

ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

April 2025 – September 2025

For

Granite Building Stone Quarry

of

K. M. Stephen

At

Extent : 4.9003 Ha

Re Sy. Nos. : 399/2, 399/2-1, 399/2-2, 399/2-3, 399/3,
745/2, 745/3, 745/4, 745/5, 745/7,
745/8, 745/9, 745/10, 745/11, 745/12,
745/13, 745/14, 746/1, 746/2, 746/2-1

Village : Karimannur

Taluk : Thodupuzha

District : Idukki

State : Kerala

EC No. 8/Q/2024

EC Identification No. - EC24B001KL191179

EC File No: 1527/EC1/2019/SEIAA

Date of Issue: 22/01/2024

08.11.2025

To,

The Deputy Director General of Forests (C),
Regional office, MoEFCC Bengaluru, Kedriya Sadan,
4th Floor, E&F Wings, 17th Main Road,
Koramangala II Block, Bangalore – 560034.

Respected Sir,

Sub: Environmental Clearance Compliance Report for the period April 2025 - September 2025 pertaining to ‘Granite Building Stone Quarry of K. M. Stephen’.

Ref: EC Identification No. - EC24B001KL191179, Dated: 22/01/2024

As per conditions of the above referred Environmental Clearance (EC), please find enclosed compliance report for period from April 2025 – September 2025 of the EC Granted ‘Granite Building Stone Quarry Project K. M. Stephen’ by Ministry of Environmental & Forest under EPA (1986). Also enclosed relevant Annexures in Support of the compliance report for your perusal and record please. A soft copy of the same is sent by email for your record and perusal. We hope you will find the attached Status Report in Order. Thanking you, Yours truly,

For ‘Granite Building Stone Quarry Project of K. M. Stephen’

K. M. Stephen,
Owner

Encl: as above

Cc: The Member Secretary

State Environment Impact Assessment Authority (SEIAA) Directorate
of Environment & Climate Change

4th Floor, KSRTC Bus Terminal,

Introduction

K. M. Stephen, S/o Mani, Kaniyarkuzhiyil, Karimkunnam.P.O., Idukki – 685586 has been granted for a mining lease to quarry Granite Building Stone over an area of 4.9003 Ha in Re Sy. 399/2, 399/2-1, 399/2-2, 399/2-3, 399/3, 745/2, 745/3, 745/4, 745/5, 745/7, 745/8, 745/9, 745/10, 745/11, 745/12, 745/13, 745/14, 746/1, 746/2, 746/2-1 in Karimannur Village, Thodupuzha Taluk, Idukki, Kerala State.

The Environmental clearance is also obtained for this mining lease vide File no 1527/EC1/2019/SEIAA, Dated: 22/01/2024. This granite building stone quarry is located at 2.4 km from Karimannur Village in Thodupuzha Taluk, which is located at about 30.0 km of Idukki town. The quarry can be reached via Thekkinkottam - Cheradi Road.

The project is in the pre-operational phase, with all preparatory works being planned in accordance with the approved mining plan, EC conditions, and applicable statutory regulations. This report presents the current status of compliance with the environmental and statutory conditions prior to commencement of mining activities, ensuring that all safeguards for environmental protection, worker safety, and community well-being are in place before operations begin.

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

Description of the project

File No.	1527/EC1/2019/SEIAA
Name of the project	K. M. Stephen (Minor Mineral)
District and state	Idukki, Kerala
Taluk / Mandal	Kunnathunad
Category & Schedule	B2 & Schedule 1(a)
Khasara No. / Plot No. / Block / Gate No. etc.,	Re Sy. Nos. 399/2, 399/2-1, 399/2-2, 399/2-3, 399/3, 745/2, 745/3, 745/4, 745/5, 745/7, 745/8, 745/9, 745/10, 745/11, 745/12, 745/13, 745/14, 746/1, 746/2, 746/2-1
Extent of Area	1 4.9003 Ha
Ownership/ Occupancy	Private Own Land
Existence of public road/railway line, if any, nearby and approximate distance Nearest Port / Airport	The nearest railhead is at Piravom road - 51.4 Km from the mine. Nearest airport –Kochi Airport (61.9 km)
Latitude & Longitude	N-09°54'09.54" to N-09°54'00.14" E-76°46'58.66" to E-76°46'48.04"
Address of Registered office	K. M. Stephen, S/o. Mani, Kaniyarkuzhiyil, Karimkunnam. (P.O). Idukki District, Kerala State – 685 586,

Compliance for the Site-specific conditions & General conditions for the EC granted mining project of ‘Granite Building Stone Quarry of K. M. Stephen vide E. C. File No: 1527/EC1/2019/SEIAA, Dated: 22/01/2024 is done and details are mentioned below.

