

HALF YEARLY COMPLIANCE REPORT FOR GRANITE BUILDING STONE QUARRY

**EC No. 28/Q/2025 Dated 10/03/2025, Proposal No. SIA/KL/MIN/72951/2022, File No.
1590/EC1/2019/SEIAA**

Granite Building Stone Quarry of Mr. Eldho Issac

Situated At

**Sy. No. 208/1 in Alanallur III Village,
Mannarkkad Taluk, Palakkad, Keralam State.**

October 2025 – March 2026

Prepared By

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Eldho Issac

Kolliailil House

Vengola P.O., Perumbavoor, Ernakulam

To,
The Director MoEF&CC,
Regional Office (South Zone),
KendriyaSadan, IVth floor, E&F Wing ,17th main Road, Second Block,
Koramangala Banglore .

Respected Sir,

Sub: Half Yearly Compliance Report of Granite Building Stone Quarry Project for the period
October 2025 – March 2026.

Ref: EC No. 28/Q/2025 Dated 10/03/2025, Proposal No. SIA/KL/MIN/72951/2022,
File No. 1590/EC1/2019/SEIAA

We wish to draw your kind attention and inform you that our quarry project was granted
Environmental Clearance (EC) vide EC No. 28/Q/2025 dated 10.03.2025 (File No.
1590/EC1/2019/SEIAA).

Subsequently, an application for the execution of the quarry lease has been submitted to the
Director of Mining and Geology, Thiruvananthapuram, through the District Geologist,
Department of Mining and Geology, Palakkad. Quarry operations will commence only after
obtaining the Lease Order from the concerned Department.

All other statutory clearances, including the Explosives License and the Consent to Operate
(CTO) from the Kerala State Pollution Control Board (KSPCB), have been obtained. Copies of
these approvals are enclosed with this Half-Yearly Compliance Report.

With reference to the above, we hereby submit the Half-Yearly Compliance Report in respect of
the above-mentioned Environmental Clearance. Also enclosed are copies of the statutory
licenses and the Environmental Compliance Monitoring Report for the latest monitoring season.

Place: Palakkad

Date: 13-07-2026

(Authorized Signatory)

Copy To,

Member Secretary / Chairman SEIAA Kerala

KSRTC Complex, Thampanoor

Thiruvananthapuram, Kerala

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1. INTRODUCTION

Granite Building Stone Quarry of Mr. Eldho Issac, is situated at Sy. No. 208/1 in Alanallur III Village, Mannarkkad Taluk, Palakkad District, Keralam State.

Granite Building Stone Quarry of Mr. Eldho Issac was obtained with the Environmental Clearance (EC No. 28/Q/2025) by State Environmental Impact Assessment Authority on 10-03-2025. As part of Specific Condition No.8 & General Condition No.9.11 of Environmental Clearance order and EIA Notification the half yearly compliance report needs to be submitted by the project proponent.

This report contains the compliance of conditions of Environmental Clearance for the period of October 2025 – March 2026.

**COMPLIANCE TO THE CONDITION STIPULATED IN THE ENVIRONMENTAL
CLEARANCE ISSUED BY STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT
AUTHORITY, KERALA**

2. SPECIFIC CONDITIONS

Table 2. Specific Conditions

Sl. No.	Specific Conditions	Compliance Status
S-1	The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.	We assure that all the quarrying activities will be carried out as per the Approved Mining Plan and strictly follows all the Kerala Minor Concession Rules 2015 and amendments thereby.
S-2	The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.	Noted for compliance and we will scrupulously follows the directions contained. The quarry lease has not yet been executed, as the Lease Order from the Department of Mining and Geology is still awaited. Consequently, quarry operations have not commenced. Mining activities will be initiated only after obtaining the Lease Order from the concerned Department. A copy of the executed Lease Order will be submitted to the State Environment Impact Assessment Authority (SEIAA) before the commencement of mining operations.
S-3	The EC issued will be subject to a review by SEAC after 5 years through field verification to ensure that mining is carried out sustainably as per the EC conditions.	Noted. We shall comply with all Environmental Clearance (EC) conditions and undertake mining operations in a sustainable and environmentally responsible manner.
S-4	All the assurances and the mitigation measures committed by the Project Proponent as per the minutes of public hearing should be complied with and submit the report along with HYCR.	The quarry operations have not yet commenced as the Lease Order is still awaited from the Department of Mining and Geology. The assurances and mitigation measures committed during the Public Hearing will be implemented upon commencement of quarry operations, and the compliance status will be submitted in the subsequent Half-Yearly Compliance Reports.
S-5	The blasting methodology, blasting pattern and blasting operations should strictly be as per the recommendations contained in the report of April 2023 submitted by M/s. NIT, Karnataka	Noted for compliance and we will scrupulously follow the directions contained.
S-6	Since the project area located within 10km	Noted for compliance and we will

	radius from the Silent Valley National Park, the Project Proponent has to obtain Wildlife Clearance from the SCNBWL as per the OM dated 17.05.2022 of MoEF&CC as per the directions in the Hon'ble Supreme Court Judgement dated 26.04.2023 in IA 13177 of 2022 before the commencement of mining	scrupulously follow the directions contained.
S-7	The Authority makes it amply clear that EC issued does not necessarily imply that Wildlife clearance shall be granted to the Project Proponent and that the proposal for Wildlife clearance will be considered by the respective Authorities on its merit and decision taken accordingly. The investment made in the project if any based on this EC in anticipation of clearance from Wildlife angle shall be entirely at the cost and risk of the Project Proponent and MoEF&CC and SEIAA shall not be responsible in this regard in any manner.	Noted for compliance and we will scrupulously follow the directions contained.
S-8	Copy of the EC shall be marked to IGF (WL), MoEF&CC, PCCF and Chief Wildlife Warden, Kerala, District Collector, Palakkad and Department of Industries GoK, besides others for information and necessary further action.	Noted for compliance and we will scrupulously follow the directions contained.
S-9	Copy of the EC shall be marked to Deputy Conservator of Forests & Wildlife Warden of Silent Valley National Park and to the District Geologist. They are directed to ensure that Project Proponent will not commence the mining operations without clearance from SCNBWL.	Noted for compliance and we will scrupulously follow the directions contained.
S-10	The Mining and Geology Department shall issue permit / lease only after the production of the NOC from the Irrigation Officer in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003. The Project Proponent shall scrupulously follow all the conditions in the NOC issued by the Irrigation Officer. The Project Proponent shall submit copy of the NOC with the first HYCR	The NOC from the Irrigation Officer, as required under Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003, has been obtained. A copy of the NOC is enclosed as Annexure No 4.
S-11	The transportation management plan should be strictly implemented to prevent the impact on road traffic.	Quarry operations have not yet commenced. The Transportation Management Plan will be implemented upon commencement of quarry operations and will be strictly complied with.
S-12	Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti),	Noted for compliance and we will scrupulously follow the directions contained.

	Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicheria oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.	
S-13	Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.	Noted for compliance and we will scrupulously follow the directions contained.
S-14	Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.	Noted for compliance and we will scrupulously follow the directions contained.
S-15	Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.	Noted for compliance and we will scrupulously follow the directions contained.
S-16	The haulage road should be provided with sprinkling facility to prevent dust pollution.	Noted for compliance and we will scrupulously follow the directions contained.
S-17	Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.	Quarry operations have not yet commenced, and the lease order is yet to be obtained. The drainage system will be provided prior to the commencement of mining, immediately after obtaining the lease order.
S-18	Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).	Noted for compliance and we will scrupulously follow the directions contained.
S-19	Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.	Noted for compliance and we will scrupulously follow the directions contained.
S-20	Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.	Noted for compliance and we will scrupulously follow the directions contained.
S-21	Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.	Noted for compliance and we will scrupulously follow the directions contained.
S-22	The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.	Noted for compliance and we will scrupulously follow the directions contained.
S-23	Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan	Quarry operations have not yet commenced, and the lease order is yet to be obtained. Implementation of the CER Plan will be initiated immediately after obtaining the lease order and the

		commencement of quarrying activities, in accordance with the Environmental Clearance conditions.																								
S-24	Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm)	Noted for compliance and we will scrupulously follow the directions contained.																								
S-25	Adequate sanitation, waste management and restroom facilities should be provided to the workers.	Noted for compliance and we will scrupulously follow the directions contained.																								
S-26	Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.	Noted for compliance and we will scrupulously follow the directions contained.																								
S-27	The Environment Management Cell (EMC) should include one subject expert in environment management and local ward member. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.	The project proponent has constituted an Environmental Management Cell (EMC) for effective implementation of environmental safeguards and statutory requirements. The EMC includes a subject expert in environmental management to ensure proper monitoring and compliance. The details of the monitoring cell are provided below																								
<table border="1"> <thead> <tr> <th colspan="3">Environmental Management Cell (EMC)</th></tr> <tr> <th>SI No</th><th>Name</th><th>Designation</th></tr> </thead> <tbody> <tr> <td>1</td><td>Eldho Issac</td><td>Head of the cell (Proprietor)</td></tr> <tr> <td>2</td><td>Kanhaiyakumar</td><td>Mines Manager</td></tr> <tr> <td>3</td><td>Rahul V N</td><td>Supervisor</td></tr> <tr> <td>4</td><td>Basheer</td><td>Panchayath Ward Member</td></tr> <tr> <td>4</td><td>Arunkumar R.</td><td>Subject Expert-Environmental Consultancy</td></tr> <tr> <td>5</td><td>M/s Standards Laboratory</td><td>Environmental Monitoring Agency</td></tr> </tbody> </table>			Environmental Management Cell (EMC)			SI No	Name	Designation	1	Eldho Issac	Head of the cell (Proprietor)	2	Kanhaiyakumar	Mines Manager	3	Rahul V N	Supervisor	4	Basheer	Panchayath Ward Member	4	Arunkumar R.	Subject Expert-Environmental Consultancy	5	M/s Standards Laboratory	Environmental Monitoring Agency
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S-28	Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.	Noted for compliance and we will scrupulously follow the directions contained.																								
S-29	Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.	Noted for compliance and we will scrupulously follow the directions contained.																								
S-30	In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.	Only NONEL (Non-Electrical) technology will be used for all blasting operations. Ground vibration levels will be maintained well within the DGMS permissible limit of 15 mm/sec. We assures that only NONEL technology will be used for all future blasting operations, and continuous monitoring will be undertaken to ensure compliance with DGMS vibration																								

		limits so as to avoid any calamities / damages.
S-31	As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost	Quarry operations have not yet commenced, and the lease order is yet to be obtained. The EMP/CER activities will be implemented from the commencement of the project in consultation with the Local Self Government Institution, in accordance with the Environmental Clearance condition and MoEF&CC O.M. No. F.No. 22-65/2017-IA.III dated 30.09.2020. The approved EMP/CER plan will be shared with the concerned Panchayat, and the prescribed CER expenditure (2% of the project cost) will be incurred as stipulated.
S-32	As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16 th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.	Noted for compliance and we will scrupulously follow the directions contained. The reclamation will be started gradually and the benches will be reclaimed with planation, flora, fauna etc. We assure that, as a compensation of loss of trees in the core area we will plant at least 5 times of the loss of trees that has occurred and follow planting measures suggested by SEAC. We will be Properly upkeep and maintain planted seedlings.
S-33	The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.	Quarry operations have not yet commenced, and the lease order is yet to be obtained. CCTV cameras and other necessary security measures will be installed on commencement of quarry operations.
S-34	The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.	Noted for compliance. We will give priority to the conditions stipulated in the Environmental Clearance Order during execution. All possible measures are being implemented at the project site for the conservation and protection of the environment. The conditions prescribed by SEIAA are being strictly followed, and all operations are carried out in accordance with the Environment (Protection) Act, 1986 and other applicable regulations.

3. GENERAL CONDITIONS

Table 3. General Conditions

Sl. No	General Conditions	Compliance Status
1	<u>Statutory Compliances</u>	
G-1.1	The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project	We shall comply with all applicable orders and directions issued by the Hon'ble Supreme Court of India, Hon'ble High Courts, the National Green Tribunal (NGT), and any other competent Court of Law, as applicable to the project, from time to time
G-1.2	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	No forest land is involved in the project. Hence, the provisions of the Forest (Conservation) Act, 1980 (as amended) are not applicable.
G-1.3	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	A certificate has been obtained from the Wildlife Warden, Kerala Forest & Wildlife Department, stating that the project is located 4.430 km from the boundary of Silent Valley National Park and 1.775 km from the boundary of the draft Eco-Sensitive Zone (ESZ) of Silent Valley National Park. A copy of the certificate is enclosed as Annexure 9.
G-1.4	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the sixmonthly compliance report (in case of the presence of	No Schedule-I species were recorded in the study area.

	schedule-I species in the study area).	
G-1.5	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. A copy of the same shall be included with HYCRs	Consent to Establish (CTE) under the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 has been obtained from the Kerala State Pollution Control Board. A copy of the Consent to Establish is enclosed with this Half-Yearly Compliance Report as Annexure 3 .
G-1.6	The project proponent shall obtain the necessary permission from the Central / State Ground Water Authority, if the project intersects ground water table.	We assure that mining will be carried out strictly in accordance with the approved Mining Plan. The maximum depth of mining will remain above the local groundwater table therefore, the mining operations will not intersect the groundwater table.
G-1.7	Solid/hazardous waste generated in the mines needs to be addressed in accordance to the Solid Waste Management Rules, 2016/Hazardous & Other Waste Management Rules, 2016.	Any solid and hazardous waste generated from the project will be managed in accordance with the Solid Waste Management Rules, 2016 and the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Spent oil will be stored in a covered shed on a sand bed and handed over to KSPCB-authorized recyclers for safe disposal.
G-1.8	Permission of power supply to be taken from the concerned authority for meeting power demand of the project site.	The project requires only minimal electricity. No power supply is required for mining/quarrying operations, as all machinery operates on diesel. Electricity will be used only for a few electronic gadgets in the site office, and the necessary power supply permission will be obtained from the concerned authority, if required.
G-1.9	The maximum production or peak production at any given time shall not exceed the limit as prescribed in the approved mining plan/scheme of mining.	We assure that the production quantity will be strictly limited to the maximum annual and peak production prescribed in the approved Mining Plan and will not exceed the approved limits.
G-1.10	Project Proponent should obtain all necessary statutory clearances for mining.	We have obtained the following statutory clearances and approvals, and copies of all are attached as annexures: • Environmental Clearance from

		SEIAA • Consent from Kerala State Pollution Control Board • License from the Explosives Department • NOC from Irrigation Department
G-1.11	If EC period is more than 6 months, Half Yearly Compliance Report (HYCR) shall be uploaded in the PARIVESH Portal and also submitted to SEIAA, Kerala via email.	The Half-Yearly Compliance Report, along with the environmental monitoring results, is being submitted by email to the State Environmental Impact Assessment Authority (SEIAA), Kerala, and the Regional Office of the Ministry of Environment, Forest and Climate Change (MoEF&CC), Bengaluru.
G-1.12	The minimum distance norm from the boundary/periphery of other properties buildings/civil structures as prescribed in KMMC Rules and other statutory rules and orders shall be followed.	We will scrupulously follow the directions contained.
2	<u>Air Quality Monitoring and Mitigation Measures</u>	
G-2.1	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.	Noted for compliance and we will scrupulously follow the directions contained. All vehicles engaged in mining and allied activities will possess valid Pollution Under Control (PUC) certificates issued by authorized pollution testing centres. Vehicular emissions will be regularly monitored to ensure compliance and to minimize air pollution.
G-2.2	Applicable labour laws for mining shall be followed. Proper masks and onsite facilities shall be provided to the workers. All safety measures shall be followed while cutting laterite using machines.	Quarry operations have not yet commenced. All applicable labour laws will be complied with, and workers will be provided with the necessary personal protective equipment (PPE), including helmets and ear muffs, as well as suitable accommodation or boarding facilities, wherever required, from the commencement of quarry operations.

