

COMPLIANCE REPORT
OCTOBER 2024 - MARCH 2025

M/S KGA INTERNATIONAL TRADES PVT.
LTD.

KOTTAYAM DISTRICT
KERALA

**KGA International Trades Pvt. Ltd.**

Dt.20-05-2025

The Additional Principal Chief Conservator of Forests (C)

Ministry of Environment, Forests & Climate Change,

4th Floor, E& F Wing, Kendriya Sadan,

Koramangala, Bangalore - 560034

Ref. No.1 :- F. No. 21-95/2021-IA-III Dt. 07-12-2021**Ref. No.2 :- EC identification No. - EC21A038KL118170****Ref. No.3 :- Proposal No. IA/KL/MIS/232468/2021****Sub :- Environment Clearance – at Vazhappaly East Village, Changanacherry Municipality and Taluk, Kottayam District, Kerala.– Compliance Report – Second half - Reg.****Respected Sir,**

The construction project was accorded Environmental Clearance for **50,911 sq. m** of built-up area on **10-12-2021**, vide **F. No. 21-95/2021-IA-III** by Ministry of Environment Forest and Climate Change, Govt. Of India. As per the condition stipulated in EC order, the half yearly compliance report of **Second half** (October 2024 – March 2025) to the specific conditions and standard conditions of the Environment Clearance is enclosed.

Thanking you,

Yours respectfully,

For M/s KGA international Trades Pvt. Ltd.


(Project Head)



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COMPLIANCE REPORT

TO

THE CONDITIONS

OF

ENVIRONMENT CLEARANCE ORDER

(F. NO. 21-59/2021-IA-III)

FOR THE PERIOD OF

October 2024 – March 2025

PREPARED BY

ENVIRONMENTAL ENGINEERS & COUNSULTANTS PVT. LTD.
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INTRODUCTION

M/s KGA international Trades is a commercial project situated at Vazhappally East Village, Changanacherry Municipality and Taluk, Kottayam District, Kerala. The construction project was accorded Environmental Clearance for **50,911 sq.mtr** of built-up area on 10-12-2021 vide order **No F. NO. 21-95/2021-IA-III** by Ministry of Environment, Forest and Climate Change.

The half yearly compliance report needs to be submitted as part of Miscellaneous condition No.4 of Environmental Clearance order by the project proponent. The compliance report to conditions of the Environmental Clearance for the period of **October 2024 - March 2025** (second half) is being submitted.

The construction of structure is in progress. The photograph of the project site is attached as Plate.

COMPLIANCE REPORT PART - A SPECIFIC CONDITIONS

SPECIFIC CONDITION

01	Abstraction of groundwater shall be subject to the permission of Central Ground Water Authority (CGWA). Fresh water requirement shall not exceed 105 KLD during operational phase.	Noted
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The basement raft foundation work is underway at the project site, and the piling work has been finished. Its operational phase will not exceed 105 KLD. Abstraction of ground water does not require CGWA clearance because the proposed project area is located in a safe zone. The proponent of the project does not currently abstract groundwater. Water is coming from outside for construction.

02	As proposed, wastewater shall be treated in an onsite STP of total 200 KLD capacity. At least 154 KLD of treated water from the STP shall be recycled and reused for flushing (121 KLD) gardening (5 KLD) and for make-up water (28 KLD) for cooling towers attached with the HVAC system as proposed.	Noted to be complied
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The construction phase of the building project is underway. During its operational phase, the 280 KLD STP at the project site will treat the wastewater produced on the site. On the project site, at least 154 KLD of STP-treated water will be recycled and used again for flushing, gardening, cooling towers connected to HVAC systems, and other uses. In order to build STP, excavation is currently underway.

03	The project proponents would commission at 3rd party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flashing, and quality of water being supplied through spray faucets attached to toilet seats.	Noted to be complied
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The project is now in the construction phase. The project opponent will carry out an external study during its operational period to learn about the implementation of conditions related to the quantity and quality of recycled and reused treated water, the effectiveness of treatment systems, the quality of treated water supplied for flushing, and comparative biological studies from toilet seats using freshwater for flushing and recycled treated water.

04	Area for greenery shall be provided as per the details provided in the project document i.e., area under plantation/ greenery shall be 1600sqm. as proposed. At least 450 trees shall be maintained during the operation phase of the project. The landscape planning should include plantation of native species. A minimum of 01 tree for every 80 square metres of land should be planted and maintained. The existing trees will be counted for this purpose. Plantation to be ensured species (cut) to species (planted). 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.	Noted
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The construction activities are underway. The project will maintain a minimum of 450 trees on the site during its operational phase. In the landscape plan, the project proponent will choose native plants instead of invasive and water-intensive species. Green space will be guaranteed in accordance with the information provided at EAC. No invasive or water-intensive plants will be used for landscaping. A landscaping agency will be engaged by the PP to carry out the plantation.

05	No tree can be felled/ transplanted unless exigencies demanded. Where absolutely necessary, tree felling shall be with prior permission from the Concerned regulatory authority. Old tree 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).	Noted
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To obtain permission from the forest department to fell trees is not mandatory for the project. About 80 trees were cut and there were no trees under the category published by Forest department to get permission for uprooting. In other words, the trees felled in the project site were not required permission as per “The Kerala Promotion of Tree Growth in Non-Forest Areas (Amendment) Act, 2007.”

06	Where the trees need to be cut with prior permission from the concern 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.	Noted
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In order to compensate for the loss of one tree, the project proponent decided to plant ten tree saplings. The data presented during the project appraisal will serve as the foundation for the green belt development. As part of its landscape and green belt development, the tree saplings that will be planted will be kept in good condition. The landscaping organization will be consulted during the development of the green space.

07	The local bye-law provisions on rainwater harvesting should be followed. If local bye-law provisions is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, RWH tank of Total 95 KL capacity shall be provided by PP for rainwater harvesting after filtration.	Noted
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In Kerala, KMBR requires the construction of a rainwater harvesting tank. In order to conserve water, the project proponent started to construct two RWH facilities on the project site, each having a capacity of 120 m³ and 117 m³ respectively.

08	The solid waste shall be duly segregated into biodegradable and non-biodegradable components and handled in separate	Noted
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	area earmarked for segregation of solid waste, as per SWM Rules 2016. As committed, Biodegradable waste shall be utilised through biogas generation unit/ bio- bin system to be installed within the site. Inert waste shall be disposed off as per norms at authorised site. The recycled waste shall be sold to authorised vendors / recycles. Construction and Demolition C&D waste shall be segregated and managed as per C&D Waste Management Rules, 2016.	
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In order to segregate and manage biodegradable and non-biodegradable waste on the project site, the project proponent will build a separate facility. On the project site, biobin and biogas plants will be used to dispose of the biodegradable waste. The local seller will purchase the non-biodegradable garbage. All solid waste produced on the project site shall be handled in accordance with the 2016 trash Management Rules. The waste from building and demolition is being utilized to level the project site, fill it in, and build a driveway.

09	The PP shall provide electric charging points in parking areas for E vehicles as committed.	Noted
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The project proponent will provide electric charging points in parking areas for E Vehicles as committed.

10	As committed, solar water heaters shall be installed on the roof to meet the hot water requirement of at least 14 KLD and solar energy shall be used for external lighting by using light fixtures with standalone solar panel.	Noted
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The project proponent plans to place 220Kw solar panels on the building roof as part of their efforts to promote renewable energy. An estimated 5% of the electricity needed for common facilities at the project site will come from solar power. For the purpose of heating the water, the PP will install 120 KW solar panels on the roof.

11	The environmental clearance to the project is primarily under provisions of EIA Notification, 2006. The project proponent is under obligation to obtain approvals/ clearances under any other Acts, Regulations, Statutes as applicable to the project.	Complied
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The project proponent has secured all approvals from various department and authorities to proceed with the construction activities. The project proponent has started the construction project and it is under progress.

**COMPLIANCE REPORT
PART – B
STANDARD CONDITIONS**

I. STATUTORY COMPLIANCES

01	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
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The project construction operations are progressing in compliance with the local building byelaws. The project proponent currently holds all required licenses, approvals, and clearances. Only after receiving the required clearances and approvals pertaining to a building project, the proponent started construction. Below is the list of the licenses and approvals that have been obtained by the PP for project execution.

Sl. No	Approvals/Licenses	Issue date	Annexure
01	Structural Stability	28/03/2022	01
02	EC order	07/12/2021	02
03	Building permit	10/06/2022	03
04	Consent for Establishment	26/08/2022	04
05	NOC from Fire and Rescue services	03/08/2022	05

02	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 lightning etc.	Complied
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The project proponent has availed a valid and certified structural stability certificate from an approved structural engineer. The project proponent will construct the building as per the guidelines in National Building Code. The copy of the structural stability is attached as **Annexure No.1.**

03	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 needed
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Obtaining forest department permission is not necessary for the project because there is no forest land is involved in the project.

04	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not needed
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Since the project is not within 10 kilometres of the National Park and Wild Life Sanctuary, it is not under the jurisdiction of the National Board for Wild Life.

05	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.	Complied
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The project proponent has secured consent to Establish (CTE) from State Pollution Control Board. The copy of the document is attached as **Annexure No.3**.

06	The project proponent shall obtain the necessary permission for drawl of groundwater / surface water required for the project from the competent authority.	Noted
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Since the project area falls within the safer zone it is not necessary to get permission from CGWA for drawl of ground water. The project proponent will have consultation with Local Self Government if the project is intending to draw water from ground. At present there is no groundwater extraction for the project.

07	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.	Noted
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The power supplying agency in Kerala is the Kerala State Electricity Board Limited (KSEBL). There is no other agency in connection with supply of power.

08	All other statutory clearances such as 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.	Noted
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All required permissions have been secured by the project proponent to begin construction on the commercial building. Annexures contain the licenses and approvals. Although the project proponent employs DG sets during the construction phase, the Chief Controller of Explosives' clearance is not required because the amount of diesel kept on the project site will not exceed 1000 liters.

09	The provisions of the Solid Waste Management Rules, 2016, E Waste (Management) Rules, 2016, and the Plastic Waste Management Rules, 2016, shall be followed.	Noted to be Complied
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In accordance with the rules of the Solid Waste Management Rules, 2016, E Waste (Management) Rules, 2016, and Plastic Waste Management Rules, 2016, all waste types produced from the project site will be collected, separated, and disposed of. During this construction period, all guidelines for the management and handling of the different wastes produced from the project site are being adhered to. Facilities for collecting waste are offered during the project construction phase. The bins provided for waste has been attached as plate.

10	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	Noted
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In the areas of renewable energy, energy conservation through passive design, LED incorporation, installing water-efficient fixtures, etc., the project proponent will adhere strictly to the Energy Conservation Building Code for Commercial Buildings by the Bureau of Energy Efficiency, Ministry of Power. This is being done in this commercial building after consulting with subject-matter experts.