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

SPECIFIC CONDITIONS:

Sl. No	Condition	Status of Compliance
1	The validity of Environmental Clearance is subject to the final verdict of the Hon'ble High Court in WP(C) No. No. 36171 of 2022 & WP(C) No. 20030 of 2023 filed by Sri. Vincent K. George, WP(C) No. 25442 of 2023 filed by Sri. Johny Ulahannan & WP (C) No.26634/2023 filed by Sri. K. M. Stephen.	The Environmental Clearance for the project is currently valid, subject to the final verdict of the Hon'ble High Court in WP(C) No. 36171 of 2022, WP(C) No. 20030 of 2023, WP(C) No. 25442 of 2023, and WP(C) No. 26634 of 2023.
2	The Project Proponent shall carry out quarrying as per the approved Mining Plan and as per the Specific Conditions mentioned hereafter.	Quarrying shall be carried out strictly in accordance with the approved Mining Plan and the specific conditions mentioned in the Environmental Clearance. All preparatory activities are being planned to ensure full compliance prior to the commencement of mining operations.
3	The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.	Quarrying operations will be conducted in strict compliance with the Kerala Minor Mineral Concession (KMMC) Rules, 2015, and its subsequent amendments.
4	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.	The Environmental Clearance is valid from the date of execution of the mining lease. A copy of the lease order has been submitted to SEIAA prior to the commencement of mining activities.
5	Minimum 50m buffer area or the safe distance for mining should be clearly provided from the house of Sri Johny Ulahannan before the commencement of mining and sketches of the same shall be submitted to the Authority.	A minimum 50 m buffer zone from the house of Sri Johny Ulahannan has been demarcated on-site, with an additional 50 m buffer, and the sketch has been approved by the Taluk authorities.

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

6	<p>The mining should be limited to the depth of 95m above MSL, considering the depth to water table reported as 90m above MSL. The mineable resources shall be reworked accordingly by the Mining and Geology Department while approving the Scheme of Mining / issuing the lease or permit.</p>	<p>Mining is limited to a maximum depth of 95 m above MSL, considering the local water table at 90 m above MSL. The Mining and Geology Department has approved the modified Mining Plan based on this depth restriction.</p>
7	<p>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), Schleicher oleosa (Poovam), Artocarpus hirsutus (Ayiniplavu) etc.</p>	<p>Development of the green belt using indigenous species will be initiated prior to the commencement of mining activities. Preparatory planning is underway to ensure proper selection and plantation of suitable species.</p>
8	<p>Blasting should be conducted with a maximum of 30 holes in a blast round using 32mm diameter blast holes drilled with handheld Jack hammer drill to a maximum depth of 1.5m and each hole charged with a maximum of 250gm of explosive.</p>	<p>Blasting will be conducted using a maximum of 30 holes per blast round, with 32 mm diameter holes drilled to a depth of 1.5 m and each charged with a maximum of 250 g of explosive. Qualified personnel will be appointed to monitor the blasting operations to ensure compliance with safety and environmental standards.</p>
9	<p>NONEL based shock-tube detonators should be used for initiation so as to have hole to hole delay of 17ms and 25ms and accordingly row to row delay of 25ms or 42ms.</p>	<p>NONEL-based shock-tube detonators will be used for initiation, ensuring a hole-to-hole delay of 17 ms and 25 ms, and a row-to-row delay of 25 ms or 42 ms as per the EC conditions.</p>

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

10	Adequate muffling arrangements should be made to restrict fly rocks within 10m.	Adequate muffling arrangements will be implemented to ensure that fly rocks are restricted within 10 m from the blasting site, in compliance with the EC conditions.
11	The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.	Since mining has not yet commenced, monitoring of vibration due to blasting on nearby houses and structures will be carried out once operations begin, and the results will be included in the forthcoming Half-Yearly Compliance Reports.
12	The garland canal, silt traps, siltation pond and outflow channel covering the entire project area should be provided with immediate effect. The outflow channel should be connected to the nearest natural drain.	Since mining has not yet commenced, the garland canal, silt traps, siltation pond, and outflow channel covering the entire project area will be constructed before the start of operations. The outflow channel will be connected to the nearest natural drain as required.
13	The siltation pond should be set up at the bottom portion of the site so as to prevent outflow of turbid water	The siltation pond will be constructed at the bottom portion of the site as per the drainage plan in the approved Mining Plan
14	The proponent should periodically clean and maintain the garland canal, silt traps, outflow channel and connected drains and geo-tagged photographs of the activity should be submitted along with Half Yearly Compliance Reports.	Periodic cleaning and maintenance of the garland canal, silt traps, outflow channel, and connected drains will be carried out once mining operations start. Geo-tagged photographs of these activities will be submitted along with the Half-Yearly Compliance Reports.
15	The garland canal, catch water drains, silt traps, water holding and clarifier pond and outflow channel should be cleaned and desilted periodically and geo-tagged photographs of the process should be	Cleaning and desilting of the garland canal, catch water drains, silt traps, water holding and clarifier pond, and outflow channel will be carried out periodically, and geo-tagged photographs of these activities will be included in the upcoming Half-Yearly

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

	included in the Half Yearly Compliance Report.	Compliance Reports.
16	Overburden dumping site should be provided with protective walls in the lower slope portion of the project area and overburden dump should be protected with retention wall of appropriate height	Overburden materials will be stored at the designated dumping site, which will be provided with protective and retention walls of appropriate height at the lower slope portions to ensure safety and stability.
17	Planting of trees of local species on both sides of the road within the project site should be completed prior to commencement regular mining.	Planting of local tree species on both sides of the road within the project site has been initiated and will be completed prior to the commencement of regular mining.
18	The green belt should be developed and nurtured on a regular basis and the status of the green belt should be uploaded along with geo-tagged photographs in the HYCR.	The development of the green belt has been initiated and will be nurtured and maintained on a regular basis throughout the project.
19	Compensatory afforestation should be done with indigenous species of trees as mentioned in the biodiversity in the land earmarked for the purpose. The geo-tagged photographs of the compensatory afforestation site should be uploaded along with the HYCR.	Planning for compensatory afforestation with indigenous tree species in the earmarked land is underway. Geo-tagged photographs of the site will be included in the upcoming Half-Yearly Compliance Report (HYCR) once planting is completed.
20	Environment Management Cell (EMC) should include one subject expert in environment management. The proceedings of the monthly meeting of the EMC should be submitted along with the HYCR.	The Environment Management Cell (EMC) is being constituted and will include one subject expert in environmental management. The formation of the EMC will commence shortly.
21	Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).	Transportation of mined material will be planned to avoid peak hours in the forenoon (8:30 AM to 10:30 AM) and afternoon (3:30 PM to 5:00 PM) once mining operations commence.