G-2.3	The Project Proponent shall monitor the air quality during operation and submit ambient air quality monitoring details along with the HYCRs.	Noted for compliance and we will scrupulously follow the directions contained. Ambient air quality monitoring has been carried out through an NABL-accredited laboratory. The monitoring reports are attached as Annexure 6
G-2.4	Major approach roads shall be black topped and properly maintained . The transportation of the material should be done in covered trucks to contain dust emissions.	Noted for compliance and we will scrupulously follow the directions contained.
G-2.5	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution such as haul road, loading and unloading points and transfer points and having high levels of PM10 and PM2.5. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board or State Pollution Control Board.	Quarry operations have not yet commenced. Fixed and mobile water sprinklers will be provided at dust-prone locations, including haul roads and loading/unloading points, upon commencement of quarry operations to control fugitive dust emissions. Ambient Air Quality monitoring will be carried out periodically in accordance with the applicable CPCB/KSPCB guidelines
G-2.6	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement at project site, parking area, on haul roads, loading and unloading and at transport points should be provided and properly maintained.	Quarry operations have not yet commenced. Fixed and mobile water sprinklers will be provided and properly maintained at the project site, parking area, haul roads, loading and unloading areas, and transport points to effectively control fugitive dust emissions upon commencement of quarry operations.
G-2.7	Project Proponent should install wind breaker/shield arrangement along the boundary where there are houses within 100m radius	Noted for compliance and we will scrupulously follow the directions contained.
G-2.8	Post environmental closure third party monitoring by reputed institutied in air quality, water, land & soil etc shall be carried out and analysed with EMP measures at regular interval. A suitable recommendation in this regard, shall be furnished to IRO, MoEF&CC for compliance. The data used for analysis shall be obtained from continues AQMS, site specific water regime. Also third party shall analyses the implementation of river	Noted for compliance and we will scrupulously follow the directions contained.

	diversion, meeting to the requirement of project report.	
3	<u>Water Quality Monitoring and Mitigation Measures</u>	
G-3.1	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974, and other applicable standards as amended from time to time by the Central Pollution Control Board or State Pollution Control Board.	Quarry operations have not yet commenced. The quality of effluent discharge, including mine wastewater and workshop effluent (if any), will be monitored through an NABL-accredited laboratory in accordance with the Water Act, 1974 and the applicable CPCB/KSPCB standards upon commencement of quarry operations.
G-3.2	The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No.J-20012/1/2006-1A.11(M) dated 27th May, 2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.	Noted for compliance and we will scrupulously follow the directions contained.
G-3.3	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/IRO	Noted for compliance and we will scrupulously follow the directions contained. Quarry operations have not yet commenced. The groundwater monitoring report is enclosed as Annexure 8.
G-3.4	Water quality monitoring of upstream and downstream portion of river including ponds, lakes, tanks shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.	Noted for compliance and we will scrupulously follow the directions contained.
G-3.5	Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.	Quarry operations have not yet commenced. Groundwater will not be used for mining operations. Rainwater harvesting measures will be implemented upon commencement of quarry operations for the conservation

		and augmentation of groundwater resources.
G-3.6	The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with plantation so as to withstand the peak water pressure preventing any chance of mine inundation.	There is no major water channel, river/nallah flowing near or adjacent to the mine.
G-3.7	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps, to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, and for green belt development etc. The drains shall be regularly desilted and maintained properly, particularly after monsoon.	Quarry operations have not yet commenced. No quarry waste will be discharged into public drainage systems or natural streams. Garland drains will be provided along the periphery of the pit area to collect surface runoff from the lease area. The collected runoff will be diverted to desiltation tanks within the quarry complex, where silt will be removed before the clear water is allowed to join the natural drainage. This will ensure that only clear water is discharged. All necessary measures will be taken to avoid any disturbance to the existing drainage pattern of adjacent properties. The desiltation tanks will be regularly desilted and properly maintained, particularly after the monsoon season.
G-3.8	Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB or SPCB.	Quarry operations have not yet commenced. Garland drains and silt traps will be provided around the core area to channelize storm water. The garland drains and silt traps will be desilted regularly and properly maintained, with dedicated personnel assigned for this purpose. The quality of the discharged storm water will be monitored to ensure compliance with the General Effluent Discharge Standards prescribed by CPCB/KSPCB.

G-3.9	The water pumped out from the mine, after siltation, shall be utilized for industrial purpose viz. watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.	Quarry operations have not yet commenced. Water pumped out from the mine, after siltation, will be utilized within the project area for dust suppression, green belt development, and other industrial purposes. The desiltation tanks and drains will be cleaned regularly and properly maintained, particularly after the monsoon season, to ensure their effective functioning.
G-3.10	Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.	Noted for compliance and we will scrupulously follow the directions contained. Groundwater recharge measures, including the construction of rainwater harvesting ponds will be implemented within the project site to augment groundwater resources.
G-3.11	The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations shall be prepared, considering the presence of any river/rivulet/pond/lake etc., with impact of mining activities on it, and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the provisions of the approved Mining Plan/ EIA-EMP submitted to this Ministry and the same should be done with due approval of the concerned State/GoI Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved mining plan and as per the permission of DGMS	Noted for compliance and we will scrupulously follow the directions contained. Quarry operations have not yet commenced. The surface drainage and surface water conservation measures will be implemented in accordance with the approved Mining Plan and EIA/EMP.
G-3.12	Domestic water shall be providing to the residents/villages which are coming under the zone of influence of the project due to ground water extraction by installing a RO plant with proper supply line and taps, if there is any shortage of potable water due to the mining activity	Groundwater extraction for the project is minimal and has not caused any adverse impact on nearby residents or village wells.

G-3.13	The project proponent shall take all precautionary measures to ensure the riverine/riparian ecosystem in and around the mine up to a distance of 5 km. A riverine/riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation/water resource department in the state government.	Noted for compliance and we will scrupulously follow the directions contained. The water conservation measures will be implemented in accordance with the approved Mining Plan and EIA/EMP.
4	<u>Noise And Vibration Monitoring and Prevention</u>	
G-4.1	Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.	Quarry operations have not yet commenced. Adequate Personal Protective Equipment (PPE), including helmets, ear muffs, safety belts, gloves, etc., will be provided to all workers at the site to ensure their safety and compliance with the applicable statutory provisions. Awareness programmes on the safe use of PPE and the control of occupational noise exposure will be conducted at regular intervals. The use and effectiveness of these protective measures will be monitored periodically to ensure compliance with statutory requirements and the safety of workers.
G-4.2	Speed of trucks entering or leaving the mine site is to be limited to moderate speed of 15 kmph to prevent undue noise from empty trucks.	Quarry operations have not yet commenced. The speed of trucks entering and leaving the mine site will be restricted to a maximum of 15 km/h to minimize noise generation and ensure safe movement of vehicles within the project area.
G-4.3	Acoustic enclosures should be provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standard limit indicated by CPCB/KSPCB.	Noted for compliance and we will scrupulously follow the directions contained.
G-4.4	Measures should be taken for maintaining noise levels below 85 dBA in the work environment.	Noted for compliance and we will scrupulously follow the directions contained.

G-4.5	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.	Quarry operations have not yet commenced. Baseline noise level monitoring has been carried out through an NABL-accredited laboratory, and the monitoring report is enclosed as Annexure 7
5	<u>Mining Plan</u>	
G-5.1	Mining shall be carried out as per the approved mining plan (including Mine Closure Plan), suggestions from SEAC, KMMC Rules 2015 and amendments thereby and all other statutory rules and orders.	Quarry operations have not yet commenced. Mining operations will be carried out strictly in accordance with the approved Mining Plan (including the Mine Closure Plan), the recommendations of SEAC, the Kerala Minor Mineral Concession (KMMC) Rules, 2015 and subsequent amendments, and all other applicable statutory rules and orders.
G-5.2	The blasting should be done in a controlled manner using NONEL technique as specified by the regulations of Petroleum and explosive safety organization (GOI) or any other concerned authorized agency. A licensed person should supervise/ control the blasting operations mining activity should not involve blasting.	Quarry operations have not yet commenced. Blasting operations, will be carried out in a controlled manner using NONEL technology in accordance with the regulations of the Petroleum and Explosives Safety Organization (PESO), Government of India, and other applicable statutory provisions. All blasting operations will be supervised and controlled by a duly licensed and competent person, as prescribed under the Mines Act and DGMS regulations, to ensure safety and compliance. Copy of Mines manager certificate is attached as Annexure No.5
G-5.3	Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.	Noted for compliance and we will scrupulously follow the directions contained. Quarry operations have not yet commenced. Mining operations will be carried out in strict accordance with the provisions of the Mines Act, 1952, and the applicable rules and regulations framed thereunder.
G-5.4	The quarrying operation shall be restricted between 7 AM and 5PM.	Quarry operations have not yet commenced. We will strictly adhere to the stipulated quarry operating hours. Quarrying operations will be carried out only between 7:00 AM and 5:00 PM, and a display board

		indicating the permitted operating hours will be installed at the project site.
G-5.5	Maximum depth of mining shall be as per the mining plan and / or as per specific direction of SEAC. The maximum depth of mining should not be deeper than the local ground water table.	We assure that mining will be carried out strictly in accordance with the approved Mining Plan. The maximum depth of mining will remain above the local groundwater table therefore, the mining operations will not intersect the groundwater table
G-5.6	No mining operations should be carried out at places having a slope greater than 45°.	Noted for compliance and we will scrupulously follow the directions contained. Quarry operations have not yet commenced. No mining operations will be undertaken in areas having a slope greater than 45°, thereby ensuring compliance with the prescribed safety and environmental norms.
G-5.7	As per regulation no. 106(2) of Metalliferous Mines Regulation under Mine Act, the height of any bench shall not exceed five meters and breadth shall not be less than the height.	Quarry operations have not yet commenced. Benches will be developed strictly in accordance with Regulation 106(2) of the Metalliferous Mines Regulations and the approved Mining Plan. The height of each bench will not exceed 6 m, and the width of each bench will be maintained at not less than its height. The formation of benches will be carried out under the direction and supervision of a competent person.
G-5.8	The top soil, if any, shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained at 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geo textile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion /	Quarry operations have not yet commenced. Topsoil will be stored separately and used for plantation and reclamation. Overburden will be dumped only at designated sites as per the approved Mining Plan, with the prescribed dimensions, slope, and protective measures to prevent erosion. The excavated soil will be utilized for backfilling in accordance with the Mine Closure Plan.

	flow of sediments during rains. The entire excavated soil shall be used for backfilling as per mine closure plan.	
G-5.9	All the mining equipment like backhoe loaders and excavators cause pollution and hence shall be serviced regularly & maintained for their efficient functioning and for reducing pollution. Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations.	Quarry operations have not yet commenced. All mining equipment, including backhoe loaders and excavators, will be serviced and maintained regularly to ensure efficient functioning and minimize pollution. Spent oil from diesel engines will be stored safely and disposed of through authorized recyclers in accordance with the applicable rules and regulations.
G-5.10	A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.	The minimum buffer distance from the quarry boundary to nearby dwelling units, structures, forest boundaries, ecologically sensitive areas, and archaeologically important sites will be maintained in accordance with the applicable statutory rules and the Environmental Clearance conditions.
G-5.11	The lease area shall be fenced with barbed wire to a minimum height of 4ft around, before starting mining. All the boundary indicators (boards, markings, etc) shall be conspicuous and maintained at all times.	To demarcate the lease area and prevent the entry of animals or humans and the dumping of garbage, we have installed barbed metal wire fencing around the lease area.
G-5.12	Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department. Blasting mats to reduce fly rock blasts to a maximum of 10 PPV should be provided.	Noted for compliance and we will scrupulously follow the directions contained.
G-5.13	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department.	Noted for compliance and we will scrupulously follow the directions contained.
G-5.14	Periodical monitoring of the vibration at specified location (preferably at a distance of 50 m and 100 m) to be conducted and records kept for inspection. This could also form a part of the compliance reports.	Noted for compliance and we will scrupulously follow the directions contained.

G-5.15	The pits in the abandoned quarries and in the mined area shall be used for activities like water harvesting, aqua culture etc. in an eco-friendly manner.	Noted for compliance and we will scrupulously follow the directions contained.
G-5.16	Mine has to be closed as per progressive mine closure plan and final mine closure plan.	We will implement the Progressive Mine Closure Plan and the Final Mine Closure Plan in accordance with the approved Mining Plan and the applicable statutory provisions.
6.	<u>Land Reclamation</u>	
G-6.1	Regular monitoring of subsidence movement on the surface over and around the working areas and its impact on natural drainage pattern, water bodies, vegetation, structure, roads and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence beyond the limit prescribed, appropriate effective mitigation measures shall be taken to avoid loss of life and materials. Cracks should be effectively plugged in with ballast and clay soil/suitable material.	Noted for compliance and we will scrupulously follow the directions contained.
G-6.2	Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1:50,000 scale or as notified by Ministry of Environment, Forest and Climate Change(MOEFCC) from time to time shall be submitted to MOEFCC/Regional Office (RO).	Noted for compliance and we will scrupulously follow the directions contained.
G-6.3	Appropriate fencing all around the burrowed/excavated pit shall be made to prevent any mishap.	Noted for compliance and we will scrupulously follow the directions contained.
G-6.4	Post-mining land be rendered usable for agricultural/forestry purposes and shall be handed over to the respective State Government, as specified in the Guidelines for Preparation of Mine Closure Plan, issued by the Ministry of Coal dated 27th August, 2009 and subsequent amendments.	Noted for compliance and the directions contained shall be scrupulously followed. Post-mining, the excavated land will be scientifically reclaimed and rendered suitable for agricultural/forestry purposes in accordance with the Mine Closure Plan. Progressive reclamation will be undertaken by backfilling the excavated area, stabilizing

		it through plantation with suitable native species, and restoring the land to a productive use.
G-6.5	The project proponent should plant seedlings at least 5 times of the loss of trees that has occurred while clearing the land for the project and follow planting measures as suggested by SEAC. Suitable avenue trees should be planted along the sides of the approach road and internal roads and open parking areas, if any. Preference should be given to endemic native and fruit bearing species. Planting in buffer areas should be taken up beforehand. Proper upkeep and maintenance of planted seedlings shall be ensured by the project proponent.	Quarry operations have not yet commenced. Compensatory afforestation will be undertaken by planting at least five times the number of trees lost during land clearing, in accordance with the Environmental Clearance conditions. Preference will be given to endemic, native, and fruit-bearing species as recommended by SEAC. Plantation will be carried out along the approach road, internal roads, open areas, and buffer zone. Regular watering, protection, and maintenance of the planted seedlings will be ensured to promote their survival and healthy growth, and the plantation programme will be continued progressively throughout the project period.
G-6.6	The project proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad leaved plants.	Quarry operations have not yet commenced. The existing vegetation in the buffer zone will be retained and protected without disturbance. To strengthen the green cover, native broad-leaved plant species will be planted progressively. Regular care and maintenance will be provided to ensure healthy growth and ecological stability within the buffer zone.
G-6.7	Thorough inspection of the mine lease area for any cracks developed at the surface due to mining activities below ground shall be carried out to prevent inrush of water in the mine.	Quarry operations have not yet commenced. The project is a granite building stone quarry proposed to be operated by the opencast method. As no underground mining is involved, the risk of cracks due to underground workings or inrush of water is not anticipated. However, regular inspections of the mine lease area will be carried out during quarry operations, and any observed cracks or safety issues will be addressed promptly.
G-6.8	Native tree species shall be selected and planted over areas of greenbelt and compensatory afforestation affected by subsidence	Noted for compliance and the directions contained shall be scrupulously followed.