II. Air quality monitoring and preservations:

1	Notification GSR 94 (E) 25-012-018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	Complied
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During the construction phase, the project proponent is using dust mitigation measures such as wind breakers, covering loose soil stored at the project site, sprinkling, covering vehicles with building materials, and regulating dust-emitting activities like grinding and earth cutting. **Plate No. 1** is the attached photograph of the same.

2	A Management Plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	Complied
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A management plan has been created by the project proponent in connection with their application for EC. The project site is implementing the management plan specified actions to reduce the site's present ambient air quality exceedance.

3	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 PM_{2.5} covering upwind and downwind directions during the construction period.	Complied
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During the construction phase, the project proponent periodically monitors the PM 2.5 and PM 10 spanning upwind and downwind directions to assess the ambient air quality at the project site. Together with the half-yearly compliance report, this is being submitted.

4	Diesel power generating sets proposed as source of back power should be of enclosed type and confirmed 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	Will be complied
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	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.	
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The enclosed diesel power generating units that are being suggested as a backup power source will comply with regulations established under the Environment (Protection) Act of 1986. The Pollution Control Board will be consulted in order to determine the location of DG and the height of its stack. The enclosed form of DG set was utilized during the building phase.

5	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 metre 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.	Complied
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Long before the commencement of the work, the project proponent established a suitable barricade. There will be continuous dust/wind-breaking walls around the site (at least 3 meters high), screens for the building under construction, and other measures to prevent air pollution from dust smoke. Vehicles transporting sand, cement, murram, and other building supplies that could pollute the site with dust are given plastic or tarpaulin sheet covers. **Plate No. 2** is the site photo that is attached. The project's pilings have been finished, and the basement is currently under construction.

6	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Complied
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Plastic / tarpaulin sheet covers has provided for sand, cement, murram loose soil and other construction materials prone to causing dust pollution stored at the site.

7	Wet jet shall be provided for grinding and stone cutting.	Being Complied
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Water gets are being used to prevent dust emission from cutting and grinding. The cutting and grinding are not done at open space.

8.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Complied
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Water is being sprinkled in definite intervals at the project site to reduce dust emission from the unpaved surfaces and loose soil stored at project site.

9.	All construction and demolition debris shall be stored at the site (and not dumped in 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.	Being Complied
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The proponent is making sure that any construction and demolition waste is not disturbing the nearby community. For that, the project site is where all building and demolition waste is kept; it is not disposed of on nearby roadways or open areas. According to the guidelines outlined in the 2016 Construction and Demolition Water Management Rules, waste is being handled. The project site is being levelled and filled in using the C&D waste.

10	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall confirmed to Environmental (Protection) prescribed for air and noise emission standards.	Complied
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To ensure proper care for the environment and to reduce air and noise pollution, the project proponent will use low Sulphur diesel which is available in the market for diesel generator sets.

11	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
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In consultation with the PCB, the project proponent will determine the location and stack height of the D G sets during the operating phase. Enough stack height will be provided for dispersing the gaseous emissions from the DG set. The DG sets will have an acoustic enclosure to reduce noise pollution. Enclosed and attached to **Plate No. 3** is the DG set that is utilized during the construction phase.

12	For indoor air quality the ventilation provisions as per National Building Code of India.	Will be Complied
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The project proponent will make provision for sufficient ventilation. The proponent of the commercial project must keep the indoor air quality well within the acceptable range.

III. Water quality monitoring and preservation:

1	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-swales, landscape and other sustainable urban drainage system (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	Complied
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There is no stream located in the project site. The proponent is making sure that there is no construction is obstructing the natural drainage through the site, on wetland and water bodies. The natural drain system will be maintained for ensuring unrestricted flow of water.

2	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	being Complied
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The topography is taken into consideration when designing the building and storm water runoff drain. The topography is being preserved for the project's construction, and a suitable drainage system is in place for managing storm water. Cutting and filling are being done as little as possible.

3	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 compliance reports.	Will be Complied
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Water meters will be installed by the project proponent to track and document freshwater use, water recycling, and rainwater collection on the project site. This will be submitted in along with the Half Yearly Compliance Report to the MoEF&CC Regional Office.

4	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the 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 groundwater and surface water sources, ensuring that there is no impact on other users.	Noted
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The business project does not receive water from the municipal government. There is enough water available from the Kerala Water Authority. The water provider is able to provide a certificate for the project. Water is now purchased from outside for building needs throughout the construction phase.

5	At least 20 percentage of the open spaces as required by the local building bye-laws shall be previous. Use of grass pavers, paver blocks with at least 50 percentage opening, landscape,	Being Complied
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	etc. would be considered as pervious surface.	
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As per local Building bye-law it is mandatory to leave open spaces in the project site. The project proponent will provide at least 20 percentage as open spaces as pervious surface.

6	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.	Will be Complied
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In order to have dual plumbing on the project site, the project proponent will build STP for used water. During the building phase, the criteria will be met.

7	Use of water saving devices / fixtures (viz. low flow flushing systems. Use of low flow faucet, tap aerators, etc.) for water conservation shall be incorporated in the building plan.	Will be Complied
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The project proponent will install water-saving fixtures and devices as part of the water conservation effort. The building plan has taken this into account.

8	Separation of grey and Blackwater 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.	Will be Complied
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The project proponent will provide dual plumbing system in the project site for separation of grey and blackwater in the project site.

9	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Complied
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The project proponent uses pre-mixed concrete, curing agents during construction phase to reduce water consumption and other pollutions. Batching plant, rain water harvesting etc.

are adopted. The PP has used 20561 m³ ready mix concrete for the construction of the instant project.

10	Rainwater harvesting recharge pits/ storage tanks shall be provided for groundwater recharging as per the CGWB norms.	Noted
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Rainwater harvesting tanks will be built on the project site by the project proponent. The ground water recharge pit is not recommended because of the region's higher ground water table.

11	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5000 squares of built up area and storage capacity of minimum one day of total freshwater requirement shall be provided. In areas where groundwater recharge is not feasible, the rainwater should be harvested and stored for reuse. The groundwater shall not be withdrawn without approval from Competent Authority.	Noted
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To collect rainwater from the roof, the project proponent will build a rainwater harvesting tank on the project site. Rainwater harvesting tanks will have a combined capacity of 230KL.

12	All recharge should be limited to shallow aquifer.	Noted
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The project proponent did not suggest ground water recharge in relation to the commercial construction project since it is not practical given the high ground water table in the area. However, the PP will attempt to use rainwater to recharge ground water.

13	No groundwater shall be used during construction phase of the project.	Complied
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The project proponent does not use ground water during construction phase of the project. Water for construction is being bought from outside.

14	Any groundwater 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 groundwater abstraction or dewatering.	Noted
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Although CGWA approval is not required because the proposed site is in a safe zone, the project proponent will engage with the state's ground water department if groundwater dewatering is necessary.

15	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 Regional Office, MOEF&CC along with six monthly Monitoring reports.	Will be Complied
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Water meters will be installed by the project sponsor to track and document freshwater use, water recycling, and rainwater collection on the project site. This will be submitted in with the Half Yearly Compliance Report to the MoEF&CC Regional Office.

16	Sewage shall be treated in the STP with tertiary treatment. As proposed, no treated water shall be disposed into municipal drain.	Will be Complied
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In order to recycle used water, the project proponent is now constructing a 280 KLD STP. Among other things, the purified water will be utilized for gardening and flushing. The municipal drain will not be used to dispose of treated water.

17	Onsite sewage treatment of capacity of treating 100 percentage 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.	Will be Complied
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	Treated wastewater shall be reused on site for landscape, flushing, cooling tower and another 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.	
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The STP that is suggested for the project location will treat all sewage produced there. Before the project gets into operation service, an independent expert will certify the installation of the Sewage Treatment Plant (STP), and a report on the matter will be sent to the Ministry.

18	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	Will be Complied
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Monthly monitoring of the STP treated water will be carried out to determine the level of standards of each parameter. The project proponent will commit to maintain the STP unit and address the odour issue caused by STP.

19	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 Sewage and Sewage Treatment System, 2013.	Will be Complied
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The project proponent will install a dewatering machine in the project site to reduce the sludge. The proponent can make the sludge in form of cake and this can be used as manure in the garden.

I. Noise Monitoring and Prevention

1	Ambient noise levels shall conform to residential area/ commercial area/ industrial area/ silence zone 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.	Will be Complied
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The project proponent is taking the necessary steps to reduce air and noise pollution while the project is being developed. The use of wet jets for grinding, covering loose soil and the building site, sprinkling with water, avoiding open areas for grinding and other noise-producing activities, etc.

2	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 part of six - monthly compliance report.	Complied
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The project proponent has used a laboratory with approval from the NABL and the Pollution Control Board to monitor the ambient noise level. The results of noise level been provided together with the half yearly compliance report.

3	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.	Complied
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To reduce impact of noise, Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel are provided to labors as mitigation measures. The DG ill have enclosures in operation phase.

IV. Energy Conservation Measures:

1	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 come play with the state ECBC.	Noted
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The Bureau of Energy Efficiency's Energy Conservation Building Code recommendations have been compiled by the project proponent.

2	Outdoor and common area lighting shall be LED	Will be Complied
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To save energy, all of the lighting that is placed both inside and outside the project will be LED.

3	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 into building design. Wall, window and roof U-values, shall be, as per ECBC specifications.	Being Complied
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The current project is a commercial structure. The roof portion of every building will get daylight, and the building's design is prepared accordingly. The ECBC specification shall be followed for the U-values of the roof, windows, and walls. The building's architecture adheres to energy conservation.

4	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.	Will be Complied
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LEDs have been incorporated by the project proponent to light up the commercial building's exterior and common areas. The project proponent will suggest LED lighting for each lessee's spaces in order to save energy.

5	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-law requirement, whichever is higher.	Will be Complied
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The project proponent will construct 220 KW solar panels and streetlights to generate electricity equal to 1% of the demand load as part of the promotion of renewable energy. On the project site, the PP will set up 120 solar panels.

6	Solar power shall be used for lighting in 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 percentage of the hot water demand of the commercial and institutional building or as per the recruitment 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.	Will be Complied
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Separate electric meter will be installed for solar power. The project proponent will provide facility for solar water heaters in the project site. Solar power will be used for lighting in apartment to reduce the power load on grid.

V. Waste Management:

1	A certificate from the competent authority handling municipal solid wastes, including the existing civic capacities of handling and their adequacy to cater to the M.S.W generated from project shall be obtained.	Noted
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For the management of biodegradable waste produced on the project site, the project proponent will provide a biobin and biogas plant. The local seller will purchase the non-biodegradable garbage. Therefore, in order to handle the solid waste produced by the commercial enterprise, the project proponent will not seek assistance from the Local Self Government or any other public entity.

2	Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary preparations for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Complied
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There are no negative effects on the nearby community from the disposal of muck during the building period. The generated muck from the project site is being disposed of by the project proponent as filler material.