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

22	Adequate sanitation, waste management and rest room facilities should be provided to the workers	Adequate sanitation, waste management, and restroom facilities are being planned and will be provided to all workers before the commencement of mining operations.
23	The overburden material should be stored at the designed place and the height of the retaining wall should be raised appropriately for protecting the overburden stock.	Overburden material will be stored at the designated site, and the height of the retaining wall will be raised appropriately to ensure the safety and stability of the overburden stock.
24	It is desirable to erect a temporary barrier with light roofing material covering the boundary of the project area connecting Boundary Pillar No. 5, 4, 3, 2, 1, 21, 20, 19, 18, 17 and 16	The erection of a temporary barrier with light roofing material along the project boundary connecting Boundary Pillars 16 to 5 is currently underway.
25	Adequate energy conservation measures proposed should be implemented including solar power installations for street lights and office. At least, 40% of the energy requirement of the project should be met from the solar power.	Planning for adequate energy conservation measures, including solar power installations for street lights and the office, is underway. Efforts will be made to meet at least 40% of the project's energy requirement from solar power once operations commence.
26	Adequate measures should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.	Adequate measures for rainwater harvesting, in accordance with the guidelines issued by the Central Groundwater Authority, are being planned for implementation.
27	Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.	Blasting mats will be used during rock blasting to contain the blast, prevent fly rocks, and suppress dust, as per the EC conditions.
28	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	Planning for the implementation of the Environment Management Plan (EMP)/Corporate Environmental Responsibility (CER) is underway. The plan will address environmental issues in the project region with year-wise physical and financial targets, in consultation with Local

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

	<p>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.</p>	<p>Self-Government Institutions, and will allocate 2% of the project cost for CER activities.</p>
29	<p>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.</p>	<p>Only NONEL (Non-Electrical) technology shall be used for blasting to minimize ground vibrations, prevent cracks in surrounding structures, and reduce disturbances to humans and wildlife.</p>
30	<p>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.</p>	<p>Re-grassing of the mining area and any other disturbed areas will be undertaken to restore the land for the growth of fodder, flora, and fauna, in accordance with the directions of MoEF&CC and the Hon'ble Supreme Court.</p>
31	<p>The violation of EC condition may lead to cancellation of EC and action under The</p>	<p>Compliance with all EC conditions will be ensured.</p>

Compliance Report for the period of April 2025 – September 2025
Granite Building Stone Quarry Project of K. M. Stephen

	Environment (Protection) Act 1986.	
--	------------------------------------	--

GENERAL CONDITIONS

Sl. No	Conditions	Status of compliance
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.	Notarized affidavit with EC number and date, confirming compliance with all stipulated conditions, has been provided. Copy of Notarized affidavit is attached as Annexure 01.
2	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.	All statutory clearances were obtained. i. Copy of Magazine license is attached as Annexure - 02. ii. Consent to operate from KSPCB is attached as Annexure 03. iii. Panchayath License is attached as Annexure - 04.

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

3	<p>The project proponent should advertise in newspapers that the project has been accorded Environmental Clearance and copies of clearance letters are available in the Office of State Environment Impact Assessment Authority (SEIAA) and on the website of the Authority at www.seiaakerala.in. The advertisement should be in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language. The advertisement should be made within 10 days from the date of receipt of the Environmental Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.</p>	<p>Advertisements have been published in the newspapers. The photos of newspaper reports are attached as Annexure 05.</p>
4	<p>The 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. The Environmental Clearance shall also be uploaded on the website of the company.</p>	<p>A copy of EC letter was sent to Concerned Panchayat. Copy of Panchayat License is attached as Annexure - 04. The Environmental Clearance has been uploaded on the website (http://granistonequarry.com) of the company.</p>
5.	<p>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.</p>	<p>The lease area has been fenced, and boundary pillars have been erected and properly maintained. Appropriate signboards will be installed. Photos of the boundary pillars are attached as Annexure 6.</p>

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

6	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.	The signboard displaying Environmental Clearance details and lease area boundaries will be installed before the commencement of mining.
7	Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department. Mats to reduce fly rock blasts to a maximum of 10 PPV should be provided.	Explosives are stored in Magazine in isolated place specified and approved by the Explosives Department. Photo of magazine is attached as Annexure 07 .
8	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department.	Warning alarms indicating blasting times, as stipulated by the Explosives Department, will be arranged before blasting operations commence.
9	Access roads to the quarry shall be black topped to contain dust emissions that may arise during transportation of materials. The transportation of minerals should be done in covered trucks to contain dust emissions.	Access roads to the quarry will be black-topped, and transportation of minerals will be carried out using covered trucks to minimize dust emissions once mining operations commence.