G-6.9	Eco-restoration including the closure of mine as per the progressive closure plan and final closure plan shall be done at the cost of the project proponent. This eco-restoration should follow scientific standards available for restoration, full recovery of the original vegetation and improving the resilience of different ecosystems. Overburden materials should be managed within the site and used for reclamation of mined pit as per mine closure plan / specific conditions.	• Quarry operations have not yet commenced. Eco-restoration of the quarry area will be undertaken in accordance with the Progressive Mine Closure Plan and Final Mine Closure Plan, entirely at the cost of the Project Proponent. The restoration will follow scientific standards and best practices and will include: • Reclamation of mined pits using overburden material generated within the site; • Progressive backfilling and land contouring to restore the landscape; • Soil enrichment and plantation with suitable native species to facilitate the recovery of vegetation; and • Enhancement of ecosystem resilience through biodiversity-friendly plantation and stabilization measures. • The eco-restoration process will be implemented in a phased and systematic manner to ensure that the post-mining landform is safe, stable, and capable of supporting agriculture, forestry, and ecological functions.
G-6.10	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with suitable indigenous plant species, if no other specific condition on reclamation of pit is stipulated in the E.C. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.	The project is an opencast granite building stone quarry, and mining will be carried out above the local groundwater table. No deep pit formation below the groundwater table is envisaged. In line with sustainable practices, a rainwater harvesting (RWH) pond will be developed within the lease area to serve as a permanent water storage facility. Upon completion of quarrying, the remaining excavated areas will be progressively reclaimed through backfilling with overburden and topsoil, land contouring, and plantation with suitable

		indigenous species, in accordance with the approved Mine Closure Plan. The rehabilitated areas will be monitored and maintained until the vegetation becomes self-sustaining, ensuring ecological stability and long-term land usability.
7	<u>Public Hearing and Human Health Issues</u>	
G-7.1	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored.	Noted for compliance and we will scrupulously follow the directions contained.
G-7.2	The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check-up, 20% of the personnel identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, as amended time to time	Noted for compliance and we will scrupulously follow the directions contained.
G-7.3	The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.	Noted for compliance and we will scrupulously follow the directions contained
G-7.4	Skill training as per safety norms specified by DGMS shall be provided to all workmen including the outsourcing employees to ensure high safety standards in mines.	Noted for compliance and we will scrupulously follow the directions contained
G-7.5	Safeguards shall be adopted against health risks on account of breeding of vectors in the waterbodies created due to burrowing/excavation of laterite building stone.	Noted for compliance and we will scrupulously follow the directions contained
G-7.6	Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.	Noted for compliance and we will scrupulously follow the directions contained

G-7.7	Implementation of the time bound action plan on the issues raised during the public hearing shall be ensured. The project proponent shall undertake all the tasks/measures as per the time bound action plan submitted with budgetary provisions during the public hearing.	Noted for compliance and we will scrupulously follow the directions contained
G-7.8	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/5712014-IA.II (M) dated 29th October, 2014, titled 'Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area', if applicable	Noted for compliance and we will scrupulously follow the directions contained
G-7.9	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.	Noted for compliance and we will scrupulously follow the directions contained. Quarry operations have not yet commenced. Quarrying activities will be carried out only during the permitted daytime hours, and no operations will be undertaken at night.
8	<u>Corporate Environment Responsibility</u>	
G-8.1	The company shall have a well laid down environmental policy duly approve 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	Noted for compliance and we will scrupulously follow the directions contained.

	norms/conditions and/or shareholders/ stake holders	
G-8.2	The Project Proponent shall implement the EMP and environmental conditions along with CER from the comments of activity. 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/SEIAA along with the Six Monthly Compliance Report.	Quarry operations have not yet commenced. The Project Proponent will implement the Environmental Management Plan (EMP), Environmental Clearance conditions, and CER activities from the commencement of the project. Year-wise funds earmarked for environmental protection measures will be maintained in a separate account and will not be diverted for any other purpose. The progress of implementation of the action plan will be monitored and reported to the Ministry/Regional Office through the Half-Yearly Compliance Reports.
G-8.3	Corporate Environmental Responsibilities (CER) as prescribed by SEIAA/SEAC should be carried out leading to environmental stability of the project region. The certificates from the beneficiaries, if the CER part is completed should also be submitted to the State Environment Impact Assessment Authority (SEIAA) along with year wise expenditure.	Noted for compliance and we will scrupulously follow the directions contained.
G-8.4	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Noted for compliance and we will scrupulously follow the directions contained.
G-8.5	Persons of nearby villages shall be given training on livelihood and skill development to make them employable with its proper records.	Noted for compliance and we will scrupulously follow the directions contained.
9	<u>Miscellaneous</u>	
G-9.1	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.	A notarized affidavit indicating the Environmental Clearance proceedings number and date, affirming compliance with all EC conditions, is attached as Annexure 10.
G-9.2	The project authorities shall inform to the Regional Office of the MoEFCC/SEIAA regarding commencement of activity.	Quarry operations have not yet commenced, and the lease order is yet to be obtained. We will inform the Regional Office of MoEF&CC and SEIAA, Kerala regarding the commencement of quarry operations

		after obtaining the lease order and before the start of project activities.
G-9.3	No further expansion or modifications in the project shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC) or SEIAA, Kerala.	No expansion or modification of the project will be carried out without prior approval from MoEF&CC.
G-9.4	In the case of any change(s) in the scope of the project, extent, quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which the E.C was issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority. In the case of transfer of ECs, the matter shall be intimated and get the approval from the Authority as per the existing norms	The Project Proponent shall abide by the directions of SEIAA, Kerala. The project will be implemented strictly in accordance with the approved Environmental Clearance and Mining Plan, and no change in the scope of the project is proposed. There is no change in the scope of the project. The project will seek for a new Environmental clearance in the case of any changes in the scope of the project.
G-9.5	All the statutory clearances should be obtained, as applicable, by the project proponent from the respective competent authorities including that for blasting and storage of explosives. Copies of all statutory clearances shall be submitted along with First Half Yearly Compliance Report.	We have obtained the following statutory clearances and approvals, and copies of all are attached as annexures: • Environmental Clearance from SEIAA • Consent from Kerala State Pollution Control Board • License from the Explosives Department • NOC from Irrigation Department
G-9.6	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which, one shall be in the vernacular language within seven days, and in addition, the EC shall also be displayed on the project proponent's website permanently	The project was advertised in two widely circulated local newspapers ie The Hindu(English daily) & Malayala Manorama(Malayalam daily) on 07-07-2026. Photos of the same attached.

		
		
G-9.7	The project proponent shall send a copy of the EC to concerned Grama Panchayat / District Panchayat / Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.	Copy of EC has been forwarded to the secretary of Grama Panchayat and also EC displayed in the website www.eldhoissac.com
G-9.8	The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.	Quarry operations have not yet commenced, and the lease order is yet to be obtained. A metallic display board containing the details of the Environmental Clearance and a signboard showing the lease area and boundaries will be installed at the entrance of the quarry, in the prescribed format, before the commencement of quarry operations.

G-9.9	The project proponent must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted for compliance and we will scrupulously follow the directions contained.
G-9.10	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, if any, commitment made during Public Hearing, if any and also during their presentation to the State Expert Appraisal Committee.	Noted for compliance and we will scrupulously follow the directions contained.
G-9.11	The project proponent shall upload the status of compliance with the stipulated environment clearance conditions, including results of monitored data on their website and update the same on a half-yearly basis. The HYCRs shall be uploaded in the PARIVESH Portal to IRO MoEF&CC, Bangalore & SEIAA, Kerala.	This is the first Half-Yearly Compliance Report. The status of compliance with the Environmental Clearance conditions, including the environmental monitoring results, is being uploaded on the company's website (www.eldhoissac.com) and submitted through the PARIVESH Portal to the Integrated Regional Office (IRO), MoEF&CC, Bengaluru, and SEIAA, Kerala. The same will continue to be updated and submitted on a half-yearly basis in accordance with the Environmental Clearance conditions.
G-9.12	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the PARIVESH portal.	This is the first Half-Yearly Compliance Report. The report is being submitted on the PARIVESH Portal in compliance with the stipulated Environmental Clearance conditions. Subsequent Half-Yearly Compliance Reports will also be submitted through the PARIVESH Portal at six-monthly intervals.
G-9.13	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.	Noted for compliance and we will scrupulously follow the directions contained.
G-9.14	The Regional Office of the MoEF&CC and the SPCB shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office / SPCB or any other officers delegated by the SEIAA, by furnishing the requisite data /	We will extend full cooperation to the officers from the Regional Office of MoEF&CC in monitoring the compliance of the stipulated conditions and will provide all requisite data, information, and monitoring reports as requested

	information/monitoring reports	
G-9.15	If Government land is partly or fully used for mining, the area shall be returned at the end of lease period after mine closure with separate demarcation with suitable survey marks.	We confirm that the mining is being carried out on consented private land.
G-9.16	Any accident occurring in the mined out area after the lease period due to negligence in carrying out safety measures and non-closure, will lead to suspension of all EC obtained for mining by the project proponent.	We will ensure strict adherence to all safety and closure measures to prevent such incidents.
G-9.17	In case of transfer of EC the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.	Noted for compliance and we will scrupulously follow the directions contained. We will intimate the Authority and obtain approval in accordance with existing norms in the event of any transfer of the Environmental Clearance
G-9.18	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Noted for compliance
G-9.19	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.	We ensure that all information and data submitted to the regulatory authorities are true, accurate, and authentic. No false, fabricated, or misleading information will be furnished, and all provisions of the Environment (Protection) Act, 1986, shall be strictly complied with.
G-9.20	The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.	The Project Proponent shall abide by the directions of the State Disaster Management Authority (SDMA).

G-9.21	The Environmental Clearance will be subject to the final order of the courts on any pending litigation related to the land or project, in any court of law.	There is no pending litigation related to the land or project in any court of law.
G-9.22	The SEIAA, Kerala reserves the right to stipulate additional conditions if found necessary. The Project Proponent in a time-bound manner shall implement these conditions.	The Project Proponent shall comply with any additional conditions stipulated by SEIAA, Kerala, from time to time and shall implement the same within the prescribed time frame.
G-9.23	The SEIAA, Kerala reserves the right to revoke or suspend the Environmental Clearance, if implementation of any of the above conditions is not satisfactory.	The Project Proponent is aware of the condition and shall ensure strict compliance with all the Environmental Clearance conditions.
G-9.24	The Environmental Clearance shall be liable to be cancelled in case of violation of any of the above conditions.	The Project Proponent is aware of the condition and shall ensure strict compliance with all the Environmental Clearance conditions.
G-9.25	Any appeal against this Environmental Clearance 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.	We confirm that no appeal has been filed against this Environmental Clearance for this project.

ANNEXURES

ANNEXURE 1
Environmental Clearance



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Kerala)

To,

The PROPRIETOR
 GRANITE BUILDING STONE QUARRY OF MR ELDHO ISSAC
 ELDHO ISSAC, KOLLIALIL HOUSE, VENGOLA PO, PERUMBAVOOR,
 ERNAKULAM -683556

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 SEIAA vide proposal number SIA/KL/MIN/72951/2022 dated 09 May 2022. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC25B001KL149557
2. File No.	1590/EC1/2019/SEIAA
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	1(a) Mining of minerals
6. Name of Project	GRANITE BUILDING STONE QUARRY OF MR. ELDHO ISSAC
7. Name of Company/Organization	GRANITE BUILDING STONE QUARRY OF MR ELDHO ISSAC
8. Location of Project	Kerala
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 10/03/2025

(e-signed)
 Mir Mohammed Ali IAS
 Member Secretary
 SEIAA - (Kerala)

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.

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**PROCEEDINGS OF THE
STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT
AUTHORITY – KERALA, THIRUVANANTHAPURAM**

*(Present : Dr.H.Nagesh Prabhu IFS (Retd), Chairman,
Shri.K.Krishna Panicker, Member, Dr.Rathan U.Kelkar IAS, Member Secretary)*

Sub:- Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Eldho Issac, Kollialil House, Vengola PO Perumbavoor, Ernakulam, Kerala - Granted – Orders issued.

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA

Proposal No. SIA/KL/MIN/72951/2022

File No. 1590/EC1/2019/SEIAA

Ref: 1. Application for EC received from Sri. Eldho Issac on 09.05.2022.
2. Minutes of the 173rd meeting of SEAC held on 04th, 05th and 06th November 2024.
3. Minutes of the 151st meeting of SEIAA held on 30th & 31st December 2024.

ENVIRONMENTAL CLEARANCE NO. 28/Q/2025

Sri. Eldho Issac, Kollialil House, Vengola P.O., Perumbavoor, Ernakulam, read as 1st paper above, submitted an application for Environmental Clearance for the Granite Building Stone Quarry Project for an area of 4.7023 Ha at Sy. No. 208/1 in Alanallur III Village, Mannarkkad Taluk, Palakkad.

1. Project Details

Sl. No	Particulars	Details
1	Name of the Project	Granite Building Stone Quarry Project of Sri. Eldho Issac. S
2	Proposed Activity	Mining of Granite Building Stone
3	Name of the Sector & Schedule No. (in the EIA Notification, 2006)	Non Coal mining, Activity 1(a), Category B2

4	Name & Address of the Project Proponent	Sri. Eldho Issac Kolliallil House Vengola PO Perumbavoor Ernakulam- 683556
5	Project Location	
	a) Survey No.	208/1
	b) Revenue Village	Alanallur III
	c) Taluk	Mannarkkad
	d) District	Palakkad
6	Extent (in Hectare)	4.7023 Ha
7	Project Cost	Rs. 4.2 Crores
8	Mineable Reserve	As per the Approved Mining plan
9.	Date of Field inspection	28.09.2022

II. EMP DETAILS

Sl No.	Activity	Initial cost (Lakh)	Recurring expenses (Lakh)
1.	Environmental monitoring (Air, Water, Noise, Soil and etc.,)		3.50
2.	Air Pollution Control Measures (Trucks for water spraying, tarpaulins for covering, water pumps)		5.60
3.	Plantation	2.00	1.00
4.	Water Pollution Control Measures such as gully checks, rubble walls, garland drains within the quarry, etc.	6.00	2.00
5.	Preventive and corrective maintenance of plant and machinery to reduce noise pollution and consumption of non-renewable resources		1.50
6.	Occupational Health & Safety (provision of first aid room, shelter, providing PPEs)	3.00	1.50
Sub Total		11.00	15.1
Grand Total		26.1	

III. CER DETAILS

Sl No.	Particulars	Amount
1.	Open well deepening and strengthening works in Chundottukunnu S.T. Colony, Alanallur, Palakkad including maintenance	13,00,000
2.	Maintenance works (recurring)	2,00,000
3.	Honeybee Farming 1 box	3290
4.	Honeybee Farming recurring amount.	1150
5.	Composting of Poultry Wastes	50,000
6.	Composting of Poultry wastes recurring amount	2505
	Grand Total	15,56,945

2. After due appraisal, in the 173rd SEAC meeting, the Committee recommended EC for 16 years subject to certain Specific Conditions in addition to the general conditions and production of NOC from the Irrigation Department in compliance to Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003.

3. In the 151st meeting, the Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the project based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, EIA report, and the Field Inspection Report and recommended EC for 16 years subject to the following specific conditions in addition to the general conditions. The Authority noted that for the sustainable management of quarry operations, the approved mining plan is revised every five years till the project life of mine as per KMMC Rules, incorporating scheme of activities to be carried out for the next 5 years. Authority is of the opinion that it is essential to match these procedures and time lines followed in the department of Mining and Geology with the time lines ECs issued for the sustainable management of quarry operations and protection of environment in the project region.

In these circumstances, the Authority decided to accept the recommendations of 173rd SEAC meeting and to issue Environmental Clearance initially for a period of 5 years from the date of execution of mine lease from Mining and Geology Department and then to extend the EC period to cover the project life of 16 (Sixteen) years, subject to the review by SEAC at the

end of every five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region.

The EC is subject to General Conditions and the following Additional Specific Conditions.

1. *The Project Proponent shall carry out quarrying as per the approved Mining Plan and as per the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
2. *The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the permit / lease order should be provided to the SEIAA before commencing the mining activity.*
3. *The EC issued will be subject to a review by SEAC after every 5 years through field verification to ensure that mining is carried out sustainably as per the EC conditions.*
4. **All the assurances and the mitigation measures committed by the Project Proponent as per the minutes of public hearing should be complied with and submit the report along with HYCR.**
5. **The blasting methodology, blasting pattern and blasting operations should strictly be as per the recommendations contained in the report of April 2023 submitted by M/s. NIT, Karnataka.**
6. **Since the project area located within 10km radius from the Silent Valley National Park, the Project Proponent has to obtain Wildlife Clearance from the SCNBWL as per the OM dated 17.05.2022 of MoEF&CC as per the directions in the Hon'ble Supreme Court Judgement dated 26.04.2023 in IA 13177 of 2022 before the commencement of mining.**
7. **The Authority makes it amply clear that EC issued does not necessarily imply that Wildlife clearance shall be granted to the Project Proponent and that the proposal for Wildlife clearance will be considered by the respective Authorities on its merit and decision taken accordingly. The investment made in the project if any based on this EC in anticipation of clearance from Wildlife angle shall be**

entirely at the cost and risk of the Project Proponent and MoEF&CC and SEIAA shall not be responsible in this regard in any manner.