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.	Will be complied
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The project proponent will supply distinct wet and dry bins for appropriate collection and segregation of the trash produced by the business buildings. Wet trash and inert elements will be separated from solid waste.

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.	Will be Complied
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Facilities for disposing of biodegradable waste, such as an organic waste converter, bio-bin, or biogas plant, will be installed by the PP.

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.	Will be Complied
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The local traders will purchase the non-biodegradable garbage for recycling purposes. During the operational phase, a written tie-up will exist with the relevant agency. The PP is transferring the non-biodegradable garbage to the recyclers during the construction process.

6	Any hazardous waste generated during the construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Complied
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The State Pollution Control Board has given its clearance for an agency to dispose of all hazardous material produced on the project site. Hazardous waste will be collected at a designated place specified by the project proponent. This garbage is being handled and managed in accordance with the 2016 Hazardous waste Regulations.

7	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20 percentage 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.	Complied
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The project proponent is being used environment friendly materials in bricks, blocks and other construction materials, for at least 20 percentage of the construction material quantity.

8	Fly ash should be used as building materials in the construction 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 building construction.	Noted
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The proposed commercial building is being constructed using materials that have been supplemented with fly ash. On the project site, ready-mixed concrete is being used to cut down on water use and other pollutants. For the project site's foundation construction, the PP used 17088 m3 of ready-mix concrete.

9	Any wastes from construction and demolition activities thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	Complied
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All waste in connection with construction and demolition activities is being managed in conform to the Construction and Demolition Waste Management Rules, 2016.

10	Used CFLs &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.	Noted
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To prevent mercury exposure, the used CFLs and TFLs will be appropriately collected and disposed of in accordance with current regulations. Only LED lighting will be used at the planned project location, according to the project proponent. Every used LED will be disposed of in accordance with the rules.

VI. GREEN COVER

01	No tree can be felled/ transplanted unless exigencies demanded.	Noted
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At the project site, every tree that can be found will be preserved. Uprooting the existing trees did not require prior authorization from the relevant regulatory body because they were not on the list of trees specified in the Kerala Promotion of Tree Growth Act 2007 to obtain NOC. It is guaranteed that in exchange for the trees that are being cut down, tree saplings will be planted.

2	Topsoil should be stripped to a depth of 20 cm from areas proposed for buildings, roads, paved areas and external services. It should be stockpiled, appropriately in designed areas and reapplied during plantation of the proposed vegetation on site.	Complied
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The project proponent has removed topsoil from areas intended for buildings, roads, paved areas, and outside services to a depth of 20 cm in order to preserve the fertile soil on the project site. When the suggested vegetation is planted on the site, it should be reapplied after being properly stocked in designated places.

VII. Transport:

1	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 regular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.	Noted
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The project is located in Changanacherry town adjacent to MC road which is main road leading to Trivandrum and Ernakulam. The project is having good road network, the all road around the project site is constructed and maintained by the State Government.

2	Vehicles hired for bringing construction materials 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.	Complied
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Every vehicle that arrives at the project site to load and unload different goods is in good condition and has a pollution inspection certificate. During peak hours, transportation is subject to regulations.

3	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of the	Noted
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	service of the roads within a 05 kilometers radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of old development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 5 kilometers 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 PWD/ 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.	
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To guarantee that the present state of the roads within the project site is preserved and enhanced following project execution, a thorough traffic management and traffic decongestion strategy has been developed.

VIII. 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.	Complied
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On the project site, there are roughly 245 workers. As part of health and safety, the project sponsor has given all workers on the project site a mask, boot, gloves, helmet, etc.

2	For indoor air quality, the ventilation provisions as per National Building Code of India.	Will be Complied
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The instant commercial building will have adequate ventilation provisions like windows and balcony.

3	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management plan shall be implemented.	Complied
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The project proponent has prepared a disaster management plan. The emergency preparedness plan is based on the Hazard Identification and Risk Assessment.

4	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.	Complied
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Housing has been given by the project proponent outside the current project site, which is roughly three kilometres distant. All additional facilities that construction workers require, such as portable restrooms, medical care, and kitchen facilities. The dwelling is made out of temporary constructions that may be taken down once the project is finished.

5	Occupational health surveillance of the workers shall be done on a regular basis.	Complied
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Workers at the project site are regularly monitored for occupational health issues. During the construction phase, the project proponent deploys a certified health and safety person.

6	A first Aid Room shall be provided in the project both during construction and operations of the project.	Complied
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A first aid room has provided in the project site both during construction and operation of the project. The Photograph of first Aid room installed in the project site is attached as **Plate No.4.**

IX. Miscellaneous:

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 7 days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.	Complied
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In two local newspapers, one in Malayalam and one in English, the project proponent had prominently promoted the EC issue and its specifics (The New Indian Express and Deepika Dt. 03-02-2022). The advertisement published in newspaper is attached as **Annexure No. 6.**

2	The copies of the environmental clearance shall be submitted by the project proponent to the Heads of local bodies, Panchayat 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.	Complied
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The copy of environmental clearance was submitted by the project proponent to the Heads of local bodies.

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.	Complied
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The project proponent has uploaded the status of compliance of the conditions stipulated in EC and monitored results of various parameters of Ambient Air, Noise and Water in the website of the company. This has been updated on half yearly basis. The copy of results is attached as **Annexure No. 7 to 10.** The proponent has uploaded the details in their website the link of the site is <https://kgacompany.com/kmc-moef-documents>.

4	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.	Complied
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On the Parivesh Portal, the project proponent submits six monthly reports detailing the extent to which the environmental requirements are being met.

5	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/ deviations/ violation of the environmental/ Forest/ wildlife norms/ conditions. The company shall have confined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and over shareholders stakeholders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Complied
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The board of directors has formally accepted the environmental policy that the project proponent has created. The guidelines outlined in the EC order serve as the basis for the policy's preparation. The current project involves developing a commercial structure.

6	A separate Environmental Cell both at the project and company headquarter level with qualified personnel shall be set up under the control of senior executive, who will directly report to the head of the organization.	Complied
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With trained personnel, the project proponent established an Environmental Cell at the project and corporate headquarters levels. The cell's leader is a top executive, who has the authority to answer directly to the company's CEO. Below are the specifics of the same. Total of 3 meetings were convened so far.

Environmental Cell at headquarter level

Sl. No.	Name of Members	Designation
1	Mr. K.C. Eapen (Director)	Chairman
2	Mr. Viswapreet. S (Project Director)	Member
3	Mr Anil Kumar M S (Project Engineer)	Member
4	Mr Shamsudeen Mustafa (Project Engineer – MEP)	Member

Environmental Cell at project site level

Sl. No.	Name of Members	Designation
1	Mr. Abraham Thomas (Project Manager)	Chairman
2	Mr. James Joseph (Senior Planning Engineer)	Member
3	Mr. Byju K C (HSE Officer)	Member
4	Mr. Tomy Thomas (Officer Accounts & Admin)	Member

7	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 Six-Monthly Compliance Report.	Complied
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The company's responsibility matrix, environmental circumstances, and EMP implementation action plan are all developed. An independent account will be used to hold money designated for environmental protection measures. The Ministry Regional Office receives a half-yearly compliance report along with updates on the action plan's implementation status.

8	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	Complied
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	subsequently and put on the website of the company.	
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The project proponent has submitted environmental statement for each financial year in form -V to the state Pollution Control Board as prescribed under the Environment (Protection) Rules 1986, The same has been updated in the website of the Company. The copy of form – V is attached as **Annexure No.10**.

9	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Will be Complied
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At the project site, the land preparation activities, such as clearing the area and erecting fencing, have commenced. To begin construction on the project site, the project proponent has a building permit. An Annexure containing a copy of the building permit is attached.

10	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Complied
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The project is under construction stage. The all stipulations made by the State Pollution Control Board and State Government is being strictly followed.

11	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.	being Complied
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The project proponent is being abide all the commitments and recommendations made in the EIA / EMP report and during presentation at Expert Appraisal Committee.

12	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of	Noted to be
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	Environment, Forest and Climate Change (MOEF&CC).	Complied
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The project proponent will apply for fresh EC in case the management decided for further expansion or modification of the project.

13	Concealing factual data or submission of false / fabricated data may result in revocation of this environmental clearance and attract action under the Provision of Environmental (Protection) Act, 1986.	Noted
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The project proponent did not conceal any data in connection with obtaining Environmental Clearance. The data submitted at EAC were true and correct.

14	The ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Will be Complied
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The project proponent is being implemented all conditions stipulated in the EC order. Some of the conditions will be implemented during its operational period.

15	The ministry reserves the right to stipulate additional conditions If found necessary. The company in a time bound manner shall implement these conditions.	Will be Complied
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The project proponent is willing to adhere additional condition if the competent authority found necessary at any stage of construction or operation.

16	The Regional Office of this 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.	Will be Complied
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The project proponent will extent full support to the officers of the Regional Offices of Ministry of Environment Forest and Climate Change during their inspection at project site.

17	The above conditions shall be enforced, inter-alia under the Water (prevention & control of Pollution) Act, 1974, the Air (prevention & control of Pollution) Act, 1981, the Environment (Protection) Act, 1986. Hazardous and other waste (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 Honorable Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.	Will be Complied
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The project will comply with the terms outlined in the EC order. The project proponent will also follow all Indian laws and regulations pertaining to the development of commercial projects.

18	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
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There is no appeal against this EC order filed in NGT within a period of 30 days.

ANNEXURE

Annexure No.1



GEO STRUCTURALS (P) Ltd.
GEO TECHNICAL & STRUCTURAL CONSULTANTS

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the structural design of the proposed project in the name and style KGA MALL CHANGANASERRY (BF+LGF+GF+6 Floors), to be constructed in the proposed site bearing survey nos. 28/65; 29; 51/2,3,4,5,6,9 & 56/67 Vazhappaly East, Changanaserry Taluk, Kottayam District having an extent of 16050.00Sq.m as per revenue records and 15792.00Sq.m as per field measurements promoted by KGA International Traders Private Limited, Kundannoor, XI/641, Maradu.P.O, 682304 has been done as per provisions of the relevant Indian Standard Codes and the design is structurally stable. The Structure is designed for Dead load, Live load, Wind load and Earth quake loads taken as per IS:875 Part I to IV & IS:1893 Design is based on the Architectural drawings prepared as per KMBR, 2019.

This certificate is issued to be submitted before the authorities concerned as per rule 81(9) of KMBR, 2019.