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

10	A separate Environmental Management Cell (EMC) with suitable qualified personnel should be set-up under the chairmanship of a Senior Executive, who will report directly to the Head of the Organization. The Cell should have representative of Biodiversity Management Committee of the Panchayat and a representative of NGO, if any active in the area. The EMC should meet at least once in six months and review the activities and minutes should be a part of the compliance report.	The Environment Management Cell (EMC) is being constituted and will include one subject expert in environmental management. The formation of the EMC will commence shortly.
11	Quarrying has to be carried out as per approved mining plan with the suggestions from SEAC incorporated and following KMMC rules 2015 and the Amendments thereby.	Quarrying will be carried out as per the approved mining plan, incorporating SEAC suggestions and complying with the Kerala Minor Mineral Concession (KMMC) Rules 2015 and subsequent amendments.
12	The quarrying operation (Blasting) shall be restricted between 7 AM and 5PM.	Quarrying operations, including blasting, will be restricted to the hours between 7 AM and 5 PM.
13	Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Planning for rainwater harvesting facilities, as per KMBR/KPBR provisions, and maximum solar energy generation and utilization is underway as an essential part of the project.
14	Maximum depth of mining shall be as per the mining plan and as per specific direction of SEAC after field inspection. The maximum depth of mining should not be deeper than the local ground water table. No mining operations should be carried out at places having a slope greater than 45°.	The maximum depth of mining will be in accordance with the approved mining plan. Mining operations will be restricted to avoid exceeding the local groundwater table, and no mining will take place in areas with a slope greater than 45°.

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

15	The height of any bench shall not exceed five meters and breadth shall not be less than the height.	The height of each bench will be maintained at a maximum of five meters, with the breadth not less than the height, as per the EC conditions.
16	The Project proponent shall ensure that no perennial or intermittent natural water course and/or water resources are obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.	It will be ensured that no perennial or intermittent natural watercourses or water resources are obstructed by mining operations. Necessary safeguards will be implemented to protect any first-order streams originating from the lease area.
17	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.	A minimum buffer distance, as per existing rules, statutory orders, and SEIAA/SEAC recommendations, will be maintained from the quarry boundary to the nearest dwelling, forest, ecologically sensitive, or archaeologically important areas.
18	The 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.	Plantation of seedlings, at least five times the number of trees cleared, will be undertaken with preference for endemic, native, and fruit-bearing species. Avenue plantations along approach roads, internal roads, and buffer areas will be developed and maintained as per SEAC recommendations.

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

19	The proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad leaved plants.	The vegetation in the buffer areas will be retained, maintained, and strengthened through the addition of native broad-leaved plant species.
20	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.	Agreed.
21	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.	Noted.
22	Control measures on noise and vibration prescribed by KSPCB should be implemented. Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.	Control measures for noise and ground vibrations are being followed in accordance with KSPCB regulations. Quarry activities are limited to daytime hours only. Noise monitoring has been conducted as per the guidelines, with monitoring photographs attached as Annexure 8 and the report attached as Annexure 9 .

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

23	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.	As mining operations have not yet started, vibration monitoring due to blasting on nearby houses and structures will be initiated once mining commences, and the results will be documented in the upcoming Half-Yearly Compliance Reports.
24	Speed of trucks entering or leaving the mine site is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.	The speed of trucks entering and leaving the mine site will be limited to a moderate 25 kmph to minimize noise from empty trucks.
25	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.	Not applicable, as no crusher is being used at the project site.
26	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	Blasting will be carried out in a controlled manner using the NONEL technique, supervised by a licensed person as per the regulations of the Petroleum and Explosives Safety Organization (GOI) or other authorized agencies.
27	Measures should be taken for maintaining noise levels below 85 dBA in the work environment.	Measures are being implemented to ensure noise levels in the work environment remain below 85 dBA. Current noise levels at the site have been monitored and recorded, with monitoring photographs and reports attached as Annexure 8 and Annexure 9 , respectively.

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

28	Project proponent should obtain necessary prior permission of the competent authorities for drawing requisite quantity of surface water and ground water for the project.	Necessary permissions from the competent authorities for drawing the required quantity of surface water and groundwater for the project will be obtained before commencing mining operations.
29	Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly compliance reports to SEIAA.	Regular monitoring of groundwater quality will be carried out, and the latest water monitoring report is attached as Annexure 09 .
30	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.	Catch drains and siltation ponds of appropriate size will be constructed around the mine working area, mineral and overburden (OB) dumps to prevent runoff and the flow of sediments into nearby rivers or water bodies. The collected water will be utilized for watering the mine area, haul roads, and for green belt development. The drains will be regularly desilted and properly maintained, especially after the monsoon season.
31	Regular monitoring of ground water level and quality shall be carried out around the mine area during mining operation. If any stage, if it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures Shall be carried out.	Catch drains and siltation ponds of appropriate size will be constructed around the mine working, mineral, and overburden dumps to prevent runoff and sediment flow into nearby rivers and water bodies. The collected water will be utilized for watering the mine area, roads, and green belt development. The drains will be regularly desilted and properly maintained, particularly after the monsoon season.

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

32	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.	Garland drains and silt traps will be provided on the slopes around the core area to channelize stormwater. De-silting of the garland drains and silt traps will be attended to on a daily basis, with a dedicated laborer assigned for this purpose. The quality of the discharging stormwater will be ensured as per the General Effluent Discharge Standards of CPCB.
33	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.	In case of any change in the scope, extent, quantity, or mining technology affecting environmental parameters, necessary approval will be sought from the Authority as per existing norms. Similarly, approval will be obtained from the Authority in the event of any transfer of the Environmental Clearance.
34	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Noted.