8. **Copy of the EC shall be marked to IGF (WL), MoEF&CC, PCCF and Chief Wildlife Warden, Kerala, District Collector, Palakkad and Department of Industries GoK, besides others for information and necessary further action.**
9. **Copy of the EC shall be marked to Deputy Conservator of Forests & Wildlife Warden of Silent Valley National Park and to the District Geologist. They are directed to ensure that Project Proponent will not commence the mining operations without clearance from SCNBWL.**
10. **The Mining and Geology Department shall issue permit / lease only after the production of the NOC from the Irrigation Officer in compliance with Section 40(2) of the Kerala Irrigation and Water Conservation Act, 2003. The Project Proponent shall scrupulously follow all the conditions in the NOC issued by the Irrigation Officer. The Project Proponent shall submit copy of the NOC with the first HYCR**
11. *The transportation management plan should be strictly implemented to prevent the impact on road traffic.*
12. *Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica (Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala), Ficus bengalensis (Peral), Ficus racemosa (Atti), Bambusa bamboos (Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica (Kanjiram), Terminalia cattappa (Thanni), Schleicheria oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.*
13. *Compensatory afforestation should be done prior to the commencement of mining, by planting local species of trees as proposed.*
14. *Geotagged photographs of the progress of compensatory afforestation should be submitted along with HYCR.*
15. *Adequate number of avenue trees of indigenous species should be planted along both sides of the haulage road.*

16. *The haulage road should be provided with sprinkling facility to prevent dust pollution.*
17. *Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.*
18. *Garland drain, silt-traps, siltation ponds and outflow channels should be desilted periodically and geo-tagged photographs of the process should be included in the half-yearly compliance report (HYCR).*
19. *Overflow water from the siltation pond should be discharged to the nearby natural drain after adequate filtration.*
20. *Drainage water should be monitored at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.*
21. *Overburden should be stored at the designed place and gabion wall should be provided for the topsoil and overburden storage sites.*
22. **The impact of vibration due to blasting on the houses and other built structures within 200m distance from the project boundary should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.**
23. *Implementation of CER Plan should be done during the first two years of the EC period itself and its operation and maintenance should be done till the completion of mine closure plan.*
24. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm).*
25. *Adequate sanitation, waste management and restroom facilities should be provided to the workers.*

26. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.*
27. *The Environment Management Cell (EMC) should include one subject expert in environment management and local ward member. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.*
28. *Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.*
29. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
30. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
31. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
32. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder,*

flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.

33. The Project Proponent is directed to install a CCTV camera and take all other essential measures to ensure that mining site is not used by antisocial elements for nefarious antisocial activities which are detrimental for peaceful coexistence in the project region. In case if such complaints are received, the EC given is likely to be cancelled after a police verification.

34. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

4. Environmental Clearance as per the EIA Notification, 2006 is hereby accorded for the Granite Building Stone Quarry Project of Sri. Eldho Issac, Kollialil House, Vengola P.O, Perumbavoor, Ernakulam, for an area of 4.7023 Ha at Sy. No. 208/1 in Alanallur III Village, Mannarkkad Taluk, Palakkad, initially for a period of 5 years from the date of execution of mine lease from the Mining and Geology Department as per S.O.1807 (E) dated 12.04.2022 of MoEF & CC and then to extend the EC period to cover the project life of 16 (Sixteen) years, subject to the review by SEAC at the end of every five years, for the quantity mentioned in the approved Mining Plan. The EC is subject to the Specific Conditions stipulated by SEIAA in Para 3 above, and all the environmental impact mitigation and management measures undertaken by the Project Proponent in the Form I, Form 2, EIA, EMP, PFR and Mining Plan submitted to SEIAA. The assurances and clarifications given by the Project Proponent will deemed to be a part of this Proceedings as if incorporated herein. Also the General Conditions for projects stipulated for mining (items 1 to 57), mentioned below will be applicable and have to be strictly adhered to.

5. The Environmental Clearance issued will also be subject to full and effective implementation of all the undertakings given in the Application Form, mitigation measures as assured in the Environment Management Plan and the mining features including Progressive Mine Closure Plan as submitted with the application. The above undertakings and the conditions and the undertakings of the Mining Plan in (Mining), (Blasting), (Mines Drainage), (Stacking of Mineral rejects and Disposal of waste), (Environment Management Plan) &

(Progressive Mine Closure Plan) as submitted will be deemed to be part of this Proceedings as conditions as undertaken by the project proponent, as if incorporated herein.

6. Validity of the Environmental Clearance will be initially for **Five (5) years** and then to extend the EC period to cover the project life of **16 (Sixteen) years**, subject to the review by SEAC in every five years, or earlier review of EC in case of violation or non – compliance of any of the conditions or genuine complaints from residents within the security area of the quarry.

7. Compliance with the conditions herein will be monitored by the State Level Environment Impact Assessment Authority or its authorised offices and also by the Regional Office of the Ministry of Environment, Forest & Climate Change, Govt. of India, Bangalore. Necessary assistance for entry and inspection should be provided by the Project Proponent and those who are engaged or entrusted by him to the staff for inspection or monitoring. Instances of violation if any shall be reported to the **District Collector, Palakkad** by the State Level Environment Impact Assessment Authority – Kerala.

8. The Half Yearly Compliance Report (HYCRs) with name of the project, EC No. and date, the period of submission with its contents, compliance report and environmental monitoring data & covering letter have to be uploaded in the Parivesh Portal as per O.M. F.No.IA3-22/1/2022-IA-III(E)-17264 dated 14.06.2022 and on the website of the Project Proponent. Hardcopy of HYCRs shall not be acceptable.

9. The given address for correspondence with the authorised signatory of the project is Sri. Eldho Issac, Kollialil House, Vengola PO., Perumbavoor, Ernakulam- 683556.

General Conditions for Granite Mining Projects

Statutory Compliances	
Sl. No.	Conditions
1.1	The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project.
1.2	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.

1.3	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
1.4	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).
1.5	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. A copy of the same shall be included with HYCRs.
1.6	The project proponent shall obtain the necessary permission from the Central / State Ground Water Authority, if the project intersects ground water table.
1.7	Solid/hazardous waste generated in the mines needs to addressed in accordance to the Solid Waste Management Rules, 2016/Hazardous & Other Waste Management Rules, 2016.
1.8	Permission of power supply to be taken from the concerned authority for meeting power demand of the project site.
1.9	The maximum production or peak production at any given time shall not exceed the limit as prescribed in the approved mining plan/scheme of mining.
1.10	Project Proponent should obtain all necessary statutory clearances for mining.
1.11	If EC period is more than 6 months, Half Yearly Compliance Report (HYCR) shall be uploaded in the PARIVESH Portal and also submitted to SEIAA, Kerala via email.
1.12	The minimum distance norm from the boundary/periphery of other properties buildings/civil structures as prescribed in KMMC Rules and other statutory rules and orders shall be followed.

Air Quality Monitoring and Mitigation Measures

2.1	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.
2.2	Applicable labour laws for mining shall be followed. Proper masks and onsite facilities shall be provided to the workers. All safety measures shall be followed while cutting laterite using machines.
2.3	The Project Proponent shall monitor the air quality during operation and submit

	ambient air quality monitoring details along with the HYCRs.
2.4	Major approach roads shall be black topped and properly maintained .The transportation of the material should be done in covered trucks to contain dust emissions.
2.5	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution such as haul road, loading and unloading points and transfer points and having high levels of PM10 and PM2.5. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board or State Pollution Control Board.
2.6	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement at project site, parking area, on haul roads, loading and unloading and at transport points should be provided and properly maintained.
2.7	Project Proponent should install wind breaker/shield arrangement along the boundary where there are houses within 100m radius.
2.8	Post environmental closure third party monitoring by reputed instituted in air quality, water, land & soil etc shall be carried out and analysed with EMP measures at regular interval. A suitable recommendation in this regard, shall be furnished to IRO, MoEF&CC for compliance. The data used for analysis shall be obtained from continues AQMS, site specific water regime. Also third party shall analyses the implementation of river diversion, meeting to the requirement of project report.

Water Quality Monitoring and Mitigation Measures	
3.1	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974, and other applicable standards as amended from time to time by the Central Pollution Control Board or State Pollution Control Board.
3.2	The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No.J-20012/1/2006-IA.11 (M) dated 27th May, 2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.
3.3	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/IRO.
3.4	Water quality monitoring of upstream and downstream portion of river including ponds, lakes, tanks shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.

3.5	Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.
3.6	The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with plantation so as to withstand the peak water pressure preventing any chance of mine inundation.
3.7	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps, to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, and for green belt development etc. The drains shall be regularly desilted and maintained properly, particularly after monsoon.
3.8	Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB or SPCB.
3.9	The water pumped out from the mine, after siltation, shall be utilized for industrial purpose viz. watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.
3.10	Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.
3.11	The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations shall be prepared, considering the presence of any river/rivulet/pond/lake etc., with impact of mining activities on it, and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the provisions of the approved Mining Plan/ EIA-EMP submitted to this Ministry and the same should be done with due approval of the concerned State/GoI Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved mining plan and as per the permission of DGMS.
3.12	Domestic water shall be providing to the residents/villages which are coming under the zone of influence of the project due to ground water extraction by installing a RO plant with proper supply line and taps, if there is any shortage of potable water due to the mining activity.
3.13	The project proponent shall take all precautionary measures to ensure the riverine/ riparian ecosystem in and around the mine up to a distance of 5 km. A riverine/riparian ecosystem conservation and management plan should be prepared

	and implemented in consultation with the irrigation/water resource department in the state government.
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Noise And Vibration Monitoring And Prevention

4.1	Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.
4.2	Speed of trucks entering or leaving the mine site is to be limited to moderate speed of 15 kmph to prevent undue noise from empty trucks.
4.3	Acoustic enclosures should be provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standard limit indicated by CPCB/KSPCB.
4.4	Measures should be taken for maintaining noise levels below 85 dBA in the work environment.
4.5	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.

Mining Plan

5.1	Mining shall be carried out as per the approved mining plan (including Mine Closure Plan), suggestions from SEAC, KMMC Rules 2015 and amendments thereby and all other statutory rules and orders.
5.2	The blasting should be done in a controlled manner using NONEL technique as specified by the regulations of Petroleum and explosive safety organization (GOI) or any other concerned authorized agency. A licensed person should supervise/control the blasting operations mining activity should not involve blasting.
5.3	Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.
5.4	The quarrying operation shall be restricted between 7 AM and 5PM.
5.5	Maximum depth of mining shall be as per the mining plan and / or as per specific direction of SEAC. The maximum depth of mining should not be deeper than the local ground water table.
5.6	No mining operations should be carried out at places having a slope greater than 45°.
5.7	As per regulation no. 106(2) of Metalliferous Mines Regulation under Mine Act, the height of any bench shall not exceed five meters and breadth shall not be less

	than the height.
5.8	The top soil, if any, shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained at 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geo textile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated soil shall be used for backfilling as per mine closure plan.
5.9	All the mining equipment like backhoe loaders and excavators cause pollution and hence shall be serviced regularly & maintained for their efficient functioning and for reducing pollution. Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations.
5.10	A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.
5.11	The lease area shall be fenced with barbed wire to a minimum height of 4ft around, before starting mining. All the boundary indicators (boards, markings, etc) shall be conspicuous and maintained at all times.
5.12	Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department. Blasting mats to reduce fly rock blasts to a maximum of 10 PPV should be provided.
5.13	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department.
5.14	Periodical monitoring of the vibration at specified location (preferably at a distance of 50 m and 100 m) to be conducted and records kept for inspection. This could also form a part of the compliance reports.
5.15	The pits in the abandoned quarries and in the mined area shall be used for activities like water harvesting, aqua culture etc. in an eco-friendly manner.
5.16	Mine has to be closed as per progressive mine closure plan and final mine closure plan.

Land Reclamation

6.1	Regular monitoring of subsidence movement on the surface over and around the working areas and its impact on natural drainage pattern, water bodies, vegetation, structure, roads and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence beyond the limit
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	prescribed, appropriate effective mitigation measures shall be taken to avoid loss of life and materials. Cracks should be effectively plugged in with ballast and clay soil/suitable material.
6.2	Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1:50,000 scale or as notified by Ministry of Environment, Forest and Climate Change(MOEFCC) from time to time shall be submitted to MOEFCC/Regional Office (RO).
6.3	Appropriate fencing all around the burrowed/excavated pit shall be made to prevent any mishap.
6.4	Post-mining land be rendered usable for agricultural/forestry purposes and shall be handed over to the respective State Government, as specified in the Guidelines for Preparation of Mine Closure Plan, issued by the Ministry of Coal dated 27th August, 2009 and subsequent amendments.
6.5	The project proponent should plant seedlings at least 5 times of the loss of trees that has occurred while clearing the land for the project and follow planting measures as suggested by SEAC. Suitable avenue trees should be planted along the sides of the approach road and internal roads and open parking areas, if any. Preference should be given to endemic native and fruit bearing species. Planting in buffer areas should be taken up beforehand. Proper upkeep and maintenance of planted seedlings shall be ensured by the project proponent.
6.6	The project proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad leaved plants.
6.7	Thorough inspection of the mine lease area for any cracks developed at the surface due to mining activities below ground shall be carried out to prevent inrush of water in the mine.
6.8	Native tree species shall be selected and planted over areas of greenbelt and compensatory afforestation affected by subsidence.
6.9	Eco-restoration including the closure of mine as per the progressive closure plan and final closure plan shall be done at the cost of the project proponent. This eco-restoration should follow scientific standards available for restoration, full recovery of the original vegetation and improving the resilience of different ecosystems. Overburden materials should be managed within the site and used for reclamation of mined pit as per mine closure plan / specific conditions.
6.10	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with suitable indigenous plant species, if no other specific condition on reclamation of pit is stipulated in the E.C. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.

Public Hearing And Human Health Issues	
7.1	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored.
7.2	The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check-up, 20% of the personnel identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, as amended time to time.
7.3	The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.
7.4	Skill training as per safety norms specified by DGMS shall be provided to all workmen including the outsourcing employees to ensure high safety standards in mines.
7.5	Safeguards shall be adopted against health risks on account of breeding of vectors in the waterbodies created due to burrowing/excavation of laterite building stone.
7.6	Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.
7.7	Implementation of the time bound action plan on the issues raised during the public hearing shall be ensured. The project proponent shall undertake all the tasks/measures as per the time bound action plan submitted with budgetary provisions during the public hearing.
7.8	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/5712014-IA.I1 (M) dated 29th October, 2014, titled 'Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area', if applicable
7.9	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.

Corporate Environment Responsibility	
8.1	The company shall have a well laid down environmental policy duly approve 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.
8.2	The Project Proponent shall implement the EMP and environmental conditions along with CER from the comments of activity. 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/SEIAA along with the Six Monthly Compliance Report.
8.3	Corporate Environmental Responsibilities (CER) as prescribed by SEIAA/SEAC should be carried out leading to environmental stability of the project region. The certificates from the beneficiaries, if the CER part is completed should also be submitted to the State Environment Impact Assessment Authority (SEIAA) along with year wise expenditure.
8.4	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
8.5	Persons of nearby villages shall be given training on livelihood and skill development to make them employable with its proper records.

Miscellaneous

9.1	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.
9.2	The project authorities shall inform to the Regional Office of the MoEFCC/SEIAA regarding commencement of activity.
9.3	No further expansion or modifications in the project shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC) or SEIAA, Kerala.
9.4	In the case of any change(s) in the scope of the project, extent, quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which the E.C was issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority. In the case of transfer of ECs, the matter shall be intimated and get the approval from the Authority as per the existing norms.
9.5	All the statutory clearances should be obtained, as applicable, by the project proponent from the respective competent authorities including that for blasting and storage of explosives. Copies of all statutory clearances shall be submitted along with First Half Yearly Compliance Report.

9.6	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which, one shall be in the vernacular language within seven days, and in addition, the EC shall also be displayed on the project proponent's website permanently.
9.7	The project proponent shall send a copy of the EC to concerned Grama Panchayat/ District Panchayat/ Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.
9.8	The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.
9.9	The project proponent must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
9.10	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, if any, commitment made during Public Hearing, if any and also during their presentation to the State Expert Appraisal Committee.
9.11	The project proponent shall upload the status of compliance with the stipulated environment clearance conditions, including results of monitored data on their website and update the same on a half-yearly basis. The HYCRs shall be uploaded in the PARIVESH Portal to IRO MoEF&CC, Bangalore & SEIAA, Kerala.
9.12	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the PARIVESH portal.
9.13	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.
9.14	The Regional Office of the MoEFCC and the SPCB shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office / SPCB or any other officers delegated by the SEIAA, by furnishing the requisite data / information/monitoring reports.
9.15	If Government land is partly or fully used for mining, the area shall be returned at the end of lease period after mine closure with separate demarcation with suitable survey marks.
9.16	Any accident occurring in the mined out area after the lease period due to negligence in carrying out safety measures and non-closure, will lead to suspension of all EC obtained for mining by the project proponent.
9.17	In case of transfer of EC the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.