For GEO STRUCTURALS (P) Ltd.,

Cochin
 28.03.2022

Dr. ANIL JOSEPH M.E. (S.M.F.E.), M.I.G.S., PhD
 DIRECTOR



DR. ANIL JOSEPH, M.E. (S.M.F.E.), M.I.G.S., PhD
 STRUCTURAL ENGINEER
 L2-3532/07/28-11/EA
 GEO STRUCTURALS (P) LTD.
 PULLEPPADY
 KOCHI-682018

41/1004, Vadakumthala Building, Pulleppady, Cochin - 682 018. Ph : 0484-2367824 | 2368327
 CIN : U74210KL2001PTC014716 GST NO : 32AABCG7088C1ZU
 E-mail : geostructurals@gmail.com www.geostructurals.com

Structural Stability Certificate

Annexure No.2

ENVIRONMENTAL CLEARANCE	 Government of India Ministry of Environment, Forest and Climate Change (Impact Assessment Division)																		
	To, The Director M/S KGA INTERNATIONAL TRADES PVT. LTD. Mr. K.C. Eapen, Director, M/s KGA International Trades Pvt. Ltd., XI/641, Maradu P.O., Ernakulam, Kerala, India,,Kottayam,Kerala-686101																		
PARIVESH <i>(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environment Single-Window Hub)</i>	Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding Sir/Madam, This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/KL/MIS/232468/2021 dated 03 Oct 2021. The particulars of the environmental clearance granted to the project are as below. <table border="0"> <tr> <td>1. EC Identification No.</td> <td>EC21A038KL118170</td> </tr> <tr> <td>2. File No.</td> <td>21-95/2021-IA-III</td> </tr> <tr> <td>3. Project Type</td> <td>New</td> </tr> <tr> <td>4. Category</td> <td>A</td> </tr> <tr> <td>5. Project/Activity including Schedule No.</td> <td>8(a) Building and Construction projects</td> </tr> <tr> <td>6. Name of Project</td> <td>Proposed commercial complex "KGA Mall" (Shopping Mall, Multiplex, Banquet Hall, Food Court, Hotel and Restaurant) project to be developed by M/s KGA International Trades Pvt. Ltd. at Vazhappally East Village, Changanacherry Taluk, Kottayam.</td> </tr> <tr> <td>7. Name of Company/Organization</td> <td>M/S KGA INTERNATIONAL TRADES PVT. LTD.</td> </tr> <tr> <td>8. Location of Project</td> <td>Kerala</td> </tr> <tr> <td>9. TOR Date</td> <td>N/A</td> </tr> </table> The project details along with terms and conditions are appended herewith from page no 2 onwards. (e-signed) Dharmendra Gupta Scientist F IA - (INFRA-2 sector) Date: 10/12/2021 <i>Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.</i> <i>This is a computer generated cover page.</i>	1. EC Identification No.	EC21A038KL118170	2. File No.	21-95/2021-IA-III	3. Project Type	New	4. Category	A	5. Project/Activity including Schedule No.	8(a) Building and Construction projects	6. Name of Project	Proposed commercial complex "KGA Mall" (Shopping Mall, Multiplex, Banquet Hall, Food Court, Hotel and Restaurant) project to be developed by M/s KGA International Trades Pvt. Ltd. at Vazhappally East Village, Changanacherry Taluk, Kottayam.	7. Name of Company/Organization	M/S KGA INTERNATIONAL TRADES PVT. LTD.	8. Location of Project	Kerala	9. TOR Date	N/A
	1. EC Identification No.	EC21A038KL118170																	
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3. Project Type	New																		
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8. Location of Project	Kerala																		
9. TOR Date	N/A																		
																			

EC Identification No. - EC21A038KL118170 File No. - 21-95/2021-IA-III Date of Issue EC - 10/12/2021 Page 1 of 14

F. No. 21-95/2021-IA-III

Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 110003

December 7th, 2021

To,

Shri K.C. Eapen, Director
M/s KGA International Trades Pvt. Ltd.
XI/641, Maradu P.O.,
Ernakulam – 682304, Kerala
E. mail: kc.eapen@kga.group

Subject: Environmental Clearance for Proposed commercial complex “KGA Mall” (Shopping Mall, Multiplex, Banquet Hall, Food Court, Hotel and Restaurant) project with total built up area of 50,911 sqm. to be developed at Vazhappaly East Village, Changanacherry Municipality, Changanacherry Taluk, Kottayam District, Kerala by M/s KGA International Trades Pvt. Ltd. – regarding.

Sir,

This has reference to your Application/Proposal No. IA/KL/MIS/232468/2021; received on 03rd October, 2021 through Parivesh Portal for Environmental Clearance (EC) for ‘Proposed commercial complex “KGA Mall” (Shopping Mall, Multiplex, Banquet Hall, Food Court, Hotel and Restaurant) project with total built up area of 50,911 sqm. to be developed at Vazhappaly East Village, Changanacherry Municipality, Changanacherry Taluk, Kottayam District, Kerala’ by M/s KGA International Trades Pvt. Ltd.

2. As per the provisions of the Environment Impact Assessment (EIA) Notification, 2006; as amended and notified under the Environment (Protection) Act, 1986 (29 of 1986), the above-mentioned project/activity is covered under category ‘B’ of item 8(a) ‘Building and Construction projects’ of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to non-existence of SEIAA in Kerala, the proposal required appraisal at Central level by sectoral EAC.

3. Accordingly, the abovementioned proposal for Environmental Clearance has been examined by the Expert Appraisal Committee (Infra-2) in its 75th meeting held during 27-28th October, 2021.

4. The details of the project, as per the application and documents submitted by the project proponent, and also as informed during the above-mentioned meeting of EAC (Infra-2) are as under:

1. The project is located at Survey Nos. 56/67, 28/65, 29, 51/2, 3, 4, 5, 6 & 9 in Block 105 & Survey Nos. 4/1 in Block 104, Vazhappaly East

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Village, Changanacherry Municipality Changanacherry Taluk, Kottayam District, Kerala with coordinates from 09°26'52.25"N to 09°26'59.05"N Latitude and 76°32'15.01"E to 76°32'19.50 E Longitude.

- ii. The project is new.
- iii. The total plot area is 16,117 sqm. and total construction (Built-up) area is 50,911 sqm. The project will comprise of 1 no. of commercial building block with construction of commercial complex with shopping area / retail area, hotel (54 rooms), banquet hall (1,240 seats), multiplex (670 seats), restaurant / food court (800 seats) & supporting infrastructure facilities. Maximum height of the building is 32.75 m. The details of building are as follows:

Name of Building	Max. no. of floors		Max. Height	Built-up area
Commercial Building Block	Basement + Lower Ground floor + Ground floor + 6 floors		32.75 m	50,911 sqm.
	Floor	Usage		
	Basement	Parking area		
	Ground floor	Shopping mall		
	1 st Floor	Shopping mall		
	2 nd Floor	Multiplex + Food Court		
	3 rd Floor	Banquet Hall		
	4 th – 6 th Floor	Hotel Rooms		

- iv. During construction phase, total water requirement is expected to be 62 KLD which will be met by recycled water from portable STP/Stored rain water (tank) for construction purposes and Kerala Water Authority (KWA) supply for meeting the domestic water requirement expected to be 15 KLD. During the construction phase, portable STP will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- v. During operational phase, total water demand of the project is expected to be 259 KLD and the same will be met by 105 KLD fresh water from Stored Rain Water Tank (250 KL capacity)/KWA/Ground water and 154 KLD Recycled water. Wastewater generated (171 KLD) will be treated in STP of total 200 KLD capacity. 154 KLD of treated wastewater will be generated which will be recycled and re-used (121 KLD for flushing, 5 KLD for gardening etc.). About 28 KLD treated water from STP will be used for make-up water requirement for cooling towers attached with the HVAC system. Therefore, there is no discharge to the external drainage system or to the land or to any water body.
- vi. About 856 kg/day solid waste will be generated in the project. The biodegradable waste (350 kg/day) will be processed in bio-gas generation unit/OWC unit and the non-biodegradable waste generated (506 kg/day) will be handed over to authorized local vendor.
- vii. The total power requirement during operation phase is 1,534 kWh and will be met from Kerala State Electricity Board (KSEB) & DG Sets (1,250 kVA x 1 nos + 500 kVA x 1 nos.) will be provided as a standby power

- back up arrangement. Total power requirement during construction phase is 100 kW and will be met from KSEB & DG Sets (standby).
- viii. Rooftop rainwater of buildings will be collected in RWH tank of total 250 KL capacity for harvesting after filtration.
 - ix. There is a small building existing at site which will be demolished during construction. The demolition waste to be generated will be handled as per the guidelines of Construction and Demolition (C&D) Waste Management & Handling Rules, 2016.
 - x. Parking facility for 650 Cars + 1,700 Two Wheelers is proposed to be provided against the requirement of 635 Cars + 1,600 Two Wheelers respectively (according to local norms). Provision for charging for electrically operated vehicles is proposed in each parking floor.
 - xi. Proposed energy saving measures would save about 17% of power.
 - xii. About 94 nos. of solar water heaters would be installed on the roof to meet the daily hot water requirement of about 14 KL. Solar energy will be used for external lighting by using light fixtures with standalone solar panel.
 - xiii. The project is not located in Critically Polluted area.
 - xiv. The project is not located within 10 km of Eco Sensitive Zone. NBWL Clearance is not required.
 - xv. Forest Clearance is not required.
 - xvi. No court case is pending against the project.
 - xvii. Green belt area of about 1600 sqm (0.16 Ha) will be developed. 80 trees are existing at the site which will be cut and 450 trees are proposed for plantation.
 - xviii. Expected timeline for completion of the project - About 36 months from the date of start of construction.
 - xix. Investment/Cost of the project is Rs. 216 Crores.
 - xx. Employment potential - About 150 persons during construction phase and about 593 persons during operation phase.
 - xxi. Benefits of the project - The project would provide better commercial retail shopping area with supporting infrastructure facilities and amenities to the people. Direct and indirect employment opportunities; The potential for employment and access to new services may draw people to the area around the project. There will be an increase in economic activity and employment for the local community, local skills development. Employment opportunities generation and Revenue to the State.

5. The EAC (Infra 2), based on information and clarifications provided by the project proponent and detailed discussions held on the issues, has recommended granting environment clearance to the project. The aforesaid recommendation of EAC (Infra-2) is subject to certain specific conditions, as stipulated during its 75th meeting held during 27-28th October, 2021.