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

35	<p>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 area shall be backfilled.</p>	<p>Topsoil will be stored for reclamation, and overburden will be dumped at designated sites with proper slope, stabilization, and vegetation. Protective walls/gabions will construct, and the excavated area will be backfilled.</p>
36	<p>All the mining equipment used in Mining 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.</p>	<p>All mining equipment, including backhoe loaders and excavators, will be regularly serviced and maintained to ensure efficient operation and minimize pollution. Spent oil from diesel engines will be disposed of as per the applicable rules and regulations.</p>
37	<p>All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution checking centre. Washing of all vehicles shall be inside the lease area.</p>	<p>All vehicles used for transportation and within the mine will have valid 'PUC' certificates from authorized pollution checking centers, and vehicle washing will be carried out within the lease area.</p>

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

38	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 PM ₁₀ and PM _{2.5} . 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.	Effective safeguard measures, including regular water sprinkling, will be carried out in critical areas prone to air pollution such as haul roads, loading/unloading points, and transfer points to control PM ₁₀ and PM _{2.5} levels. Ambient air quality monitoring has been carried out, and the photographs are attached as Annexure-08 , while the monitoring reports are attached as Annexure-09 .
39	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.	Measures to control fugitive dust emissions from all sources will be implemented regularly. Water spraying arrangements at the project site, parking areas, haul roads, loading/unloading points, and transport points have been provided and will be properly maintained.
40	Corporate Environmental Responsibilities (CER) as prescribed by SEIAA/SEAC should be carried out leading to Environmental stability of the Project region. The activities carried out under CER should be a part of the half yearly compliance report. 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.	Corporate Environmental Responsibility (CER) activities, as prescribed by SEIAA/SEAC, will be carried out to ensure environmental stability in the project region.

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

41	The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying /mining operations. The workers on the site should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.	The project will comply with all applicable labour laws related to quarrying/mining operations. Workers on site will be provided with suitable on-site accommodation or boarding facilities, along with necessary personal protective equipment (PPE) such as helmets, ear muffs, and other safety gear.
42	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.	Insurance protection has been provided to all workers engaged in the project.
43	Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. The report of health surveillance programme should be included in the half yearly compliance reports.	An Occupational Health Surveillance Program will be undertaken periodically for all workers engaged in the project.
44	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.
45	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.	Not applicable.

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

46	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 proponent.	Noted.
47	In case of transfer of EC the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.	Agreed.
48	The proponent shall submit Half Yearly Compliance Reports (1 st of June & 1 st of December) on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e- mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall be simultaneously sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA). The proponent has to submit Environmental statement in form V of Environment (Protection) Rules 1986 to SPCB on 31 st March every year.	Half Yearly Compliance Reports shall be submitted as per the stipulated EC conditions. The status of compliance with the stipulated EC conditions, along with monitored environmental data, has been uploaded to the official website(http://granistonequarry.com).
49	The project authorities should extend full cooperation to the officer (s) from the Regional Office of MOEF & CC located at Bangalore/SEAC/SPCB/CPCB/dept of Mining and Geology, while monitoring compliance of the stipulated conditions, by furnishing the requisite data/information/monitoring reports.	The project authorities will provide full cooperation to officers from the Regional Office of MoEF & CC, SEAC, SPCB, CPCB, and the Department of Mining & Geology by furnishing all requisite data, information, and monitoring reports for compliance verification.

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

50	The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.	Noted.
51	The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the Environment Clearance under the provisions of the Environment Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted.
52	The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.	Noted.
53	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.	Noted.
54	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.	Noted
55	Concealing the factual data or submission of the false /fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of environment (Protection) Act,1986.	Noted.

Compliance Report for the period of April 2025 – September 2025

Granite Building Stone Quarry Project of K. M. Stephen

56	The SEIAA may revoke or suspend the order, for non-implementation of any of the specific or any of the above conditions. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.	Noted
57	As per regulation no. 106(2) of metalliferous mines regulation under Mine act, the height of any bench shall not exceed six meters and breadth shall not be less than the Height.	The benches will be maintained properly once mining operations commence.

For ‘Granite Building Stone Quarry Project of K. M. Stephen’

Owner

NOTARIZED AFFIDAVIT



e-Stamp Serial Number : 202526000005001018

Verification Code : 850134223V

Govt. Reference No.(GRN) : KL031594724202526E
 Purpose : Bond
 Amount of Stamp Paper Purchased in Numeral : ₹ 200
 Amount of Stamp Paper Purchased in Words : Rupees Two Hundred
 Stamp Paper Purchased on : 28/10/2025 11:58:47
 First Party Name : K M Stephen
 First Party Address : Kaniyarukuzhiyil (H)Karimkunnam
 Second Party Name : Chairman
 Second Party Address : State Enviornment Impact Assessment Authority Keraia
 Vendor Code & Name : 10050359 - N SASIDHARAN NAIR
 Treasury Code & Name : 1005 - Sub Treasury, Thodupuzha

Please write or type below this line

Affidavit

I , **K.M. Stephen**, aged 63 years, S/o. Mani, Kaniyarukuzhiyil House, Karimkunnam P.O, Thodupuzha Taluk, Idukki District, Pin 685583, Kerala, India do hereby affirm and confirm as follows:-

1. That, I **K.M. Stephen** propose to develop a Quarry Project over an area of 4.9003 Hectares of Land comprised in Re.Sy Block No. 37,

Deponent : **K.M. Stephen**



GEORLY KURIAN
ADVOCATE & NOTARY



This can be verified by
https://www.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. **SASIDHARAN NAIR**
STAMP VENDOR THODUPUZHA

Scanned by Camera Scanner

Re. Survey Nos. 399/2, 399/2-1, 399/2-2, 399/2-3, 399/3, 745/2, 745/3, 745/4, 745/5, 745/7, 745/8, 745/9, 745/10, 745/11, 745/12, 745/13, 745/14, 746/1, 746/2, 746/2-1 of Karimannoor Village, Karimannoor Panchayath, Thodupuzha Taluk, Idukki District, Kerala State.