9.18	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
9.19	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.
9.20	The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.
9.21	The Environmental Clearance will be subject to the final order of the courts on any pending litigation related to the land or project, in any court of law.
9.22	The SEIAA, Kerala reserves the right to stipulate additional conditions if found necessary. The Project Proponent in a time-bound manner shall implement these conditions.
9.23	The SEIAA, Kerala reserves the right to revoke or suspend the Environmental Clearance, if implementation of any of the above conditions is not satisfactory.
9.24	The Environmental Clearance shall be liable to be cancelled in case of violation of any of the above conditions.
9.25	Any appeal against this Environmental Clearance 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.

To,

Eldho Issac
Kollialil House
Vengola PO, Perumbavoor
Ernakulam- 683556

Copy to

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block, Koramangala, Bangalore-560034.(through e-mail: rosz.bng-mefcc@gov.in).
2. IG (WL) Wildlife Division, MoEF&CC
3. The Secretary to Government, Environment Department, Government of Kerala.
4. The Director, Directorate of Environment & Climate Change, 4th Floor KSRTC Bus Terminal, Thampanoor, Thiruvananthapuram, Kerala 695001.
5. PCCF & Chief Wildlife Warden, Forest & Wildlife Department, Govt. of Kerala
6. Deputy Conservator of Forests & Wildlife Warden, Silent Valley National Park, Palakkad

7. The District Collector, Palakkad.
8. The Director, Mining & Geology, Thiruvananthapuram -4
9. Department of Industries, GoK.
10. The Member Secretary, KSPCB, Thiruvananthapuram.
11. The District Geologist, Palakkad.
12. The Environmental Engineer, KSPCB, Palakkad.
13. The Tahsildhar, Mannarkkad Taluk, Palakkad District.
14. The Secretary, Alanallur Panchayath, Palakkad.
15. The Chairman, SEIAA.
16. Website.
17. S/f / O/c

ANNEXURE 2
Explosive License



भारत सरकार | Government of India
वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो) | Petroleum & Explosives Safety Organisation (PESO)
पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives
केन्द्रीय भवन, ब्लॉक सी-2, तीसरी मंजिल | Kendriya Bhavan, Block C-2, 3rd Floor
CSEZ पी.ओ.कक्कनाड कोच्ची | CSEZ PO Kakkanad Dist. Ernakulam Ernakulam 682037
फोन (Phone):- 2427286 | फैक्स (Fax):- 2427276

संख्या (No.): E/SE/KL/22/470(E128889)

दिनांक (Date): 01/09/2025

सेवा में | To,

Shri ELDHO ISSAC,
KOLLIALIL HOUSE, VENGOLA(PO), PERUMBAVOOR, Town/Village - ARAKKAPADY
District-ERNAKULAM, State-Kerala, Pincode - 683556

विषय : Survey No.208/1, ग्राम Alanallur-III, Mannarkkad Taluk, जिला PALAKKAD, राज्य Kerala में मेसर्स Shri ELDHO ISSAC द्वारा विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SE/KL/22/470(E128889) के संशोधन संदर्भ में।
(अरिखण / सुविधाएं / परिसर में परिवर्तन)

Subject: Possession for Use of Explosives from magazine situated at Survey No.:208/1, Alanallur-III, Mannarkkad Taluk, Dist. PALAKKAD, Kerala -Licence No.: E/SE/KL/22/470(E128889) granted in Form LE-3 of Explosives Rules, 2008 -
(Amendment in Drawings/Facilities/Premises).

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या 165807 दिनांक 20/08/2025 का संदर्भ ग्रहण करें।
Please refer to your letter no. 165807 dated 20/08/2025.

अनुज्ञप्ति संख्या E/SE/KL/22/470(E128889) Intimation for quarry situated at sy. no. 208/1-54,208/1-61, 208/1-59,208/1-60,208/1-55,208/1-58 OF ALANALLUR-III VILLAGE, MANNARKAD TALUK OF PALAKKAD DISTRICT is hereby noted for record purpose only. Quarrying related matter does not come under purview of this organisation and Department of Mining & Geology shall be contacted for quarry related matter. Explosives can be used after obtaining work order/agreement or lease agreement/permit from concerned statutory authority & by following the provisions of Explosives Rules 2008. के संदर्भ में यथा संशोधित कर भेजी जा रही है।
The Licence No.: E/SE/KL/22/470(E128889) is forwarded herewith duly amended in respect of followings ;

Intimation for quarry situated at sy. no. 208/1-54,208/1-61, 208/1-59,208/1-60,208/1-55,208/1-58 OF ALANALLUR-III VILLAGE, MANNARKAD TALUK OF PALAKKAD DISTRICT is hereby noted for record purpose only. Quarrying related matter does not come under purview of this organisation and Department of Mining & Geology shall be contacted for quarry related matter. Explosives can be used after obtaining work order/agreement or lease agreement/permit from concerned statutory authority & by following the provisions of Explosives Rules 2008..

किसी भी एक समय में लाइसेंस क्षमता निम्नलिखित वर्ग तथा मात्रा से अधिक नहीं होगी।

The licence capacity at any one time shall not exceed the kinds and quantities mentioned below ;

संख्या No	विस्फोटक Explosive(s)	वर्ग Class	प्रभाग Div	उप-प्रभाग Sub Div	क्षमता Capacity	इकाई Unit
1	Nitrate Mixture	2	0	0	150	Kg.
2	Safety Fuse	6	1	0	2000	Mtrs
3	Detonators	6	3	0	2000	Nos.

किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा (अनुच्छेद 3 (ख) और (ग) के अधीन अनुज्ञप्ति के लिए लागू) : 3 गुना

Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)] : 3 times as above.

यह अनुज्ञप्ति दिनांक 31 मार्च 2029 तक प्रवृत्त रहेगी।

This Licence shall remain valid till 31st day of March 2029.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया विस्फोटक नियम, 2008 के नियम 112 के अंतर्गत प्रक्रिया का पालन करें। कृपया पावती दें।

For further revalidation(if required), please follow the procedure under Rule 112 of Explosives Rules, 2008. Receipt of this letter may please be acknowledged.

भवदीय | Your's faithfully

(दीपक कुमार | Deepak Kumar)

विस्फोटक नियंत्रक | Controller of Explosives

कृते उप मुख्य विस्फोटक नियंत्रक | For Dy. Chief Controller of Explosives

कोच्ची | Ernakulam

प्रतिलिपि प्रेषित | Copy Forwarded to:

- District Magistrate, PALAKKAD, Kerala with reference to his Noe No: DCPKD/6978/2023-D3 Dated: 25/08/2023
- Superintendent of Police, PALAKKAD, Kerala.

कृते उप मुख्य विस्फोटक नियंत्रक | For The Dy. Chief Controller of Explosives,
कोच्ची | Ernakulam

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क आदि के लिए हमारी वेबसाइट <http://peso.gov.in> देखें.)
(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.

अनुज्ञप्ति प्ररूप एल. ई.-3 | LICENCE FORM LE-3

(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)
(See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)

(ग) उपयोग के लिए एक समय पर वर्ग 1,2,3,4,5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक रखने के लिए अनुज्ञप्ति
Licence to possess : (c) for use,explosives of class 1, 2,3,4,5,6 or 7 in a magazine

अनुज्ञप्ति सं. (Licence No.) : E/SE/KL/22/470(E128889)

वार्षिक फीस रुपए (Annual Fee Rs): 2400/-

1. Licence is hereby granted to

Shri ELDHO ISSAC (अधिभोगी / Occupier : Shri ELDHO ISSAC), KOLLIALIL HOUSE,VENGOLA(PO),PERUMBAVOOR,
Town/Village - ARAKKAPADY, District-ERNAKULAM, State-Kerala, Pincode - 683556



को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : **Individual**

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमान्य है। : possess for use of **Nitrate Mixture, Safety Fuse, Detonators**, - के
Licence is valid only for the following purpose. उपयोग के लिए

4. अनुज्ञप्ति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमान्य है।

Licence is valid for the following kinds and quantity of explosives: -- (क) (a)

क्र Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में Quantity at any one time
1.	Nitrate Mixture	2,0	0	150 Kg.
2.	Safety Fuse	6,1	0	2000 Mtrs
3.	Detonators	6,3	0	2000 Nos.

(ख) किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञप्ति के लिए]

(b) Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)] :

3 times
as above.

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञप्त परिसर की पुष्टि होती है।

The licensed premises shall conform to the following drawing(s):

रेखाचित्र क्र. (Drawing No.) E/SE/KL/22/470(E128889)

दिनांक (Dated) 01/09/2025

6. अनुज्ञप्ति परिसर निम्नलिखित पते पर स्थित हैं। The licensed premises are situated at following address:

Survey No. 208/1, ग्राम (Town/Village) : Alanallur-III, Mannarkkad Taluk

जिला (District) PALAKKAD पुलिस थाना (Police Station) : NATTUKAL

दूरभाष (Phone) 9447720304 राज्य (State) Kerala पिनकोड (Pincode) 678601

ई. मेल (E-Mail) फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

The licensed premises consist of following facilities.

2 PORTABLE MAGAZINES OF H (s.no. 112) AND E (s.no. 1219) TYPES
: FABRICATED BY M/S. THEKKAN ENGINEERING & FABRICATION WORKS,
ERNAKULAM

8. अनुज्ञप्ति समय - समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबद्धों के अधीन रहते हुए अनुदत्त की जाती है।

The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.

1. उपर्युक्त क्रम सं. 5 में यथा कथित रेखाचित्र (स्थान, सन्निर्माण संबंधी और अन्य विवरण दर्शित करते हुए)।

Drawings (showing site, constructional and other details) as stated in serial No. 5 above.

2. अनुज्ञप्ति प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञप्ति की शर्तें और अतिरिक्त शर्तें।

Conditions and Additional Conditions of this licence signed by the licensing authority.

3. दूरी प्ररूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञप्ति तारीख 31 मार्च 2029 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2029.

यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञप्ति की शर्तों का अधिक्रमण करने या यदि अनुज्ञप्त परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहत की जा सकती है, जहां वह लागू हो।

This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

तारीख | The Date - 13/03/2025

उप मुख्य विस्फोटक नियंत्रक | Dy. Chief Controller of Explosives
Ernakulam

Amendments :

- Amendment in Drawings/Facilities/Premises dated : 01/09/2025

नवीनीकरण के पृष्ठांकन के लिए स्थान

Space for Endorsement of Renewal

नवीकरण की तारीख

Date of Renewal

समाप्ति की तारीख

Date of Expiry

अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प

Signature of licensing authority and stamp

कानूनी चेतावनी : विस्फोटकों को गलत ढंग से चलाने या उनका दुरुपयोग विधि के अधीन गंभीर दांडिक अपराध होगा।

Statutory Warning : Mishandling and misuse of explosives shall constitute serious criminal offence under the law.

Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.

मैगजीन में वर्ग 1,2,3,4,5,6, और 7 के विस्फोटकों को बिक्री या प्रयोग हेतु रखने के लिए प्ररूप एल.ई. 3 | अनुच्छेद 3 (ख) से (ग) में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक द्वारा प्रदान किए जाने वाले अनुज्ञप्ति सं. E/SE/KL/22/470(E128889) की शर्तें निम्नलिखित हैं।

The following are the conditions of licence number E/SE/KL/22/470(E128889) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c)) granted by Chief controller of Explosives or Controller of Explosives.

- परिसर में किसी भी समय विस्फोटकों की मात्रा अनुज्ञापन योग्य सामर्थ्य से अधिक नहीं होगी।
The quantity of explosives on the premises at any one time shall not exceed the licensable capacity.
- विस्फोटकों के भंडारण के लिए प्रयुक्त होने वाली मैगजीन अनुसूची III और अनुज्ञप्ति के उपाबंध में विनिर्दिष्ट सुरक्षा दूरी बनाए रखना होगा।
The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to the licence.
- मैगजीन का प्रयोग उन सभी विस्फोटकों के, जो इस अनुज्ञप्ति में विनिर्दिष्ट है, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं।
The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
- पैकजों को खोलने का कार्य और विस्फोटकों को तौलने तथा पैक करने का कार्य मैगजीन में नहीं किया जाएगा।
The opening of packages and the weighing and packing of explosives shall not be carried on in the magazine.
- दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर पृथक कर दिया जाए कि किसी वजह से विस्फोटक में लगने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटक तक न पहुंच सके : परंतु –
(घ) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पलीते और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेरक पलीते, जिनमें कोई खुला लोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थायन के रखे जा सकते हैं।
(ड) वर्ग 6 प्रभाग 3 के अंतर्गत आनेवाले विस्फोटक प्रेरक अलग रखे जाएंगे।
(च) वर्ग 1 के अंतर्गत आने वाले बारूद को अलग रखा जाएगा।
Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other; Provided that—
(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space ;
(e) Detonators belonging to Class 6 Division 3 shall be kept separately.
(f) Gun powder belonging to Class 1 shall be kept separately.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुज्ञापन प्राधिकारी की विशेष मंजूरी के मैगजीन में नहीं रखा जाएगा।
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी दे दी हो।
(i) जब ऐसी मंजूरी दे दी गई हो तो प्रत्येक निरीक्षण पर किसी विस्फोटक नियंत्रक से ऐसा लिखित प्रमाणपत्र अभिप्राप्त कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आनेवाली अवधि दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुज्ञापिधारी अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा।
(ii) जब कोई विस्फोटक मानक शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो ग्लाइसीन या द्रव नाइट्रो योगिक के निकल जाने के चिन्ह प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञापिधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करें।
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.
(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.
(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.
- मैगजीन के भीतरी भाग या उसमें लगी बेंचें, शेल्फों और उसकी फिटिंग का इस प्रकार सन्निर्माण किया जाएगा या उन्हें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोका जा सके। भीतरी भाग में लगी बेंचें, शेल्फें और फिटिंग यथासाध्य ग्रिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सम्यक सावधानी बरती जाएगी कि वहां कोई जल मौजूद न रहे : परंतु किसी लोहे या इस्पात के खुले होने के विरुद्ध सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बांधेकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से भिन्न कोई विस्फोटक रखा गया है।
The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from; Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.
- यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञापिधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञापिधारी द्वारा पश्चात्कर्त्त प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तडित चालक को समाधानप्रद घोषित नहीं कर देता :
परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के किए गए सभी परीक्षणों के लिए प्रभार्य होगा :
परंतु यह और कि यदि दो या अधिक तडित चालक एक ही मैगजीन से संबद्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तडित चालक के परीक्षण के लिए हर स्थिति में विहित की गई है।
If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the even of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory:
Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day :
Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.
- उपयुक्त तथा जब रहित कार्यकरण वस्त्रों, उपयुक्त जूतों के प्रयोग द्वारा तथा तलाशी लेकर या अन्यथा अथवा ऐसे किन्हीं साधनों द्वारा इस बाबत सम्यक उपबंध किया जाएगा कि फैक्ट्री परिसर में अग्नि, दियासलाई अथवा ऐसी कोई वस्तुएं या पदार्थ, जिससे विस्फोट हो सकता है या आग लग सकती हो, किन्तु इस शर्त के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम बत्ती का प्रवेश वर्जित नहीं है जिससे आग लगने या विस्फोट होने का खतरा न हो :
परंतु इस शर्त का वह भाग, जो लोहे या इस्पात के अपवर्जन को लागू होता है, ऐसे किसी भवन के संबंध में बाध्य कर नहीं होगा जिससे भिन्न कोई विस्फोटक नहीं रखा गया है।
Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching or otherwise or by such means, for preventing the introduction into danger area of the factory premises of fire, Lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or explosion:
Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.