6. Based on recommendations of EAC (Infra-2), the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the project for 'Proposed commercial complex "KGA Mall" (Shopping Mall, Multiplex, Banquet Hall, Food Court, Hotel and Restaurant) project with total built up area of 50,911 sqm. to be developed at Vazhappally East Village, Changanacherry Municipality, Changanacherry Taluk, Kottayam District,

Kerala' by M/s KGA International Trades Pvt. Ltd., under the provisions of the EIA Notification, 2006 and amendments/circulars issued thereon, and subject to the following specific and standard conditions:

A. Specific Conditions:

- i. Abstraction of ground water shall be subject to the permission of Central Ground Water Authority (CGWA). Fresh water requirement shall not exceed 105 KLD during operational phase.
- ii. As proposed, wastewater shall be treated in an onsite STP of total 200 KLD capacity. At least 154 KLD of treated water from the STP shall be recycled and re-used for flushing (121 KLD) gardening (5 KLD) and for make-up water (28 KLD) for cooling towers attached with the HVAC system as proposed.
- iii. The project proponents would commission a third-party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
- iv. Area for greenery shall be provided as per the details provided in the project document i.e., area under plantation/greenery will be 1600 sqm. As proposed, at least 450 trees shall be maintained during the operation phase of the project. The landscape planning should include plantation of native species. A minimum of 01 tree for every 80 sqm. of land should be planted and maintained. The existing trees will be counted for this purpose. Plantations to be ensured species (cut) to species (planted). 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.
- v. No tree can be felled/transplanted 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).
- vi. 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.
- vii. 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. As proposed, RWH tank of total 250 KL capacity shall be provided by PP for rain water harvesting after filtration.
- viii. The solid waste shall be duly segregated into biodegradable and non-biodegradable components and handled in separate area earmarked for

segregation of solid waste, as per SWM Rules, 2016. As committed, biodegradable waste shall be utilized through bio-gas generation unit/ OWC unit to be installed within the site. Inert waste shall be disposed off as per norms at authorized site. The recyclable waste shall be sold to authorized vendors/recyclers. Construction & Demolition (C&D) waste shall be segregated and managed as per C&D Waste Management Rules, 2016.

- ix. The PP shall provide electric charging points in parking areas for e vehicles as committed.
- x. As committed, solar water heaters shall be installed on the roof to meet the hot water requirement of atleast 14 KLD and solar energy shall be used for external lighting by using light fixtures with standalone solar panel.
- xi. The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. The Project Proponent is under obligation to obtain approvals/clearances under any other Acts/ Regulations or Statutes as applicable to the project.

B. Standard Conditions:

I. Statutory compliance:

- 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 byclaws.
- ii. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of fire-fighting equipment etc. as per National Building Code including protection measures from lightning etc.
- iii. 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.
- iv. The project proponent shall obtain clearance from the National Board for Wildlife, if 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.
- vi. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- 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.
- 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.
- 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.

- x. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

II. Air quality monitoring and preservation:

- i. 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.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- 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 PM_{2.5}) covering upwind and downwind directions during the construction period.
- 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.
- 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.
- vi. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- 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 Management Rules 2016.
- x. 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.
- 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.
- xii. For indoor air quality the ventilation provisions as per National Building Code of India,

III. 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-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iii. 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, MoEF&CC along with six monthly Monitoring reports.
- iv. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the 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 other users.
- v. 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.
- vi. 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.
- vii. 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.
- viii. 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.
- ix. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- x. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xi. A rain water 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 fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xii. All recharge should be limited to shallow aquifer.
- xiii. No ground water shall be used during construction phase of the project.
- xiv. 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.

- xv. 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, MoEF&CC along with six monthly Monitoring reports.
- xvi. Sewage shall be treated in the STP with tertiary treatment. As proposed, no treated water shall be disposed in to municipal drain.
- xvii. No sewage or untreated effluent water would be discharged through storm water drains.
- xviii. 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.
- xix. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xx. 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.

IV. Noise monitoring and prevention:

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone 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.
- 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.
- 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.

V. Energy Conservation measures:

- 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.
- ii. Outdoor and common area lighting shall be LED.
- 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.
- iv. 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.
 - v. 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.
 - 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.

VI. Waste Management:

- i. 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.
- 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.
- iii. 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.
- iv. Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg/person/day must be installed.
- 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.
- 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.
- 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.
- viii. Fly ash should be used as building material in the construction 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 building 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.

- x. 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.

VII. Green Cover:

- i. No tree can be felled/transplant unless exigencies demand. Where
- ii. 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.

VIII. Transport

- i. 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.
- 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 non-peak hours.
- iii. 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.

IX. 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.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- iv. 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

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care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

X. 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 MoEF&CC/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 has to display the same for 30 days from the date of receipt.
- iii. 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.
- iv. 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.
- v. 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 shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- vi. 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 report to the head of the organization.
- vii. 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 Six Monthly Compliance Report
- viii. 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.

- ix. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- x. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xi. 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.
- xii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
- xiii. 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.
- xiv. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xv. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xvi. The Regional Office of this 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.
- xvii. 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 Honble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xviii. 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.

7. The Environmental Clearance is being granted to M/s KGA International Trades Pvt. Ltd. for Proposed commercial complex "KGA Mall" (Shopping Mall, Multiplex, Banquet Hall, Food Court, Hotel and Restaurant) project with total built up area of 50,911 sqm. to be developed at Vazhappaly East Village, Changanacherry Municipality, Changanacherry Taluk, Kottayam District, Kerala.

8. This issues with the approval of the Competent Authority.



(Dr. Dharmendra Kumar Gupta)
Director (S)

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1. Principal Secretary, Government of Kerala, Department of Environment & Climate Change (DoECC), Devikripa, Pallimukku Pettah P.O., Thiruvananthapuram- 695024, Kerala
2. Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office (Southern Zone), Ministry of Environment, Forest and Climate Change, Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road, Koramangala II Block, Bengaluru – 560034, Karnataka
3. Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi – 110 032.
4. Member Secretary, Kerala State Pollution Control Board, Head Office, Pattom, P. O., Thiruvananthapuram-695004, Kerala
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/ Record File/ Notice Board/MoEF&CC website.

(Dr. Dharmendra Kumar Gupta)
Director (S)

Annexure No.3



GOVERNMENT OF KERALA

Deemed Licence issued under section 10 of Kerala Industrial Single Window Clearance Boards and Industrial Township Development Area Act, 1999 (5 of 2000).

Building Permit

Department of Local Self Government(Directorate of Urban Affairs)

UID: 110/2022-SDL
Appl No: KL-7567/2022



Certified that necessary Clearance/ No objection Certificate / Licence is issued to M/s.**K G A MALL CHANGANASSERY,XI/641** in Survey Nos.**Sy.No 313/8,313/11,284/1A,284/1B,314/1,314/2B,314/2C,314/3,314/4,314/6,314/9B,Re-Sy No 4/1-10,28/65,51/2,51/3,51/4,51/5,51/6,51/9,56/67,29** of **Vazhappally East** Village of **Changanacherry** Taluk, **Kottayam** District has been obtained through the online single window portal,for conducting the activity of **Building Permit** in exercise of the powers conferred on this Board by Section 10 of Kerala Industrial Single Window Clearance Boards and Industrial Township Development Area Act,1999 read with Rule 9(2).

The certificate will be valid for the period for which the applicant has applied for.The board has the power to cancel/revoke the licence if the licence is obtained by misrepresentation or suppression of facts or if the applicant has committed breach or any conditions stipulated herein or violation of any provisions of any Act or Rules under which the licence is issued.

*This Certificate is issued on this the **10th** day of **July** , **2022**.This is a system generated Certificate which requires no signature.*

Building permit

Annexure No.4**FILE NO : KSPCB/KT/ICE/10006214/2022****Date of issue : 26-08-2022****KERALA STATE POLLUTION CONTROL BOARD****CONSENT TO ESTABLISH**

ISSUED UNDER

The Water (Prevention & Control of Pollution) Act, 1974

The Air (Prevention & Control of Pollution) Act, 1981

and

The Environment (Protection) Act, 1986

As per Application No. : 10006214**Dated : 01-07-2022****To****KGA Mall****Opp S B College, Changanassery, Kottayam - 686101****Consent No. : KSPCB/KT/ICE/10006214/2022****Valid Upto : 31-07-2027**

1. GENERAL

1.1. This integrated consent is granted subject to the power of the Board to withdraw consent, review and make ☐ Variation in or revoke all or any of the conditions as the Board deems fit

1	VALIDITY	31-07-2027
2	Name and Address of the establishment	KGA Mall Opp S B College, Changanassery, Kottayam - 686101
3	Occupier Details	K C Eapen K C Eapen, KGA International Trades Pvt Ltd, XI/641, Kundannoor, Marad P O , Ernakulam - 682304
4	Local Body	Changanassery Municipality
5	Survey Number	29, 56/67, 28/65, 51/2, 51/3, 51/4, 51/5, 51/6, 51/9, 4/1-10
6	Village	Vazhappally East
7	Taluk	Changanassery
8	District	KOTTAYAM
9	Capital Investment(Rs in Lakhs)	21600.0
10	Scale	Large
11	Category	RED
12	Annual fee(Rs)	449000.0
	Total Fee remitted(Rs)	10.0
13	Activity	Establishing a commercial building having shopping mall,multiplex,food court,banquet hall and hotel in B+LG+G+6 floors; Built-up area- 48738 sq.m
14	Machinery details	

GENERAL CONDITIONS

1. This consent is granted subject to the power of the Board to review and make variations in all or any of the conditions as per section 21(6) of the Air (Prevention & Control) of pollution Act 1981 & section 27 of the water (Prevention & control) of pollution Act 1974.
2. This consent unless withdrawn earlier and subject to condition No.5.2 shall be valid for five years from the date of issue. At the end of the validity period if the construction is in progress the same shall be renewed. If the construction is yet to be started, the applicant shall apply afresh for consent to establish.
3. The date of commissioning shall be intimated, at least one month in advance to the District Office of the Board.
4. The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water, land and sound pollution.
5. Consent to Operate shall be obtained before commissioning the industry under the Water (Prevention and Control of Pollution) Act, the Air (Prevention and Control of Pollution) Act and the relevant Rules under Environment (Protection) Act..

2. CONDITIONS AS PER

The Water (Prevention and Control of Pollution) Act, 1974

2.1.Sewage/Effluent Treatment Plant consisting of treatment units having adequate capacity shall be made functional as per the proposal submitted along with the application, before the commissioning of the establishment. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1)(g) of the Water Act shall also be made along with.

2.2. Water Consumption: 254 KLD

2.3. Effluent Generation: 229 KLD

2.4. The characteristics of effluent after treatment shall confirm to the following tolerance limits:

Sl.No	Characteristics	Unit	Tolerance limit(for soakpit discharge	Tolerance limit (for reuse)
1	pH	-	6.5-9.0	6.5-8.5
2	BOD	mg/l	10	3
3	TSS	mg/l	10	10
4	Oil & Grease	mg/l	-	1
5	COD	mg/l	50	-
6	NH ₄ -N	mg/l	5	-
7	N-total	mg/l	10	-
8	Fecal Coliform	MPN/100 ml	<230	-

2.5. Mode of disposal of treated effluent: Soak pit/Reuse

3. CONDITIONS AS PER The Air (Prevention and Control of Pollution) Act, 1981

3.1. Adequate air pollution control measures shall be provided before the commissioning of the industry/establishment/DG set. Additional facilities required, if any, to achieve the standards laid down by the Board shall also be made along with.

4.CONDITIONS AS PER The Environment (Protection) Act, 1986

4.1.The construction activities as well as the operation of the industry / DG set shall be carried out strictly in compliance with the provisions of the Noise Pollution (Regulation and Control) Rules 2000.