- 2. That I will constitute an environment monitoring cell for our project.
- 3. That, I will provide system to minimize dust emissions.
- 4. That, I will provide adequate safety measures for the quarry workers during the mining operations.
- 5. That, I will upload the following in our website
 - a) EC order.
 - b) Status of compliance of the stipulated EC conditions.
 - c) Result of monitoring data and update the same periodically.
 - d) Send the copy of the EC to the LSG concerned.

Deponent : K.M. Stephen

Verification

Verified that my above statements are true ot the best of my knowledge and belief and nothing material has been concealed therein.

Place : Thodupuzha

Date : 28/10/2025

I hereby affirmed and signed before me by the deponent on the day of 28 October 2025 at my office at Thodupuzha

28/10/2025



NOTARIAL REGISTER
Vol.No. VI Page No. 2/14
Sl. No. 2005

GEORLY KURIAN
ADVOCATE & NOTARY
Thodupuzha, Idukki Dt. Kerala, India
Roll No. K-491/1994 & Reg.No.4048
e-mail: advgeorlykuriian@gmail.com

MAGAZINE LICENSE

अनुज्ञप्ति प्रारूप एच 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 भी वर्ग 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/SC/KL/22/1664(E78186)

वार्षिक फीस रूपए (Annual Fee Rs) 2400/-

1. Licence is hereby granted to

K M Stephen (अधिभोगी / Occupier : K M Stephen) Kaipuzhakyamankuzhyil House, Karimkunnam P.O., Idukki, Town/Village - Karimkunnam, District-IDUKKI, State-Kerala, Pincode - 683586



को अनुज्ञप्ति अनुदान की जाती है।

2. अनुज्ञप्तिधारी की प्रकृति। Status of licensee: Individual

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमाम्य है।

possession for use of Nitrate Mixture, Safety Fuse, Detonators, - के उपयोग के लिए

Licence is valid only for the following purpose

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

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

क्र. सं. (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	100 Kg.
2	Safety Fuse	6, 1	0	2000 Mtrs
3	Detonators	6, 3	0	5000 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))

10 times as above.

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

रेखाचित्र सं. (Drawing No.) E/SC/KL/22/1664(E78186)

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

दिनांक (Dated) 03/05/2024

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

Survey No. 736/1A, ग्राम (Town/Village): Kallorkkad (v), Muzhappuzha Th

पुलिस थाना (Police Station): Kallorkkad

जिला (District)

ERNAKULAM

राज्य (State)

Kerala

पिनकोड (Pincode)

683586

दूरभाष (Phone)

ई-मेल (E-Mail)

फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्भूत हैं।

Two portable magazines of T-1268 & G-850 fabricated by M/A. Nobel Engineering Cochin (advised to surrender the old licence issued by local authority for the same premises ref A/2010/LE-3)

The licensed premises consist of following facilities.

8. अनुज्ञप्ति सम्य - समय पर गणसंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपबंधों के अधीन रहते हुए अनुदान 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 से 5 में गण संशोधित रेखाचित्र (स्थान, संश्रमांश 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 शर्तों और अतिरिक्ति शर्तों।

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

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

9. यह अनुज्ञप्ति तारीख 31 मार्च 2018 तक विधिमाम्य रहेगी। This licence shall remain valid till 31st day of March 2018.

यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपर्युक्त इस अनुज्ञप्ति की शर्तों का अधिकतम करने या यदि अनुज्ञप्त परिसर जोड़ना या उससे संबंधित उपबंध में दक्षिण विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिबंधित 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 - 04/03/2014

संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of Explosives
South Circle, Chennai

Amendments :

- Amendment in Drawings/Facilities/Premises dated : 24/01/2018
- Amendment in Drawings/Facilities/Premises dated : 03/05/2024

नवीनीकरण के पत्र/कन के लिए स्थान
Space for Endorsement of Renewal

नवीनीकरण की तारीख Date of Renewal	समप्ति की तारीख Date of Expiry	अनुज्ञप्त प्राधिकारी के हस्ताक्षर और स्टाम्प Signature of licensing authority and stamp
15/03/2024	31/03/2028	Sd/- Dy. Chief Controller of Explosives, Ernakulam

कानूनी चेतावनी : विस्फोटकों को गलत ढंग से चलाने या उनका दुरुपयोग विधि के अधीन गंभीर दंडित 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.