11. अनुज्ञापितधारी प्ररूप आर.इ.-3 और आर.इ.-4 या आर.इ.-5, जैसी स्थिति हो, में सभी विस्फोटकों का अभिलेख और लेखा रखेगा और विस्फोटक नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर स्टॉक पुस्तक और अभिलेख प्रस्तुत करेगा। स्टॉक पुस्तक विहित प्रोफार्मा में पृष्ठ संख्यांकित होगी।
The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforma shall be page numbered.
12. परिसरों में कोई परिवर्तन या तबदीली अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुज्ञापितधारी ऐसी किसी शर्त का अनुपालन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्दिष्ट करें।
No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.
13. मैगजीन सभी समयों पर अच्छी मरम्मत की स्थिति में बनाई रखी जाएगी (या अच्छी हालत में बनाई रखी जाएगी)। यदि किसी कारणवश किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुज्ञापितधारी इस बात की सूचना अनुज्ञापन प्राधिकारी को तुरंत देगा।
Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason whatsoever.
मैगजीन का अनुज्ञापितधारी इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा।
The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.
14. यदि सुरक्षा दूरी का कोई अधिक्रमण होता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को आवश्यक सलाह और कार्यवाही के लिए तुरंत दी जाएगी।
Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.
15. यदि कोई विस्फोटक विनष्ट हुआ अथवा अनुपयोगी जाया जाता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को, सलाह प्राप्त करने के लिए, तुरंत दी जाएगी।
The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.
16. विस्फोटकों के पैकेटों के चट्टे इस प्रकार लगाए जाएंगे कि कम से कम एक व्यक्ति भण्डार किए गए सभी पैकेजों की हालत की जांच करने और प्रत्येक पैकेज की विनिर्माण विशिष्टियों को पढ़ने के लिए उनके बीच से होकर आ जा सके।
The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.
तड़ित चालकों की भूमि के लिए प्रतिरोध यथासंभव न्यूनतम होगा और किसी भी दशा में 10 ओह्म से अधिक नहीं होगा।
The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.
17. विस्फोटक के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुल्क घास या झाड़ी या ज्वलनशील सामग्री नहीं रहने दी जाएगी।
A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.
18. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी।
Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.
19. किसी मैगजीन / भंडारगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा।
Not more than 4 persons shall be allowed inside the magazine or store house at any one time.
20. विस्फोटकों के खाली पैकेजों को शीघ्रतिथीघ्न वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा।
Empty packages of the explosives shall be removed at the earliest and destroyed.
21. अनुज्ञापितधारी और कर्मचारियों को परिसर के भीतर आपातकाल के दौरान की जाने वाली प्रक्रियाओं से अवगत होना चाहिए।
The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.
22. निरीक्षण या नमूना अधिकारी को सभी युक्तियुक्त समयों पर अनुज्ञापन परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबंधों और सुरक्षा स्थितियों को सम्यक्तः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी।
Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.
23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञापितधारी को अनुज्ञापन परिसरों या मशीनरी, टूल या उपकरण में ऐसी कोई मरम्मत या परिवर्धन या परिवर्तन करने या सिफारिशों को लागू करने को लिखित रूप में सूचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञापितधारी सिफारिशों को निष्पादित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा।
If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the license shall execute the recommendations and report compliance within the period specified by such authority.
24. अनुज्ञापितधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञापन फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पल्लोते खरीदेगा।
The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.
25. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले आतिशबाजियों पटाखों की बिक्री और रखने के लिए –
(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डी.बी.(ए1) या 145 डी.बी.(सी)पी.के. प्रतिबंधित होंगे;
(ख) श्रृंखला (जुड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 लॉग₁₀(एन) डी.बी. (सी) पी.के. प्रतिबंधित होंगे;
The possession and sale of fire-crackers generating noise level exceeding;
a) 125 dB(AI) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;
b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log₁₀ (N) dB, where N = number of crackers joined together.
26. आग या विस्फोट द्वारा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत पास के पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी।
Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

अतिरिक्त शर्तें / Additional Conditions :

1. अनुज्ञापितधारी विदेशी मूल के आतिशबाजी को न प्रदर्शित करेगा, न रखेगा और न ही उसकी बिक्री करेगा। The licensee shall not exhibit, possess and sell fireworks of foreign origin.

कृते उप मुख्य विस्फोटक नियंत्रक
For Dy. Chief Controller of Explosives
एरणाकुलम | Ernakulam

Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.

Form DE-2
(See rule 113 of the Explosives Rules, 2008)
(Distance Form to be attached to the licence)

Safety distances required to be kept clear around magazine for high explosives or fire works or factory licence number E/SE/KL/22/470(E128889) in form LE-3 granted to Shri ELDHO ISSAC, KOLLIALIL HOUSE,VENGOLA(PO),PERUMBAVOOR, Kerala-678601 .

Type of Structure(s)		Safety distances meters	
Inside Safety Distances(ISD)		M	UM
1	Room or Workshop used in Connection with the Magazine	13	19
2	Any other Explosives Magazine or store House or Factory of the Applicant		
3	Magazine Office		
Middle Safety Distances(MSD)			
4	Magazine Keeper's or Chowkidar's Dwelling house		
5	Railway including Minerals and Private Railways		
6	Canal (in active use) or other navigable water		
7	Dock or Pier or Jetty		
8	Public Highway or Public Road		40
9	Private Road which is PRINCIPAL means of access to a Temple, Mosque, Church, Gurudwara or other places of worships, Hospital, College, School or Factory		
10	River Embankment or Sea Embankment or Public Well		
11	Reservoir or Bounded tank/rope way		
12	Windmillor or Solar panel for Power Generation		
Outside Safety Distances(OSD)			
13	Dwelling House		
14	Govt. and Public Building		
15	Temple, Mosque, Church or Gurudwara or other Places of Worships		
16	Shops, Market place, Public recreation and Sports Ground, College, School, Hospital, Theater, Cinema or other Building where the public are accustomed to assemble		
17	Factory		
18	Buildings or Works used for the Storage in Bulk of Petroleum, Sprit, gas, or other inflammable or hazardous substances		45
19	Building or Works used for Storage and Manufacture of Explosives or of articles which contain Explosives		
20	Aerodrome		
21	Furnace, Kiln or Chimney		
22	Quarry or mine pit head		
23	Power House or Electric Substation		
24	Wireless Station		
25	Warehouse or other Storage Building		
26	Any other Protected works		
Overhead Electric lines			
27	Electric Power over head Transmission Lines above 440V		45
28	Electric Power over head Transmission Lines upto 440V		15

The Date : 13/03/2025

For Dy. Chief Controller of Explosives
Ernakulam

Amendments :

- Amendment in Drawings/Facilities/Premises dated : 01/09/2025

Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.

ANNEXURE 3
Consent from KSPCB

FILE NO : KSPCB/PL/ICO/10101618/2025

Date of issue : 07-05-2025



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO

OPERATE/AUTHORISATION/REGISTRATION

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. : 10101618

Dated : 07-05-2025

To

ELDO ISSAC QUARRY

KOLLIALIL HOUSE, VENGOLA POST, PERUMBAVOOR ERNAKULAM, PIN 683556

Consent No. : KSPCB/PL/ICO/10101618/2025

Valid Upto : 31-03-2030

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	31-03-2030
2	Name and Address of the establishment	ELDO ISSAC QUARRY KOLLIALIL HOUSE,VENGOLA POST,PERUMBAVOOR ERNAKULAM,PIN 683556 E-Mail : ashwinkj22@gmail.com Contact Number : 8606034487
3	Occupier Details	ELDHO ISSAC KOLLIALIL HOUSE VENGOLA POST PERUMBAVOOR ERNAKULAM 683556 E-Mail : ashwinkj22@gmail.com Contact Number :
4	Local Body	ALANELLUR
5	Survey Number	208/1-54 208/1-61 208/1-59 208/1-60 208/1-55 208/1-58
6	Village	Alanalloor - 3
7	Taluk	Mannarkkad
8	District	PALAKKAD
9	Capital Investment(Rs in Lakhs)	420.0
10	Scale	Small
11	Category	RED
12	Annual fee(Rs)	40000.0
	Total Fee remitted(Rs)	200000.0
13	Activity	Granite Building Stone Quarrying for an area of 4.7023 Ha at Re-Survey Block No. 001, Re-Survey No. 208/1-54, 208/1-61, 208/1-59, 208/1-60, 208/1-55 and 208/1-58 in Alanalloor - 3 Village in Mannarkkad Taluk
14	Machinery details	1140 HP

2. CONDITIONS AS PER

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

2.1 Domestic effluent generated shall be treated in septic tank as per IS 2470 (Part I): 1985 and discharged through soak pit with concreted bottom, honey comb brick work or perforated ring side wall, 75cm thick 2mm sand envelope outside it.

2.2 Water Consumption: Domestic- 2000 lpd and Process- 10000 lpd

2.3 Effluent Generation:

3. CONDITIONS AS PER

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

3.1 Adequate air pollution control measures shall be provided in the quarrying area for the suppression of dust generated during blasting and vehicle movement.

4. CONDITIONS AS PER

The Environment (Protection) Act, 1986.

4.1 Plastic Waste Management Rules, 2016 and amendments shall be followed for the management of plastic waste. Single use plastic ban as per notifications and orders for Kerala shall be strictly followed.

4.2 Waste batteries shall be disposed of as per the Battery Waste Management Rules, 2022.

4.3 E-waste shall be disposed of as per the provisions of E-waste management Rules, 2022 and amendments.

4.4 The provisions of the Noise Pollution (Regulation and Control) Rules, 2000 shall be followed with.

4.5 Hazardous waste generated if any, shall be disposed of in compliance with the provisions of the Hazardous and other Wastes (Management and Trans boundary Movement) Rules, 2016.

4.6 Solid Waste Management Rules, 2016 shall be followed for the management of solid wastes. Biodegradable waste shall be segregated from non biodegradable waste at source. Facilities namely biobins/aerobins/biogas plant shall be provided for the biodegradable waste. Facility shall be provided for the disposal of non biodegradable wastes to authorised collectors namely Haritha Karma Sena for the disposal of wastes for authorised treatment.

5. SPECIFIC CONDITIONS

5.1 This consent is granted based on the Environmental Clearance Identification No. :EC25B001KL149557 (Proposal No. :SIA/KL/MIN/72951/2022) dated 10/03/2025 in File No. :1590/EC1/2019/SEIAA an area of 4.7023 Ha at Re-Survey Block No. 001, Re-Survey No. 208/1-54, 208/1-61, 208/1-59, 208/1-60, 208/1-55 and 208/1-58 in Alanalloor - 3 Village in Mannarkkad Taluk, Palakkad District, Kerala. The quarrying shall be done after obtaining all statutory/necessary clearances from concerned authorities and is valid only when all other clearances from other concerned authorities are valid.

5.2 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.

5.3 For renewal of the consent in case of continuance of discharge/operation of the industry, application in the prescribed form shall be submitted through the web portal of the Board (www.keralapcbonline.com) 2 months prior to the date of validity. Late application will be accepted only with a fine of 10% of annual fee if applied within 2 months of validity date and 50% of annual fee if applied after validity date.

5.4 The consent issued from the board is only with respect to the powers vested under the water Act1974, Air Act 1981 and The Rules there under. The operation of the quarry shall be commenced only after obtaining clearances from all concerned Authorities.

5.5 There shall not be any quarrying activity between 6 pm to 6 am.

5.6 Mining activities shall be done only in the area marked by Mining & Geology Department.

5.7 Quarrying area shall be as per the approved site plan. No change/alteration from that of approved site plan shall be done. No change or alteration of the unit/establishment is to be made without the prior written permission of the Board. Any change in the unit and machinery/particulars furnished in the application/ attachments /or in the identity of the occupier/authorized agent is made, then the same shall be intimated to the Board and consent variation shall be obtained.

5.8 There shall be a minimum distance of 50 m from boundary of quarry operating area to residential building, place of worship, public buildings, public road having vehicular traffic, river or lake, railway line,bridges etc.

5.9 The PM10 in ambient air at the boundary shall not exceed 100 microgram/m³.

- 5.10 The PM_{2.5} in ambient air at the boundary shall not exceed 60 microgram/m³.
- 5.11 The sound level (Leq) at 1 m outside the boundary of the site should not exceed the ambient Noise Standard applicable to the adjoining areas.
- 5.12 Conditions given in the Environmental Clearance shall be strictly complied with.
- 5.13 Mining shall be only done as per the mining plan attached with EC.
- 5.14 Annual environmental statement shall be submitted on or before 31st March every year.
- 5.15 Products shall be transported with proper cover and/or after wetting to prevent spreading of dust.
- 5.16 This consent is issued based on the Judgement dated 25/10/2021 of the Hon'ble Supreme Court in CA No:6273/2021 and connected matters, Order dated 14/12/2021 of Hon'ble Supreme Court in MA.No:1904/2021, Judgement dated 10/11/2021 of Hon'ble High Court of Kerala in WP© 2773/2021 and Judgement dated 10/12/2021 of Hon'ble High Court of Kerala in WP© 27178/2021.
- 5.17 This consent is issued subject to any order that may be passed by the Hon'ble Supreme Court or the Hon'ble NGT in the connected matters.
- 5.18 Environmental Protection shall be done as per EMP details mentioned in the Environmental Clearance Certificate. Development of green belt should be initiated prior to commencement of mining.
- 5.19 Dust suppression system like fine sprinklers, water mist systems provided in the unit shall be maintained properly and be functional whenever the quarry unit operates.
- 5.20 The consentee shall put up a sign board of size 6x4 ft. near the main entrance of the plant to display the name of the unit and important consent conditions.
- 5.21 This consent is granted on the basis of the application and other documents furnished by the applicant. If the statement furnished in the affidavit/document is found false or in the case of non-compliance of integrated consent to operate conditions the consent issued will be withdrawn/cancelled, and fee will be lapsed automatically.
- 5.22 The occupier shall comply with all the environmental rules and the related act stipulated by the government, relevant instructions issued by the Board in time to time for the prevention and control of pollution and protection of environment.
- 5.23 All statutory permissions shall be obtained before operating the unit.

SIGNATURE OF ISSUING AUTHORITY

ENVIRONMENTAL ENGINEER



To

M/s ELDO ISSAC QUARRY

KOLLIALIL HOUSE VENGOLA POST PERUMBAVOOR ERNAKULAM PIN 683556

E-Mail : ashwinkj22@gmail.com

Contact Number : 8606034487

1.This digitally signed document is legally valid as per the Information Technology Act 2000

2. For verifying this document please go to www.keralapcbonline.com and search using Certificate Number/name of the unit/Application Number in “Certificate Verification” link in the home page of the Board’s Phoenix website.