- 4.2. Used lead acid batteries, if any shall be disposed of in compliance with the provisions of the Batteries (Management and Handling) Rules, 2001.
- 4.3. E-waste shall be disposed of in compliance with the E-Waste (Management) Rules, 2016.
- 4.4. The solid waste generated shall be treated and disposed of in compliance with the provisions of the Solid Waste (Management) Rules, 2016.
- 4.5. The plastic waste generated shall be disposed of in compliance with the provisions of the Plastic Waste (Management) Rules, 2016.
- 4.6. The hazardous waste generated in the unit shall be disposed of in compliance with the provisions of the Hazardous and other Wastes (Management and Trans boundary Movement) Rules, 2016.

5. SPECIFIC CONDITIONS

- 5.1. This consent is granted subject to the power of the Board to review and make variations in all or any of the conditions as per section 21 of the Air (Prevention and Control of Pollution) Act 1981 and section 25 of the Water (Prevention and Control of pollution) Act 1974.
- 5.2. At the end of the validity period if the construction is in progress, the same shall be got renewed. If the construction is not started in the consent period, the applicant shall apply afresh for consent to establish.
- 5.3. The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water, land and sound pollution.
- 5.4. Consent to Operate under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 shall be obtained by the builder before commissioning the project. The date of commissioning of the project shall be intimated at least one month in advance to the District Office of the Board.
- 5.5. Water & energy conservation measures shall be adopted. Renewable source of energy namely solar energy shall be utilized.
- 5.6. Adequate safety measures shall be provided in accordance with fire safety regulation.
- 5.7. No excavation of soil shall be carried out without adequate dust mitigation measures in place.
- 5.8. No loose soil or sand or Construction & Demolition Waste or any other construction material that causes dust shall be left uncovered.
- 5.9. Dust mitigation measures shall be displayed prominently at the construction site for easy public viewing.
- 5.10. Grinding and cutting of building materials in open area shall be prohibited.
- 5.11. Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.
- 5.12. No uncovered vehicles carrying construction material and waste shall be permitted.
- 5.13. Construction and Demolition Waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site.
- 5.14. DG set shall be provided with acoustic enclosure and a chimney of height $0.2 \times \text{square root of kVA}$ above roof level or 2m above the highest nearby building and at a minimum distance of square root of $(\text{kVA}/2)$ from the nearest residential building/educational institutions/hospitals/place of worship/public offices.
- 5.15. The construction camp shall have a well maintained waste management system and sewage and effluent shall be treated to meet the standards. The solid waste and debris from the construction shall be disposed without causing environmental problems. The dredging shall be carried out without causing significant disturbance to the back water system, if any.
- 5.16. The area near the boundary and the buildings and the set back shall be utilized for the development of green belt.
- 5.17. Arrangements shall be provided for rainwater harvesting before commissioning.
- 5.18. Natural drainage of the area shall be protected.
- 5.19. Sewage treatment plant and the outlet shall be set up beyond $10 \log Q$ m (Q is the maximum capacity of the treatment Plant in cubic meters per day) from the nearest residence/water body and there shall be a

minimum setback of 3m from the boundaries to the STP

5.20. Sewage treatment plant shall be constructed above ground level/cellar of the establishment.

5.21. There shall be easy access to each and every treatment unit for inspection. Sufficient sampling points shall be provided to facilitate collection of samples. Lighting arrangements shall be provided in the sewage treatment plant area.

5.22. TOD type energy meter shall be installed exclusively for sewage treatment plant. Water meter shall be fixed to record consumption of water.

5.23. Each and every sewage treatment unit shall be labelled.

5.24. Conditions in the Environmental Clearance shall be complied with.

5.25. Any of the following facility of adequate capacity shall be provided for the proper solid waste management;

(a) Biogas plant/Highrate bio reactor (b) Biobins/portable biobins (c) Centralized masonry biotanks

(d) Aerobic ferro-cement bins

5.26. Operation and maintenance contract with Performance Guarantee for the Sewage treatment plant shall be entered into between the consentee and the consultant. The application for Consent to Operate shall be accompanied by

1) an undertaking on Rs. 200/- stamp paper by the builder that all facilities required as per the Consent to Establish have been duly installed and are functional;

2) a certificate by the consultant to the same effect

3) Copy of operation and maintenance contract and

4) Copy of performance guarantee.

5.27. Total fee remitted -Rs.22,45,010/- (Total fee remitted shown in I(12) shall be ignored)

Digitally signed by A.B. Pradeep Kumar
Date: 2022.08.26 15:03:32 IST

SIGNATURE OF ISSUING AUTHORITY

CHAIRMAN

Copy of consent from PCB

Annexure No.5



WE SERVE TO SAVE



DEPARTMENT OF FIRE AND RESCUE SERVICES
GOVERNMENT OF KERALA

No:FRS/05/CHY/9455/2022/SITE

Date:03/08/2022

NO OBJECTION CERTIFICATE (FOR BUILDING PERMIT)
(As per Rule 5(4).12 of KMBR 2019/KPBR 2019)

Name & Address of the Applicant:	KGA INTERNATIONAL TRADES PVT. LTD. KGA INTERNATIONAL TRADES PVT.LTD. REP. BY IT'S DIRECTOR, K C EAPEN, XI/641, KUNDANOOR, MARADU P.O, ERNAKULAM,Kerala 682304 India
Name of the Company:	KGA INTERNATIONAL TRADES PVT. LTD.
Occupancy type of Building:	Residential Buildings cum Assembly Buildings
Height of the building:	Residential Buildings up to 37.5 m Assembly Buildings up to 22.85 m
Number of Floors of the Building:	B1+G+G+6(9 Floors)
Total Built Up Area (in sqm):	Residential Buildings-3658.28 m2 Assembly Buildings -45079.72 m2 Total-48738 m2
Survey No:	Survey NO: 313/8 & 11; 284/1A & 1B; 314/1,2B,2C 3,4,6 & 9B Resurvey No: 4/1-10; 28/65; 29; 51/2 3 , 4, 5 6, 9 & 56/67
Village:	Vazhappally East
Municipality:	Changanassery
District:	Kottayam

The above site was inspected by the competent and authorized Officials of this Department. It was found that the site is suitable from fire protection point of view for the proposed construction.

The Fire system drawings were scrutinized and compared with the Checklist (Form No FRS/05/CHY/9455/2022/SITE.) and Prima Facie found to be in Order. The Applicant shall comply with all the Fire Safety arrangements as contained in the relevant Rules and Norms pertaining to Fire Safety, without any deviation. In case, if any deviation is to be made in the construction for any reason, the same shall be intimated to the competent authorities of the Stake Holder Departments including this Department and deposit necessary Fees etc. as per rules to obtain revised clearance.

On completion of the building construction and after installation of the fire protection arrangements, the Applicant shall fill the Checklist Cum Application again and also prepare a Fire System Drawing and submit following the due procedure. On receiving the Plan & the Checklist Cum Application duly filled, the authorized and competent Officials of this Department will inspect & verify the fire protection arrangements made as per the filled up Checklist to consider issuance of a No Objection Certificate (Completion) from this Department for compliance of the proposed fire protection requirements.

This clearance is limited to the Fire protection arrangements for the proposed Building. All other matters including eligibility of the land and plot for this project, environmental feasibility, survey details, etc. should be got verified and approved by the concerned competent authority. This No objection Certificate is issued for facilitating the construction of the proposed Building. The validity of this certificate will be for 5 years from the date of issue. Renewal will be subject to the conditions of building permit issued by the Local Authority.



Digitally signed by Nousad M
Reason: site clearance
Location: Headquarters Thiruvananthapuram
Date: 2022.08.03 06:44:22 +05:30

To,
Applicant / Concerned Local Authority

This is a computer generated certificate & signature is not required.

Copy of NOC from Fire and Rescue Service

Annexure No.6

THE NEW
INDIAN
EXPRESS

REGION
THURSDAY

f
POST
OF THE DAY
newindia

Three migrant workers found dead in river

Madhya Pradesh natives were reported missing since Sunday evening

EXPRESS NEWS SERVICE @ KATHUNAL

THREE migrant workers who went missing from Kathunjal in Rajakad three days ago were found dead in the Chemamur river near Kathunjal on Wednesday.

The deceased - one woman and two men - are natives of Madhya Pradesh. Hoshni (30), Jay (20) and Dulap (22) were staying at Kathunjal for the past two weeks at a rented house. They were working as daily wagers in nearby plantations, police said.

Although a complaint was filed at the Udumbanchola police station after the trio went missing, the cops couldn't find them despite conducting a search in the area for the last three days.

On Wednesday morning, their bodies were found in the river downstream of Chemamamur waterfalls by local people.

The body of a deceased man was found trapped between rocks downstream of the waterfall while two bodies were



Rohini Alar Doleto

found 20 m away. After being informed by residents in the area, Udumbanchola police and fire and rescue officials from Nedumkandam reached the spot and took out the bodies from the river.

A six-member team of migrant employees, including the deceased, was staying in Kathunjal for work. As per the statement given by other workers, the trio had gone to the river on Sunday evening to take bath, but they did not return.

Police in their primary investigation said the migrant workers may have been caught in the currents, leading to their drowning. After conducting an investigation, their body was shifted to the Idukki Medical College Hospital for post-mortem examination. Udumbanchola police have started a probe into the incident.

Reconstruction of Mankombu bridge begins

EXPRESS NEWS SERVICE @ KATHUNAL

THE reconstruction of the Mankombu bridge on the Alappuzha-Changanassery (AC) road commenced on Wednesday. The bridge is being reconstructed to make the road a semi-elevated highway.

The officials of Urdulungal Labour Contract Cooperative Society (ULCOS), which is undertaking the reconstruction work said that the old bridge was demolished on Tuesday.

The bridge will be reconstructed with a width of 14 metres and a height of more than 1m from ground to avoid flooding on the road during the rainy season. The work is expected to be completed in three months, the official said.

Once the piling is completed, the girders will be placed above it. The contracting company has constructed a temporary road parallel to the bridge for the movement of light vehicles and ambulances. The reconstruction of another bridge at Pandarakalan is expected to begin soon, said an official.

The AC road reconstruction project has proposed to set up seven flyovers at places prone to severe flooding. The project is expected to be completed by June 2020, officials said.

Covid patients wait for an hour in ambulances



2,939 test positive in Alappuzha district

A total of 2,939 people tested positive for Covid in the district on Wednesday. As many as 22 health workers are also among the infected. The sources of infection of 114 people remain unknown. The district also recorded 2,435 recoveries on the day. At present, the district has 18,682 active cases.

18 CCTV CAMERAS TO BE INSTALLED ON NH BYPASS

EXPRESS NEWS SERVICE @ ALAPPUZHA

EIGHTEEN CCTV cameras will be set up on the bypass stretch of the NH66 from Kottamadi to Kalarikode to avoid recurring accidents.