Digitally signed by Dr T L. THANULINGAM
Reason: Licence No. E/SC/KL/22/1664
Location Chennai [E78186]
Date 03-05-2024 14:49:10 PM

(सेट VIII) Set VIII

मैगजीन में वर्ग 1,2,3,4,5,6, और 7 के विस्फोटकों को बिक्री या प्रयोग हेतु रखने के लिए प्ररूप एन ई. 3 (अनुच्छेद 3 (ख) से (ग)) में मुख्य विस्फोटक निबंधक या विस्फोटक निबंधक द्वारा प्रदान किए जाने वाले अनुज्ञापि सं. E/SC/KL/22/1664(E78186) की शर्तों निम्नलिखित हैं।
The following are the conditions of licence number E/SC/KL/22/1664(E78186) 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 अनुज्ञापि के त्पबंध 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 अनुज्ञापि में विनिर्दिष्ट हैं, रखे जाने के लिए और ऐसे रखे जाने से संबन्ध आधान या ओजार 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, बिन्हे 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 पृथक् 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-
(a) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रभाग प्रभाग के अंतर्गत आने वाले सुरक्षा पल्लो और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेरक पल्लो, किन्हे कोई सूता लोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थान के रखे जा सकते हैं।
(b) वर्ग 6 प्रभाग 3 के अंतर्गत आनेवाले विस्फोटक प्रेरक अलग रखे जाएंगे।
(c) 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 detminating 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 निबंधक ने इसके लिए विशेष मंजूरी दे दी हो।
(i) जब ऐसी मंजूरी दे दी गई हो तो प्रत्येक परीक्षण पर किसी विस्फोटक निबंधक से ऐसा लिखित प्रमाणपत्र अधिप्राप्त कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आनेवाली अवधि दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुज्ञापिधारी अपने पास रखेण और मांग की जाने पर प्रस्तुत करेण।
(ii) जब कोई विस्फोटक मानक शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो ग्लैसरीन या द्रव नाइट्रो योगिक के निकल जाने के बिन्हे 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 करेण जो मुख्य निबंधक या विस्फोटक निबंधक 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 बेंचे, शेल्फो और फिटिंग फिटिंग का इस प्रकार सज्जिया 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 बेंचे, शेल्फो और फिटिंग यथासाध्य थ्रिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सम्यक सावधानी बतली जाएगी कि वहां कोई जल मौजूद न रहे - परंतु किसी लोहे या इस्पात के झुले होने के विरुद्ध सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बांधकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रयोग 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 therefrom.
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 तटित चालक का परीक्षण विस्फोटक निबंधक करता है तो अनुज्ञापिधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेण यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञापिधारी द्वारा पञ्चवर्ती प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तटित चालक को समाधानप्रद घोषित नहीं कर देता परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के लिए मर सभी परीक्षणों के लिए प्रभर्ण होगा।
परंतु यह और कि यदि दो या अधिक तटित चालक एक ही मैगजीन से संबन्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तटित 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 तटित कार्यकरण वस्तु , उपयुक्त जूतों के प्रयोग द्वारा तथा तलवाही रोकर या अन्धरा अथवा ऐसे किसी साधनी द्वारा इस बाबत सम्यक त्पबंध किया जाएगा कि फेक्ट्री परिसर में अग्नि, दियासलाई अथवा ऐसी कोई वस्तुएँ 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 6th Division of the 6th (Ammunition) Class is kept.

11. अनुज्ञापितधारियों प्ररूप अर ई-3 और अर ई-4 या अर ई-5, जेसो स्थिति हा, न सभा विस्फोटकों का अभिलेख और लेखा रखण और विस्फोटक नियम, 2008 क अधिन प्राणिकृत किंसी भी अधिकारी के समक्ष उसके बदरा ऐसा करने की मांग की जाने पर स्टॉक पुस्तक और अभिलेख प्रस्तुत करेगा। स्टॉक पुस्तक विहित प्रौद्योगिकी 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 officers may call upon him to do so. The stock books in the prescribed proforma shall be page numbered.
12. परिवर्तनों में कोई परिवर्तन या तबदीली अनुज्ञापन प्राधिकारी के पूर्वसमीक्षा बिना नहीं की जाएगी और अनुज्ञापितधारी ऐसी किंसी शर्त का अनुपालन करेगा जो इस विहित अनुज्ञापन प्राधिकारी विनिर्दिष्ट करे।
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 किंसी 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-rule (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 शतृह 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 निष्कृत हुआ अथवा अनुपयोगी जया 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 पैकेटों की हालत की जांच करने और प्रत्येक पैकेट की विनिर्माण विविधियों 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.
तलित चालकों की भूमि के लिए प्रतिरोध यथासंभव न्यूनतम होगा और किंसी भी दशा में 10 ओहम 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. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुल्क घास या झंझरी या जलनशील 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. किंसी मैगजीन / भण्डारगृह में किंसी 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 पैकेटों को खींचावशील 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 कर्मचारीयों को परिसर के भीतर अपातकाल 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 अनुज्ञापित परिसर में अक्षा 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 निबंधक अनुज्ञापितधारक को अनुज्ञापित परिसर या मशीनरी, दूत या उपकरण में ऐसी कोई मरम्मत या परिवर्तन या परिवर्तन करने या सिफारिशों को लागू करने को सिफारिश रूप में सुचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञापितधारक 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 license 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 अनुज्ञापित फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / अतिरिक्तधारी या सुरक्षा पत्तियों 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 अतिरिक्तधारीयों पटाखों की बिक्री और रखने के लिए -
(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डीबी (ए) या 145 डीबी (सी) में के प्रतिबंधित होंगे;
(ख) झुंझला (बड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 टॉन (एन) 10 (एन) डीबी, (सी) पी के प्रतिबंधित होंगे;
The possession and sale of fire-crackers generating noise level exceeding:
a) 125 dB(A) 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 बदरा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत घास 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 अतिरिक्तधारीयों को न खरीदे, न रखे और न ही उसकी बिक्री करेगा। The licensee shall not exhibit, possess and sell fireworks of foreign origin.