No: 33/2024

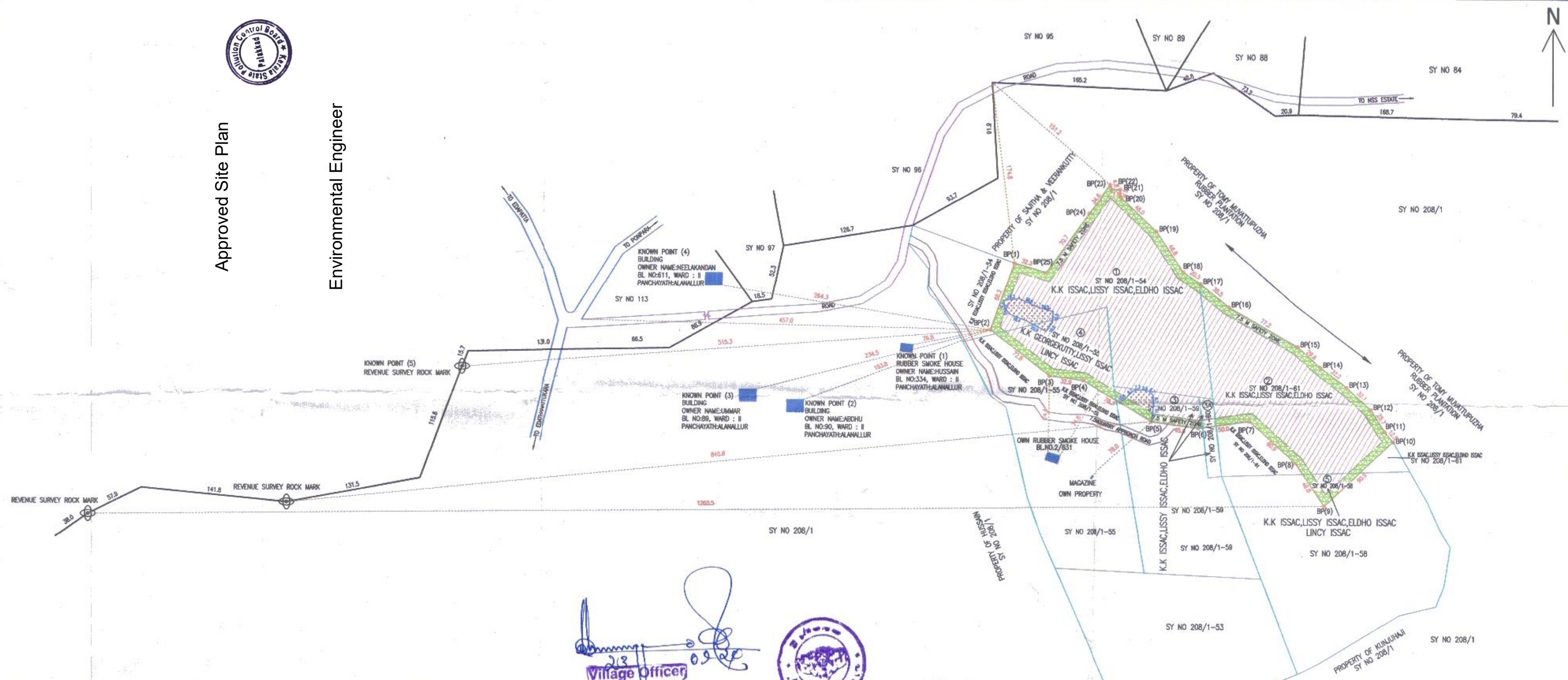
DISTRICT : PALAKKAD
TALUK : MANNARKKAD
VILLAGE : ALANALLUR III
SY NO : 208/1-54,208/1-55,208/1-58,208/1-59,208/1-60,208/1-61

Scale 1cm = 30m
LEASE AREA-4.7023 H

SURVEY MAP



Approved Site Plan
Environmental Engineer



Village Officer
Alanallur-3



TAHSILDAR
MANNARKKAD

Submit before The Mining and Geology Department/SEIAA

APPLICANT		DETAILS OF PROPERTY								GPS READING						REVENUE SURVEY ROCK MARK	
		PLAN MARK	DOC.NO.	SY.NO.	TOTAL LAND AREA	BUFFER ZONE AREA	MINING AREA	TOTAL LEASE AREA	NAME OF OWNER	BOUNDARY PILLAR	LATITUDE	LONGITUDE	BOUNDARY PILLAR	LATITUDE	LONGITUDE		
ELDHO ISSAC S/O KK ISSAC KOLLIALIL HOUSE VENGOLA PO PERUMBAVOOR ERNAKULAM -683556 KERALA		✓ 1	2115/14	208/1-54	2.8329 H	0.2514 H	1.8993 H	2.1507 H	K.K ISSAC,LISSY ISSAC,ELDHO ISSAC	BP(1)	N 11° 4'12.88"	E 76°21'21.94"	BP(14)	N 11° 4'10.08"	E 76°21'31.92"		REVENUE SURVEY ROCK MARK
		✓ 2	2151/14	208/1-61	2.0235 H	0.2961 H	1.3669 H	1.6630 H	K.K ISSAC,LISSY ISSAC,ELDHO ISSAC	BP(2)	N 11° 4'10.78"	E 76°21'21.27"	BP(15)	N 11° 4'10.70"	E 76°21'31.16"		SURVEY NO BOUNDARY
		✓ 3	2169/14	208/1-59	1.6188 H	0.0682 H	0.1519 H	0.1929 H	K.K ISSAC,LISSY ISSAC,ELDHO ISSAC	BP(3)	N 11° 4'9.41"	E 76°21'23.25"	BP(16)	N 11° 4'11.84"	E 76°21'28.88"		DOCUMENT BOUNDARY
		✓ 3A	2169/14	208/1-60	0.1012 H	0.0098 H	0.0272 H	0.0642 H	K.K ISSAC,LISSY ISSAC,ELDHO ISSAC	BP(4)	N 11° 4'9.32"	E 76°21'24.32"	BP(17)	N 11° 4'12.51"	E 76°21'27.96"		LEASE BOUNDARY
		✓ 4	819/15	208/1-55	2.6508 H	0.0981 H	0.4468 H	0.5449 H	K.K GEORGEKUTTY,LISSY ISSAC LINCY ISSAC	BP(5)	N 11° 4'8.12"	E 76°21'26.60"	BP(18)	N 11° 4'12.87"	E 76°21'27.36"		PWD ROAD
		✓ 5	927/15	208/1-58	2.8329 H	0.0517 H	0.0349 H	0.0866 H	K.K ISSAC,LISSY ISSAC,ELDHO ISSAC LINCY ISSAC	BP(6)	N 11° 4'7.99"	E 76°21'28.10"	BP(19)	N 11° 4'14.08"	E 76°21'26.45"		PANCHAYATH ROAD
										BP(7)	N 11° 4'8.28"	E 76°21'29.71"	BP(20)	N 11° 4'15.11"	E 76°21'25.26"		SERVICE ROAD(PRIVATE ROAD)
										BP(8)	N 11° 4'7.04"	E 76°21'31.26"	BP(21)	N 11° 4'15.36"	E 76°21'25.22"		BUFFER ZONE 7.5 METRE WIDTH (0.7753 Hectare)
										BP(9)	N 11° 4'5.74"	E 76°21'32.26"	BP(22)	N 11° 4'15.35"	E 76°21'24.96"		MINING AREA (3.9270 Hectare)
										BP(10)	N 11° 4'7.85"	E 76°21'34.35"	BP(23)	N 11° 4'15.48"	E 76°21'24.90"		TOTAL LEASE AREA (4.7023 Hectare)
				TOTAL	12.0601 H	0.7753 H	3.9270 H	4.7023 H		BP(11)	N 11° 4'8.13"	E 76°21'34.08"	BP(24)	N 11° 4'14.56"	E 76°21'24.26"		EXISTING QUARRY (0.1395 Hectare)
										BP(12)	N 11° 4'8.83"	E 76°21'33.59"	BP(25)	N 11° 4'12.64"	E 76°21'22.97"		
										BP(13)	N 11° 4'9.49"	E 76°21'32.77"					

ANNEXURE 4

NOC from Irrigation Department

എക്സിക്യൂട്ടീവ് എഞ്ചിനീയർ, ജലസേചന വിഭാഗം, മലമ്പുഴയുടെ നടപടിക്രമം

(ഹാജർ : കിരൺ എബ്രഹാം തോമസ്)

(പൂർണ്ണ അധിക ചുമതല)

വിഷയം : ജലസേചനം - ശ്രീ.എൽദോസ് ഐസക്ക്, കൊല്ലാലിൽ വീട് വെങ്ങോല പോസ്റ്റ് - എറണാകുളം എന്നവർക്ക് ക്വാറിയുടെ പ്രവർത്തനത്തിന്/പുതുക്കലിന് നിരാക്ഷേപപത്രം നൽകി ഉത്തരവാകുന്നത് -സംബന്ധിച്ച്.

സൂചന : 1. 15.07.2025 തീയതിയിൽ ഈ കാര്യാലയത്തിൽ ലഭിച്ച അപേക്ഷ.

2. Water resources (MP) department ന്റെ G.O (MS) No.39/2025

WRD തിരുവനന്തപുരം, Dated 22.05.2025, MP/171/2024WRD

Thiruvananthapuram, Dated 29.05.2025, 13.06.2025 ഉത്തരവ് നമ്പരുകൾ.

3. 29.08.2025 തീയതി എക്സിക്യൂട്ടീവ് എഞ്ചിനീയർ, കെ.പി.ഐ.പി ഡിവിഷൻ നം.1 കാഞ്ഞിരപ്പുഴയുടെ A3-2485/2024 നം. കത്ത്.

ഉത്തരവ് നം. എ2-3137/2025 തീയതി : 01/09/2025

പാലക്കാട് ജില്ലയിൽ മണ്ണാർക്കാട് താലൂക്ക് III വില്ലേജിൽ Survey No. 208/1-54, 208/1-61, 208/1-59, 208/1-60, 208/1-55, 208/1-58, Total Area 4.7203 Ha എന്ന സ്ഥലത്ത് ക്വാറി പ്രവർത്തിപ്പിക്കുന്നതിനാണ് അനുമതി ആവശ്യപ്പെട്ടിട്ടുള്ളത്.

പ്രസ്തുത സ്ഥലം കാഞ്ഞിരപ്പുഴ ജലസേചന പദ്ധതിയുടെ നിർമ്മിതികളിൽ നിന്നും ഏകദേശം 11 കി.മീ അകലെ ആയിട്ടാണ് സ്ഥിതിചെയ്യുന്നത്. ആയതിനാൽ ടി പ്രദേശത്തെ കരിങ്കൽ ഖനനം കാഞ്ഞിരപ്പുഴ ജലസേചനപദ്ധതിയുടെ നിർമ്മിതികളെ ബാധിക്കുന്നില്ലെന്നു സൂചന (3) പ്രകാരം അറിയിച്ചിട്ടുണ്ട്. കൂടാതെ ക്വാറി പ്രവർത്തനം നടക്കുന്നതുമൂലം കനാലിനോ, ബണ്ടിനോ ഏതെങ്കിലും കേടുപാടുകൾ ഉണ്ടാകുന്നപക്ഷം ക്വാറിയുടെ സ്വന്തം ചിലവിൽ പ്രവൃത്തി ചെയ്യേണ്ടതാണ് എന്നുള്ള നിബന്ധനയിൽ നിലവിലുള്ള നിയമങ്ങൾക്കു വിധേയമായി അപേക്ഷകനു ക്വാറി പ്രവർത്തനത്തിനുള്ള അനുമതി നൽകി ഉത്തരവാകുന്നു. താഴെ പറയുന്ന നിബന്ധനകൾ അപേക്ഷകൻ നിർബന്ധമായും പാലിക്കേണ്ടതാണ്.

നിബന്ധനകൾ

1. ജലസേചനവകുപ്പിന്റെ NOC യുടെ സാധുത ഖനന ലൈസൻസിന്റെ അതേ കാലയളവിൽ ആയിരിക്കും.
2. ഒരു വർഷത്തിനുശേഷം കനാലും ജലസേചന നിർമ്മിതികളും ജലസേചന വകുപ്പിലെ ബന്ധപ്പെട്ട ഉദ്യോഗസ്ഥൻമാരാകുന്ന സമിതി പരിശോധിച്ചതിന്റെ അടിസ്ഥാനത്തിൽ, നിലവിലുള്ള സർക്കാർ നിയമങ്ങൾക്കനുസരിച്ച് പുതുക്കി നൽകുന്നതിനെ കുറിച്ച് അതാതു സമയത്ത് തീരുമാനമെടുക്കുന്നതാണ്.
3. ക്വാറിയുടെ പ്രവർത്തനം പരിശോധിക്കാൻ ഏതു സമയത്തും ജലസേചന വകുപ്പ് ഉദ്യോഗസ്ഥർക്ക് അധികാരമുണ്ടായിരിക്കുന്നതാണ്.
4. ക്വാറിയിൽ നിന്നുള്ള സ്റ്ററിയടങ്ങിയ ജലമോ മറ്റു പൊടിപടലങ്ങളോ വെള്ളത്തിൽ കലരാനോ പാടില്ലാത്തതാകുന്നു. ആയത് കനാലിൽ അടിച്ചാതിരിക്കാനുള്ള സ്ഥിരമായ സംവിധാനം ക്വാറി ഉടമ സ്വന്തം ചിലവിൽ നടത്തേണ്ടതാണ്.
5. ഈ നിരാക്ഷേപപത്രം ക്വാറി പ്രവർത്തിക്കുന്നതിനുള്ള അനുമതിയല്ല. ക്വാറിയുടെ പ്രവർത്തനത്തിനുവേണ്ട മറ്റു അനുമതികൾ ക്വാറി ഉടമ സ്വന്തം ഉത്തരവാദിത്വത്തിൽ നേടേണ്ടതാണ്.

6. യഥാസമയങ്ങളിൽ ഈ വിഷയത്തിൽ സർക്കാർ തലത്തിൽ എടുക്കുന്ന തീരുമാനങ്ങൾ ഈ സമ്മതപത്രത്തിനും ബാധകമായിരിക്കും
7. മേൽ ക്യാറിയുടെ പ്രവർത്തനം മൂലമോ കനാൽ ബണ്ടിലൂടെ കരിങ്കൽ കയറ്റിയ ലോറികൾ പോകുന്നതുമൂലമോ കനാലിനോ കനാൽ ബണ്ടിനോ എന്തെങ്കിലും കേടുപാടുകൾ പറ്റിയാൽ പുനരുദ്ധാരണ പ്രവർത്തികൾ അപേക്ഷകന്റെ സ്വന്തം ചിലവിലും ഉത്തരവാദിത്വത്തിലും യാതൊരു ആക്ഷേപവും കൂടാതെ ഡിപ്പാർട്ട്മെന്റിന് തൃപ്തികരമായ രീതിയിൽ ഡിപ്പാർട്ട്മെന്റ് അധികൃതരുടെ നിയന്ത്രണത്തിലും മേൽ നോട്ടത്തിലും നടത്തേണ്ടതാണ്.
8. കനാലിന്റെ ഒഴുക്കിനെ തടസ്സപ്പെടുത്തുന്ന യാതൊന്നും ചെയ്യുവാൻ പാടില്ല.
9. കനാൽ ബണ്ടിലുള്ള മരങ്ങൾ വെട്ടിമാറ്റുവാൻ പാടുള്ളതല്ല.
10. ടി അനുമതി ഡിപ്പാർട്ട്മെന്റിന് എപ്പോൾ വേണമെങ്കിലും കാരണം കൂടാതെ റദ്ദാക്കാനുള്ള അധികാരം ഉണ്ടായിരിക്കും. പരിസരവാസികൾക്ക് ഏതെങ്കിലും വിധത്തിലുള്ള അപായമോ ആരോഗ്യപ്രശ്നങ്ങളോ മറ്റു ബുദ്ധിമുട്ടുകളോ ഉണ്ടാവുന്നതായി പരാതി ഉണ്ടാവുകയാണെങ്കിൽ ആയത് പരിശോധിച്ച് വകുപ്പിന് ബോധ്യപ്പെടുന്ന പക്ഷം ഈ അനുമതി സ്വാഭാവികമായി റദ്ദാക്കപ്പെടുന്നതാണ്.
11. സുരക്ഷിതത്വത്തിനു പുറമേ ആയതുമൂലം ഉണ്ടാവുന്ന എല്ലാ പരാതികളുടെയും ബാധ്യത അപേക്ഷകനിൽ നിക്ഷിപ്തമാണ്.
12. മേൽ പറഞ്ഞ കാര്യങ്ങൾ ഉൾപ്പെടുത്തി 200/- രൂപയുടെ മൂദ്രപത്രത്തിൽ അസിസ്റ്റന്റ് എക്സിക്യൂട്ടീവ് എഞ്ചിനീയർ, കെ.പി.ഐ.പി ഹെഡ് വർക്സ് സബ് ഡിവിഷൻ കാഞ്ഞിരപ്പുഴ അപേക്ഷകൻ കരാർ ഉടമ്പടിയിൽ ഏർപ്പെടേണ്ടതാണ്.
13. കരാറിലെ ഏതെങ്കിലും നിബന്ധനകൾ ലംഘിച്ചതായി കണ്ടാൽ ടി അനുമതി മറ്റൊരറിയിപ്പ് ഇല്ലാതെ തന്നെ റദ്ദാക്കപ്പെടുന്നതാണ്.