MLA P P Chitharanjan has said the cameras would be set up at Kottamadi overbridge, near Beach Hospital and Kuthirapuzha. Six cameras will be set up in each spot in the first phase. The Motor Vehicles Department will implement the project with the help of Kollam. The process to develop the high-way into four-lane has been progressing. So the cameras will be set up on the bypass flyover. Around 10 crore will be needed for the project and the fund will be sanctioned from the fund of Road Safety Authority, the MLA said. Chitharanjan said the service road at the south of Kottamadi junction will be extended to 50m from the junction.

and prepare the bed to admit the new patient," said an official.

The MCH is handling only referral cases from other hospitals in the district. There are 174 beds in the Covid ward of which more than 160 are occupied.

In addition, 10 ventilators are also made available, said an official.

District Collector A. Alexander said people should avoid directly approaching MCH for Covid treatment. "A triage system has been introduced and the patients referred under the system will be treated in the MCH. This is to avoid unnecessary arrival of Covid patients at MCH," said the Collector.

'Haritha Mithra' to strengthen waste management

EXPRESS NEWS SERVICE @ KATHUNAL

AS part of the efforts to strengthen the waste collection and its processing, the Haritha Mission and Kuthirapuzha Mission jointly introduced a new mobile application named 'Haritha Mithra'.

The new app is brought out with the help of government-owned Kollam which will help in coordinating the activities of Haritha Karma Sena (HKS).

According to authorities, the project aims at the scientific treatment of organic wastes including plastic, paper, glass, etc. The app is the full version of the app in the first phase, the project will be implemented in 27 local bodies, including the municipal corporation, the district, Haritha Mission and Kuthirapuzha Mission. The app is expected to be implemented in the first week of May.

The app will be used by the HKS members to collect the waste and the app will be used by the HKS members to collect the waste and the app will be used by the HKS members to collect the waste.

Chargesheet filed in CPM Peringara local secretary murder case

EXPRESS NEWS SERVICE @ KATHUNAL

THE investigation team probing the case related to the murder of CPM Peringara local secretary P R Sandeep Kumar has submitted the chargesheet in

the case. The investigation has found that the murder was owing to political enmity. The chargesheet was filed in Thiruvalla Judicial First Class Magistrate Court on Wednesday.

Justice, the first accused, had a voice in the lodge at Kuthirapuzha.

for accused two to five - Pramod, Nandu Aji, Manmohan and Vishnu Aji - to hand a plot to kill Sandeep. From there, the accused went to Chithirapuzha to execute the plan.

According to the chargesheet, only the first accused, the chargesheet is ac-

companied by 75 documents, including the confession statements of the accused. A total of 75 witnesses have been questioned. The case was investigated by a team led by Thiruvalla DSP P. Rajendran.

EXPRESS READ

Cops add 557 people to goons list

Tiruvananthapuram: In a bid to strengthen crackdown on goons, the state police have added 557 people, in the list of history-sheets since December 19 last year. Pathanamthitta topped the list as 171 people were added to the police's list of repeat offenders followed by Thiruvananthapuram rural district with 76 names.

KERALA INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.
Thiruvananthapuram
CALLUS
KIDG inviting applications for various posts. Details are available in our website
<http://nidco.kerala.gov.in>
Managing Director

Man injured in 'wild boar' attack dies

Pathanamthitta: A 65-year-old man, who was undergoing treatment at Kottayam Medical College hospital after being attacked by a wild boar in Adoor, succumbed to his injuries on Tuesday. The deceased is P V John, of Mangad. He was attacked by a wild boar while he was walking on a road near Mangad Junction.

Supreme innovation centre to come up in state

Tiruvananthapuram: The state's first graphene innovation centre will be set up in Kerala, chief minister has said in PB post. It is a joint venture of the Digital University of Kerala and C-MET and Tata Steel Ltd. he said.

Tusker died after eating cracker-filled fruit

EXPRESS NEWS SERVICE @ KATHUNAL

THE post-mortem report of the 30-year-old wild tusker that was found dead in Kurumpan-moorthy, has stated that it died after eating a cracker-stuffed fruit planted for killing wild boars.

The post-mortem report said that there were injuries in the elephant's mouth and its feet were also damaged after it ate the cracker-stuffed fruit. "Due to the injuries, it could not take food for a week leading to its death. During the autopsy, only mud was found

inside the stomach," the report said.

The incident took place within Kanamala forest station limits in Ranni and the forest department has registered an unnatural death case.

"The farmers place crackers inside pineapple, watermelon or cucumber to trap wild boars. It is an illegal practice. We have started an investigation into the incident," forest officials said.

It was local people, who found the carcass of the tusker in the village on Monday.

CANTONMENT BOARD, DEHUROAD
(Government of India, Ministry of Defence)
Dehuroad, Pune - 412 101
Ph. No. 020 27871252, Fax: 020 27872610
e-mail: cdeohd-state@nic.in, website: <https://dehuroad.cantgov.in>
No. CEDH/ADM/Permanent Recruitment/2022 Date: 31/03/2022

B-AUCTION SALE NOTICE
SECURITY INTEREST (ENFORCEMENT) RULES 2002.
B-auction sale notice to the effect that the immovable properties comprised under the provisions of Security Interest (Enforcement) Rules 2002, vide order of the Hon'ble District Judge, Kollam, dated 10.03.2022, are being sold by e-auction.
Name and address of the Bidding Bank: Kollam Branch, Changanassery, Kollam District, Kerala 692017.
2 Name and address of the Auctioneer/Co-auctioneer/Guarantors:
Bidding Bank: Kollam Branch, Changanassery, Kollam District, Kerala 692017.
21st Century Publishing Co. (Prop. Ponnammamma T M) Ponnammamma T M (Prop. Ponnammamma T M) Kollam Branch, Changanassery, Kollam District, Kerala 692017.
City Events Publishing Co. (Prop. Ponnammamma T M) Ponnammamma T M (Prop. Ponnammamma T M) Kollam Branch, Changanassery, Kollam District, Kerala 692017.
4 Total liabilities as on 31.03.2022 Rs. 1,86,26,248.00 (One Thousand Two Hundred Forty Six and Ninety Nine Paise Only) with interest and costs.
5 a) Date & time of Auction: 15-03-2022 11 am to 1.30 pm.
b) Website platform for Auction: <https://indianbidsale.com>
6 Details of properties: All the part and parcel of the property consisting of 76.88 acres (31.16 Acre) of land in the No. 342/19 of Panchavilam, Kottayam Taluk, Kottayam.

NOTICE
This is to inform to the general public that the Government of Kerala has decided to implement the National Environmental Policy (NEP) 2020. The NEP 2020 is a landmark document that sets the framework for sustainable development in India. It is a comprehensive policy that covers all aspects of the environment, including air, water, land, and forests. The NEP 2020 is a landmark document that sets the framework for sustainable development in India. It is a comprehensive policy that covers all aspects of the environment, including air, water, land, and forests. The NEP 2020 is a landmark document that sets the framework for sustainable development in India. It is a comprehensive policy that covers all aspects of the environment, including air, water, land, and forests.

പൊതുവിലേക്കും

2022 ഫെബ്രുവരി 07

K2202-461987

 **SOUTH INDIAN Bank**

തീയതി: 28.01.2022 ചീഫ് ഓരണൽ, അധികാരപ്പെടുത്തലുമായി

E2202-461802

For more details/account wise information borrowers and for participating in the auction, interested bidders may contact 0479-2360012.

Place: Cheriyanaad, Date: 02-02-2022 Authorised Officer, CSB Bank Ltd.

V-GUARD

സാമ്പത്തിക ഫലങ്ങളുടെ ചുരുക്കഭാഗം

(₹ in Lakhs)

ക്രമ നമ്പർ	വിവരണങ്ങൾ	അവസാനിച്ച് ചുറ്റും അവസരങ്ങൾ			അവസാനിച്ച് ഏപ്രിൽ അവസരങ്ങൾ		അവസാനിച്ച് വർഷം അവസരങ്ങൾ
		31.12.2021	30.09.2021	31.12.2020	31.12.2021	31.12.2020	31.03.2021
		അഡ്റ്റ് ചെയ്യാനുള്ള	അഡ്റ്റ് ചെയ്യാനുള്ള	അഡ്റ്റ് ചെയ്യാനുള്ള	അഡ്റ്റ് ചെയ്യാനുള്ള	അഡ്റ്റ് ചെയ്യാനുള്ള	അഡ്റ്റ് ചെയ്യാനുള്ള
1	പ്രാർത്ഥനാക്കമ്മിറ്റി നിയോഗിച്ച ആരും വരുത്തുന്ന സാമ്പത്തിക പ്രവർത്തനങ്ങളിൽ നിന്നും നിയമിക്കപ്പെട്ട	96,070.03	90,296.23	82,741.43	2,42,438.56	1,84,990.53	2,69,900.41
2		5,250.22	5,906.27	7,701.54	13,619.36	13,064.72	19,898.24

Annexure No.7

**TEST REPORT**

ULR No: TC1293925000003706F					
LRI No.: SEAL25022320A			Date: 28-02-2025		Page 1 of 1
CUSTOMER DETAILS					
Customer Name & Address		M/s KGA International Traders Pvt Ltd Vazhappally, Changanacherry Kottayam District			
Customer Reference		Test Request date: 21-02-2025			
SAMPLE DETAILS					
Product Category	Atmospheric Pollution	Sample Code	EN25020826		
Sample Name	Ambient Air	Sample Received on	22-02-2025		
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	23-02-2025		
Sampled by	Lab Authorized Sampler	Test Completed on	27-02-2025		
DETAILS OF SAMPLING					
Sampling Location	Project Site	Date of Sampling	21-02-2025		
Sampling Procedure	SEAAL/CHL/SOP/7.3/02	Humidity	70%		
INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS					
Survey No.	56/67,28/65,29,51/2,3,4,5,6 & 9 in Block 105 & 4/1 in Block 104				
Village	Vazhappally	Taluk	Changanacherry		
District	Kottayam	State	Kerala		
TEST RESULTS-CHEMICAL DISCIPLINE					
SL NO	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARD
1	Particulate matter PM ₁₀	IS 5182 (Part 23): 2006	µg/m ³	52.6	100 (Max)
2	Particulate matter PM _{2.5}	IS 5182 (Part 24): 2019	µg/m ³	24.5	60 (Max)
3	Sulphur dioxide as SO ₂	IS 5182 (Part 2): 2001	µg/m ³	4.28	80 (Max)
4	Nitrogen dioxide as NO ₂	IS 5182 (Part 6): 2006	µg/m ³	5.15	80 (Max)

Remarks:

End of Report


Shency Joy
TM - Chemical
 Checked by




Ramar R.
Technical Head
 Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory. Unless requested by the customer, the samples will not be retained for more than 7 days from the date of report.