✓ എക്സിക്യൂട്ടീവ് എഞ്ചിനീയർ
Executive Engineer
Irrigation Division
Malampuzha - 678 651

സ്വീകർത്താവ്

ശ്രീ.എൽദോസ് ഐസക്ക്, കൊല്ലാലിൽ വീട്
വെങ്ങോല പോസ്റ്റ് - എറണാകുളം

ANNEXURE 5

Mines Manager Certificate

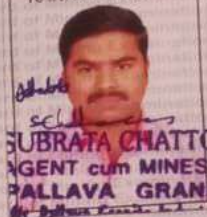
/SCZ/ 0996

Cert No. MR



सत्यमेव जयते

KANHAIYA KUMAR



SUBRATA CHATTOPADHYAY
AGENT cum MINES
PALLAVA GRAM

भारत सरकार/Government of India
खान अधिनियम, 1952/Mines Act, 1952

खनन परीक्षा बोर्ड/Board of Mining Examinations

खनन मेट सक्षमता प्रमाण-पत्र

MINING MATE'S CERTIFICATE OF COMPETENCY

(केवल ओपेनकास्ट खानों तक सीमित)

(Restricted to mines having opencast workings only)

(धात्विकीय खान विनियम, 1961 के अन्तर्गत)

(Under the Metalliferous Mines Regulations, 1961)

श्री कन्हैया कुमार

रामायन चौधरी

जिनकी जन्म तिथि 06-02-1991

सुपुत्र

है, को अपनी

आयु, स्वस्थता, सदाचार, साक्षरता और धात्विकीय खानों में काम करने के विहित अनुभव का सन्तोषजनक प्रमाण प्रस्तुत करने एवं दिनांक 24-03-2018 को जी वी टी सी, कालिचेडु केन्द्र पर आयोजित विहित परीक्षा में उत्तीर्ण होने पर एतद्वारा केवल ओपेनकास्ट खानों तक सीमित मेट सक्षमता प्रमाण-पत्र प्रदान किया जाता है।

Shri KANHAIYA KUMAR

son of

RAMAYAN CHOUHDARY

born on 06 February 1991

having given satisfactory evidence of his age,

medical fitness, good character, literacy and prescribed experience of working in metalliferous mines and having passed the prescribed examination held at GVTC, Kalichedu

centre on 24-03-2018

is hereby granted MINING MATE'S CERTIFICATE OF

COMPETENCY restricted to mines having opencast workings only.

बाएं हाथ के अंगूठे का निशान

Left hand thumb impression



अंचल सचिव

खनन परीक्षा बोर्ड

Zonal Secretary
Board of Mining
Examinations

अध्यक्ष

खनन परीक्षा बोर्ड

Chairman
Board of Mining
Examinations

Signed and Sealed

Date 08-08-2018

ANNEXURE 6

Air Quality monitoring Report

TEST REPORT

ULR No: TC1293926000019149F		
LRI No: SEAAL26071175A	Date: 13-07-2026	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	Mr. Eldho Issac Kolliallil (H) Vengola, Perumbavoor, Ernakulam District.
Customer Reference	Test Request date: 09-07-2026

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN26070360
Sample Name	Ambient Air	Sample Received on	10-07-2026
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	11-07-2026
Sampled by	Lab Authorized Sampler	Test Completed on	13-07-2026

DETAILS OF SAMPLING			
Sampling Location	E	Date of Sampling	09-07-2026
Sampling Procedure	SEAAL/CHL /SOP/7.3/02	Humidity	69 %

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re Survey No	208/1		
Village	Alanallur III	Taluk	Mannarkkad
District	Palakkad	State	Kerala

TEST RESULTS - CHEMICAL DISCIPLINE					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ Standards
1	Particulate Matter, PM ₁₀	IS 5182 (Part 23):2006	µg/m ³	42.4	100 (Max)
2	Particulate Matter, PM _{2.5}	IS 5182 (Part 24):2019	µg/m ³	21.6	60 (Max)
3	Sulphur Dioxide as SO ₂	IS 5182 (Part 2/Sec-1): 2023	µg/m ³	<4.00	80 (Max)
4	Nitrogen dioxide as NO ₂	IS 5182 (Part 6): 2006	µg/m ³	<4.00	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

TEST REPORT

ULR No: TC1293926000019150F

LRI No: SEAAL26071176A

Date: 13-07-2026

Page 1 of 1

CUSTOMER DETAILS

Customer Name & Address	Mr. Eldho Issac Kolliallil (H) Vengola, Perumbavoor, Ernakulam District.
Customer Reference	Test Request date: 09-07-2026

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN26070361
Sample Name	Ambient Air	Sample Received on	10-07-2026
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	11-07-2026
Sampled by	Lab Authorized Sampler	Test Completed on	13-07-2026

DETAILS OF SAMPLING

Sampling Location	SSW	Date of Sampling	09-07-2026
Sampling Procedure	SEAAL/CHL /SOP/7.3/02	Humidity	69 %

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS

Re Survey No	208/1		
Village	Alanallur III	Taluk	Mannarkkad
District	Palakkad	State	Kerala

TEST RESULTS - CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ Standards
1	Particulate Matter, PM ₁₀	IS 5182 (Part 23):2006	µg/m ³	44.1	100 (Max)
2	Particulate Matter, PM _{2.5}	IS 5182 (Part 24):2019	µg/m ³	22.7	60 (Max)
3	Sulphur Dioxide as SO ₂	IS 5182 (Part 2/Sec-1): 2023	µg/m ³	<4.00	80 (Max)
4	Nitrogen dioxide as NO ₂	IS 5182 (Part 6): 2006	µg/m ³	<4.00	80 (Max)

Remarks:

End of Report


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: TC1293926000019151F

LRI No: SEAAL26071177A

Date: 13-07-2026

Page 1 of 1

CUSTOMER DETAILS

Customer Name & Address	Mr. Eldho Issac Kolliallil (H) Vengola, Perumbavoor, Ernakulam District.
Customer Reference	Test Request date: 09-07-2026

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN26070362
Sample Name	Ambient Air	Sample Received on	10-07-2026
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	11-07-2026
Sampled by	Lab Authorized Sampler	Test Completed on	13-07-2026

DETAILS OF SAMPLING

Sampling Location	NNW	Date of Sampling	09-07-2026
Sampling Procedure	SEAAL/CHL /SOP/7.3/02	Humidity	69%

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS

Re Survey No	208/1		
Village	Alanallur III	Taluk	Mannarkkad
District	Palakkad	State	Kerala

TEST RESULTS - CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ Standards
1	Particulate Matter, PM ₁₀	IS 5182 (Part 23):2006	µg/m ³	46.6	100 (Max)
2	Particulate Matter, PM _{2.5}	IS 5182 (Part 24):2019	µg/m ³	23.8	60 (Max)
3	Sulphur Dioxide as SO ₂	IS 5182 (Part 2/Sec-1): 2023	µg/m ³	<4.00	80 (Max)
4	Nitrogen dioxide as NO ₂	IS 5182 (Part 6): 2006	µg/m ³	<4.00	80 (Max)

Remarks:

End of Report



Shency Joy
TM - Chemical
 Checked by




Ramar R.
Technical Head
 Authorized Signatory

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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

ANNEXURE 7

Noise level Monitoring Report

TEST REPORT

ULR No: TC1293926000019152F		
LRI No: SEAAL26071178A	Date: 13-07-2026	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	Mr. Eldho Issac Kolliallil (H) Vengola, Perumbavoor, Ernakulam District.
Customer Reference	Test Request date: 09-07-2026

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN26070363
Sample Name	Ambient Noise	Monitoring Commenced on	09-07-2026
Monitoring Location	E	Monitoring Completed on	10-07-2026
Test Method	IS 9989:1981	Sampled by	Lab Authorized Sampler

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re Survey No	208/1		
Village	Alanallur III	Taluk	Mannarkkad
District	Palakkad	State	Kerala

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	39.4	14:00	52.8	22:00	40.7
07:00	42.2	15:00	53.2	23:00	39.5
08:00	46.7	16:00	54.4	24:00	41.1
09:00	50.3	17:00	54.8	01:00	39.1
10:00	52.8	18:00	49.1	02:00	38.7
11:00	56.0	19:00	45.5	03:00	40.3
12:00	53.2	20:00	41.4	04:00	41.1
13:00	52.4	21:00	40.9	05:00	43.1

TEST RESULTS - CHEMICAL DISCIPLINE			
Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	53.4
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	42.1

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.

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

TEST REPORT

ULR No: TC1293926000019153F		
LRI No: SEAAL26071179A	Date: 13-07-2026	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	Mr. Eldho Issac Kolliallil (H) Vengola, Perumbavoor, Ernakulam District.
Customer Reference	Test Request date: 09-07-2026

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN26070364
Sample Name	Ambient Noise	Monitoring Commenced on	09-07-2026
Monitoring Location	SSW	Monitoring Completed on	10-07-2026
Test Method	IS 9989:1981	Sampled by	Lab Authorized Sampler

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re Survey No	208/1		
Village	Alanallur III	Taluk	Mannarkkad
District	Palakkad	State	Kerala

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	38.0	14:00	51.0	22:00	39.6
07:00	40.8	15:00	51.4	23:00	38.4
08:00	45.1	16:00	52.5	24:00	39.9
09:00	48.6	17:00	52.9	01:00	38.0
10:00	51.0	18:00	47.4	02:00	37.6
11:00	54.1	19:00	43.9	03:00	39.2
12:00	51.4	20:00	40.0	04:00	39.9
13:00	50.6	21:00	39.5	05:00	41.9

TEST RESULTS - CHEMICAL DISCIPLINE			
Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	51.5
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	40.9

Remarks:

End of Report


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: TC1293926000019154F		
LRI No: SEAAL26071180A	Date: 13-07-2026	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	Mr. Eldho Issac Kolliallil (H) Vengola, Perumbavoor, Ernakulam District.
Customer Reference	Test Request date: 09-07-2026

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN26070365
Sample Name	Ambient Noise	Monitoring Commenced on	09-07-2026
Monitoring Location	NNW	Monitoring Completed on	10-07-2026
Test Method	IS 9989:1981	Sampled by	Lab Authorized Sampler

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re Survey No	208/1		
Village	Alanallur III	Taluk	Mannarkkad
District	Palakkad	State	Kerala

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	38.6	14:00	51.7	22:00	40.4
07:00	41.4	15:00	52.1	23:00	39.2
08:00	45.8	16:00	53.3	24:00	40.8
09:00	49.4	17:00	53.7	01:00	38.8
10:00	51.7	18:00	48.2	02:00	38.4
11:00	54.9	19:00	44.6	03:00	40.0
12:00	52.1	20:00	40.6	04:00	40.8
13:00	51.3	21:00	40.1	05:00	42.7

TEST RESULTS - CHEMICAL DISCIPLINE			
Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	52.3
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	41.7

Remarks: ***End of Report***


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

ANNEXURE 8

Ground Water Quality Report

TEST REPORT

ULR No: TC1293926000019155F

LRI No.: SEAAL26071181A

Date: 13-07-2026

Page 1 of 2

CUSTOMER DETAILS

Customer Name & Address	Mr. Eldho Issac Kolliallil (H) Vengola, Perumbavoor, Ernakulam District.
Customer Reference	Test Request Date: 09-07-2026

SAMPLE DETAILS

Product Category	Water	Sample Code	WT26070393
Sample Name	Ground Water	Sample Received on	10-07-2026
Sample Description by Customer	Open Well Water	Temperature @ Receipt	4°C
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	10-07-2026
Sample Quantity & Packing	2 L & 125 ml in a Plastic Bottle	Test Completed on	13-07-2026
Information Provided by Customer	---	Sampled by	Lab Authorized Sampler

DETAILS OF SAMPLING

Sample Source	Project Site	Date of Sampling	09-07-2026
Sampling Procedure	SEAAL/QAD/SOP/7.3/01	Sample Temperature	27 °C

INFORMATION PROVIDED BY CUSTOMER-SAMPLING SITE DETAILS

Survey No.	208/1		
Village	Alanallur III	Taluk	Mannarkkad
District	Palakkad	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)
2	Odour	IS 3025 (Part 5): 2018	---	Agreeable	Agreeable


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

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TEST REPORT

ULR No: TC1293926000019155F

LRI No.: SEAAL26071181A

Date: 13-07-2026

Page 2 of 2

TEST RESULTS – CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
3	Turbidity	IS 3025 (Part 10): 2023	NTU	<0.10	1.0 (Max)
4	pH @ 25°C	IS 3025 (Part 11): 2022	---	6.65	6.50–8.50
5	Conductivity	IS 3025 (Part 14): 2013	µS/cm	86.0	---
6	Total Dissolved Solids @ 180°C	IS 3025 (Part 16): 2023	mg/L	56.0	500 (Max)
7	Total Hardness as CaCO ₃	IS 3025 (Part 21): 2009	mg/L	22.0	200 (Max)
8	Calcium as Ca	IS 3025 (Part 40): 2024	mg/L	5.60	75 (Max)
9	Magnesium as Mg	IS 3025 (Part 46): 2023	mg/L	1.95	30 (Max)
10	Chloride as Cl	IS 3025 (Part 32): 2025	mg/L	15.9	250 (Max)
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23): 2023	mg/L	12.0	200 (Max)
12	Iron as Fe	IS 3025 (Part 53): 2024	mg/L	0.18	1 (Max)
13	Sulphate as SO ₄	IS 3025 (Part 24/Sec 1): 2022	mg/L	<1.00	200 (Max)

TEST RESULTS – BIOLOGICAL DISCIPLINE

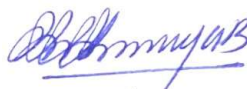
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
1	Total Coliform Bacteria	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml
2	<i>E.coli</i>	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml

Remarks:

End of Report



Shency Joy
TM - Chemical
 Checked by

Remya B.
TM-Biological
 Authorized Signatory



Ramar R.
Technical Head
 Authorized Signatory

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ANNEXURE 9

Certificate from Kerala Forest & Wildlife Department

KERALA FORESTS & WILDLIFE DEPARTMENT

SV3-4001/23

Office of the Wildlife Warden
'Aranyakam', Silent Valley Division
Mannarkkad-678582
Ph: 04924-222056
Mob: 944797910
ww-svnp.for@kerala.gov.in

CERTIFICATE

Certified that the granite quarry situated In Survey No.208/01 Alanallur-III village in Mannarkkad Taluk in Palakkad District as per the request received from Sri. Eldho Issac, Kolliallil House,Vengola (PO),Perumbavoor, Ernakulam is of 4.430 Km. away from the boundary of Silent Valley National Park and 1.775 Km. away from the boundary of the draft Eco Sensitive Zone of Silent Valley National Park.

This certificate is issued to be produced before the Secretary, State Environment Impact Assessment Authority, Kerala.

13.12.2023



Wildlife Warden
Silent Valley Division



Copy to : Sri. Eldho Issac, Kolliallil House,Vengola (PO),Perumbavoor, Ernakulam.

ANNEXURE 10
Affidavit on EC

നോൺ ജുഡീഷ്യൽ

NON JUDICIAL

₹ 200

₹ 200

കേരള സർക്കാർ
GOVERNMENT OF KERALA
e-Stamp

e-Stamp Serial Number : 202627000002428831

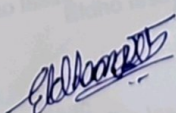
Verification Code : 714822976V

Govt. Reference No.(GRN)	: KL017310058202627E
Purpose	: Affidavit
Amount of Stamp Paper Purchased in Numeral	: ₹ 200
Amount of Stamp Paper Purchased in Words	: Rupees Two Hundred
Stamp Paper Purchased on	: 06/07/2026 12:15:32
First Party Name	: Eldho Issac
First Party Address	: Kolliallil (H) Vengola PO
Second Party Name	: Director
Second Party Address	: State Level Environment Impact Assessment Authority Thampanoor Thiruvananthapuram
Vendor Code & Name	: 12072251 - V R BEENA
Treasury Code & Name	: 1207 - Sub Treasury, Kunnathunad

Please write or type below this line

I , Eldho Issac, Kolliallil House, Vengola P. O, Perumbavoor, Ernakulam-683556 do hereby solemnly affirm and confirm that,
I have obtained an Environmental Clearance, by the State Environment Impact Assessment Authority, Kerala vide EC No. 28/Q/2025 dtd. 10-03-2025 (Proposal No. SIA/KL/MIN/72951/2022, File No. 1590/EC1/2019/SEIAA,) for the extraction of Granite building stone for an area of 4.7023 Ha in Sy. No. 208/1 in Alanallur III Village, Mannarkkad Taluk, Palakkad District, Kerala. All the conditions stipulated in the EC (Specific Conditions and General Conditions) will be scrupulously followed.

Dated this the 06th Day of July 2026


Eldho Issac



This can be verified by https://estamp.treasury.kerala.gov.in/index.php/estamp_search using e-Stamp Serial Number and Verification Code.

In case of any discrepancy, please inform the competent authority.

V. R. BEENA
STAMP VENDOR
PERUMBAVOOR