Standards Environmental & Analytical Laboratories

Accreditation & Certification:

NABL accredited Laboratory as per ISO/IEC 17025:2017 vide Certificate No. TC-12939; ISO 45001:2018 OHSAS certified laboratory.

Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110.

Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.standardslab.in, E-mail: seaalab@gmail.com

Result of Air

Annexure No.8

**TEST REPORT**

ULR No: TC1293925000003707F		
LRI No.: SEAL25022321A	Date: 28-02-2025	Page 1 of 2

CUSTOMER DETAILS	
Customer Name & Address	M/s KGA International Traders Pvt Ltd Vazhappally, Changanacherry Kottayam District
Customer Reference	Test Request date: 21-02-2025

DETAILS OF MONITORING			
Product Category	Atmospheric Pollution	Sample Code	EN25020827
Sample Name	Ambient Noise	Monitoring Commenced on	21-02-2025
Test Method	IS 9989:1981	Monitoring Completed on	22-02-2025
Monitoring Location	Project Site	Monitored by	Lab Authorized Sampler

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Survey No.	56/67,28/65,29,51/2,3,4,5,6 & 9 in Block 105 & 4/1 in Block 104		
Village	Vazhappally	Taluk	Changanacherry
District	Kottayam	State	Kerala

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	39.1	14:00	52.4	22:00	37.9
07:00	41.9	15:00	52.8	23:00	38.5
08:00	46.3	16:00	54.0	24:00	41.3
09:00	50.0	17:00	54.4	01:00	42.1
10:00	52.4	18:00	48.8	02:00	41.7
11:00	55.6	19:00	45.1	03:00	42.5
12:00	52.8	20:00	41.1	04:00	41.3
13:00	52.0	21:00	40.6	05:00	43.3


Shency Joy
 TM - Chemical
 Checked by




Ramar R.
 Technical Head
 Authorized Signatory

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Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.standardslab.in, E-mail: seaalab@gmail.com



TEST REPORT

ULR No: TC1293925000003707F

LRI No.: SEAAL25022321A

Date: 28-02-2025

Page 2 of 2

Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time	dB(A)	50.9
2	Ambient Sound Level (Leq) Night Time	dB(A)	41.7

Remarks:

End of Report



Shency Joy
TM - Chemical
Checked by



Ramar R.
Technical Head
Authorized Signatory

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'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110.

Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.standardslab.in, E-mail: seaalab@gmail.com

Result of Noise

Annexure No.9

**TEST REPORT**

ULR No: TC1293925000003705F					
LRI No.: SEAAL25022319A		Date: 28-02-2025	Page 1 of 2		
CUSTOMER DETAILS					
Customer Name & Address	M/s KGA International Traders Pvt Ltd Vazhappally, Changanacherry Kottayam District				
Customer Reference	Test Request Date: 21-02-2025				
SAMPLE DETAILS					
Product Category	Water	Sample Code	WT25020756		
Sample Name	Ground Water	Sample Received on	22-02-2025		
Sample Description by Customer	Open Well Water	Temperature @ Receipt	4°C		
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	23-02-2025		
Sample Quantity & Packing	2 L & 125 ml in a Plastic Bottle	Test Completed on	27-02-2025		
Information Provided by Customer	---	Sampled by	Lab Authorized Sampler		
DETAILS OF SAMPLING					
Sample Source	Open Well	Date of Sampling	21-02-2025		
Sampling Procedure	SEAAL/QAD/SOP/7.3/01	Sample Temperature	27.6°C		
INFORMATION PROVIDED BY CUSTOMER -SAMPLING SITE DETAILS					
Survey No.	56/67,28/65,29,51/2,3,4,5,6 & 9 in Block 105 & 4/1 in Block 104				
Village	Vazhappally	Taluk	Changanassery		
District	Kottayam	State	Kerala		
TEST RESULTS- CHEMICAL DISCIPLINE					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
1	Colour	IS 3025 (Part 4): 2021	Hazen	1	5 (Max)


Shency Joy
 TM - Chemical
 Checked by




Remya B.
 TM-Biological
 Authorized Signatory


Ramar R.
 Technical Head
 Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory. Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

Standards Environmental & Analytical Laboratories

Accreditation & Certification:

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**TEST REPORT**

ULR No: TC1293925000003705F		
LRI No.: SEAA125022319A	Date: 28-02-2025	Page 2 of 2

TEST RESULTS- CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
2	Odour	IS 3025 (Part 5): 2018	---	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10): 2023	NTU	<0.10	1.0 (Max)
4	pH @ 25°C	IS 3025 (Part 11): 2022	---	6.75	6.50-8.50
5	Conductivity	IS 3025 (Part 14): 2013	µS/cm	75.0	---
6	Total Dissolved Solids @ 180°C	IS 3025 (Part 16): 2023	mg/L	45.0	500 (Max)
7	Total Hardness as CaCO ₃	IS 3025(Part 21): 2009	mg/L	16.0	200 (Max)
8	Calcium as Ca	IS 3025(Part 40): 1991	mg/L	4.00	75 (Max)
9	Magnesium as Mg	IS 3025 (Part 46): 2023	mg/L	1.46	30 (Max)
10	Chloride as Cl	IS 3025(Part 32): 1988	mg/L	7.00	250 (Max)
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23): 2023	mg/L	10.1	200 (Max)
12	Iron as Fe	IS 3025(Part 53): 2003	mg/L	<0.10	1 (Max)
13	Sulphate as SO ₄	IS 3025 (Part 24/Sec 1): 2022	mg/L	<1.00	200 (Max)

TEST RESULTS - BIOLOGICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
1	Total Coliform Bacteria	IS 15185: 2016	----	Absent/100 ml	Absent/100 ml
2	E coli	IS 15185: 2016	----	Absent/100 ml	Absent/100 ml

Remarks:

End of Report


Shency Joy
 TM - Chemical
 Checked by




Remya B.
 TM-Biological
 Authorized Signatory


Ramar R.
 Technical Head
 Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory. Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

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Result of Water

Annexure No.10

ANNEXURE**ENVIRONMENTAL STATEMENT FORM-V
(See rule 14)***Environmental Statement for the financial year ending with 31st March***PART-A**

- i. *Name and address of the owner/
occupier of the industry* K.C. EAPEN [DIRECTOR]
M/s KGA INTERNATIONAL TRADES PVT. LTD.
XVI/318-1, KUNDANOOR, MARADU P O,
ERNAKULAM, 682304, KERALA.
- operation or process.* COMMERCIAL PROJECT
- ii. *Industry category Primary-(STC Code) Secondary- (STC Code)*
- iii. *Production category – Units.*
- iv. *Year of establishment*
- v. *Date of the last environmental statement submitted.*

PART –B*Water and Raw Material Consumption:*

- i. *Water consumption in m³/d*

*Process :**Cooling :**Domestic :*

ESTIMATED TOTAL
WATER CONSUMPTION : 502.59 m³ / d

Name of Products	Process water consumption per unit of products	
	During the previous financial year	During the current financial year
1.		
2.		
3. NA	NA	NA
4.		
5.		
6.		

ii. *Raw material consumption*

Name of raw materials*	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year	During the current financial year
NA	NA	NA	NA

* Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

PART-C

Pollution discharged to environment/unit of output
(Parameter as specified in the consent issued)

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage of variation from prescribed standards with reasons.
(a) Water			NOT APPLICABLE
(b) Air			

--	--	--	--

PART-D**HAZARDOUS WASTES**

(as specified under Hazardous Wastes (Management & Handling Rules, 1989).

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
1. From Process	NA	NA
2. From Pollution Control Facilities	NA	NA

PART – E**SOLID WASTES:**

Solid Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
a. From process	NA	NA
b. From Pollution Control Facility	NA	NA
c. Quantity recycled or re-utilised within the unit.	PROJECT IS PROPOSED WITH AN STP OF 285 KLD	PROJECT IS PROPOSED WITH AN STP OF 285 KLD

PART – F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

PART-G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.

PART – H

Additional measures/investment proposal for environmental protection including abatement of pollution.

PART –I**MISCELLANEOUS:**

Any other particulars in respect of environmental protection and abatement of pollution.

NA

Form V

PLATES

Plate No. 1



Photograph of the Water Sprinkling

Plate No. 2





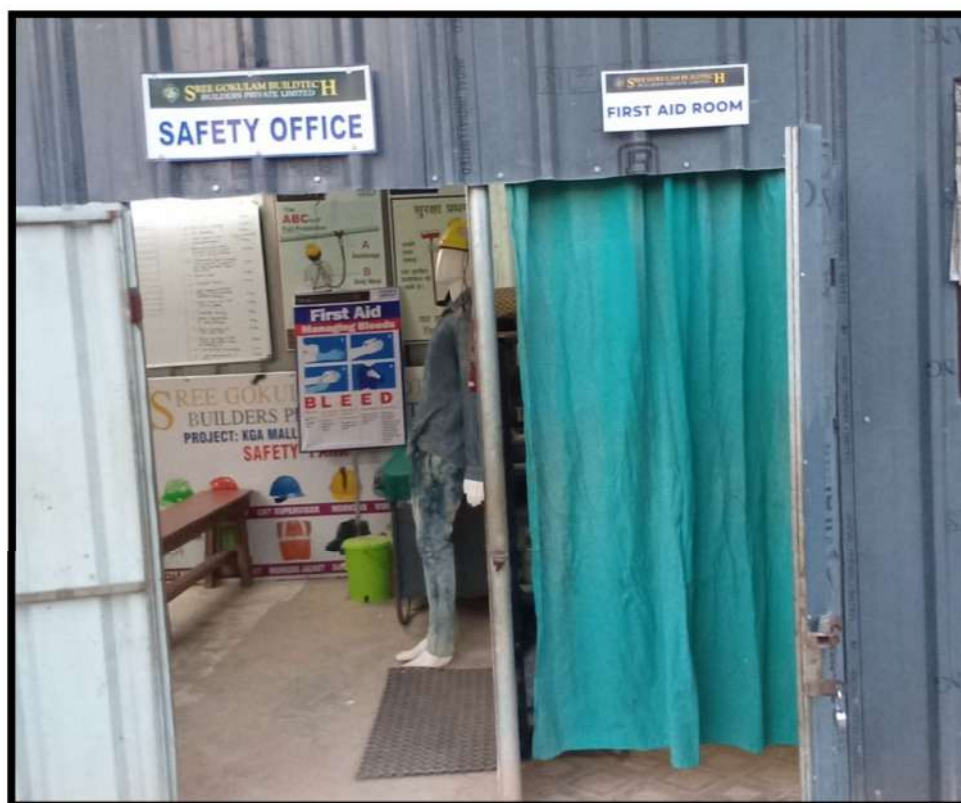
Photograph of the Project site

Plate No. 3



Photograph of the D G Set

Plate No.4



Photograph of the First Aid Room

Plate No. 5



Waste Collecting Bins