कृते संयुक्त मुख्य विस्फोटक निबंधक
For Joint Chief Controller of Explosives
दक्षिणोत्तर, चेंनै (South Circle, Chennai)

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

Digitally signed by Dr T L THANULINGAM
Reason: Licence No. : E/SC/NL/22/1664
Location Chennai (E78186)
Date 03-05-2024 14:48:26 PM

CONSENT TO OPERATE FROM KSPCB

FILE NO : KSPCB/ID/ICO/10057648/2024

Date of issue : 11-09-2024



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. : 10057648

Dated : 04-09-2024

To

**GRANITE BUILDING STONE QUARRY PROJECT OF SRI. K.M. STEPHEN
KANIYARKUZHYIL, KARIMKUNNAM P.O.- 685586 SITE AT:VILLAGE-
KARIMANNUR, TALUK-THODUPUZHA, KARIMANNUR P.O- 685581**

Consent No. : KSPCB/ID/ICO/10057648/2024

Valid Upto : 31-12-2028

I. 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	31-12-2028
2	Name and Address of the establishment	GRANITE BUILDING STONE QUARRY PROJECT OF SRI. K.M. STEPHEN KANIYARKUZHYIL, KARIMKUNNAM P.O.- 685586 SITE AT:VILLAGE-KARIMANNUR, TALUK-THODUPUZHA, KARIMANNUR P.O- 685581 E-Mail : paulkuzhippillil@gmail.com Contact Number : 9447195515
3	Occupier Details	K.M. STEPHEN KANIYARKUZHIYIL, KARIMKUNNAM P.O. - 685586. E-Mail : paulkuzhippillil@gmail.com Contact Number :
4	Local Body	KARIMANNUR PANCHAYATH
5	Survey Number	399/2,399/2-1,399/2-2,399/2-3,399/3,745/2,745/3,745/4,745/5,745/7,745/8,745/9,745 /10,745/11,745/12,745/13,745/14,746/1,746/2,746/2-1
6	Village	Karimannoor
7	Taluk	Thodupuzha
8	District	IDUKKI
9	Capital Investment(Rs in Lakhs)	605.65
10	Scale	Medium
11	Category	RED
12	Annual fee(Rs)	55000.0
	Total Fee remitted(Rs)	357500.0
13	Activity	BLACK STONE / ANNUM-151860.0 Metric Tonnes

14	Machinery details	Tractor Compressor - 120 HP Box Compressor- 150 HP Excavator with Breaker - 175 HP Excavator with loader- 175 HP TOTAL 620 HP
----	-------------------	---

SPECIFIC CONDITIONS

2.CONDITIONS AS PER

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

2.1 Sewage / waste water with only organic contaminant if any, generated in the unit, shall be discharged through scientifically designed septic tank and soak pit system as per the follows IS code.

i. Septic tank as per IS 2470 (Part 1): 1985.

ii. Soak pit with sealed bottom, honey comb side wall 65 cm thick 2 mm sand all around.

2.2 Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1) (g) of the Water Act shall also be provided.

2.3 Mode of disposal of treated effluent: Soak pit

2.4 Water consumption: 3000 LPD for domestic ,6000 LPD for process and 11000 LPD for others.

2.5 Effluent generation: 3.0 KLD

3.CONDITIONS AS PER

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

3.1 Adequate air pollution control measures shall be operational at all times during the functioning of the industry. Additional facilities required, if any, to achieve the standards laid down by the Board shall also be made along with.

4.CONDITIONS AS PER

The Environment (Protection) Act, 1986.

4.1 The operation of the industry shall be strictly in compliance with the provisions of the Noise Pollution (Regulation and Control) Rules 2000.

4.2 Battery waste if any shall be disposed of as per the Batteries Waste Management Rules, 2022.

4.3 Hazardous waste generated, if any, shall be handled as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

4.4 E-waste shall be disposed off safely as per the E-Waste (Management) Rules, 2022

GENERAL CONDITIONS

5.1 This Consent is issued based on the Judgement dated 25-10-21 of the Hon'ble Supreme Court of India in CA no. 6273 of 2021 and connected matters, order dated 14-12-2021 of the Hon'ble Supreme Court in MA no. 1904 of 2021, Judgement dated 10-11-2021 of the Hon'ble High Court of Kerala in WP(C) 2773 of 2021, Judgement dated 10-12-2021 of the Hon'ble High Court of Kerala in WP(C) 27178 of 2021, final verdict of Hon'ble High Court in WP(C) no 36171 of 2022, WP(C) no 20030 of 2023 filed by Sri. Vincent K. George, WP(C) no 26634 of 2023 filed by Sri. K.M. Stephen

5.2 This Consent is issued subject to any order passed by the Hon'ble Supreme Court, Hon'ble High Court of Kerala and Hon'ble National Green Tribunal in connected matters.

5.3 This consent is issued based on the information furnished in the application, affidavit and other particulars produced by the applicant, and is liable to be revoked if the information is found to be false at any stage.

5.4 Quarrying shall be done only within the area marked in the approved location plan attached. No change, deviation or alteration that may affect the environment, extent and location of quarry shall be made. Any change in particulars furnished in the application/the identity of the occupier/ authorized agent is to be intimated to the Board forthwith.

5.5 A minimum distance of 50 m shall be kept from the boundary of quarry area to residential buildings, places of worship, public buildings, public road having vehicular traffic, river or lake, railway line and bridges.

5.6. The applicant shall put up sign boards near the main entrance of the plant to display consent number & validity.

5.7. Suitable species of trees and curtain plants shall be planted and maintained within and along the periphery of the premises, forming a green belt to improve the environment.

- 5.8.Fencing shall be provided around the boundary of quarry and shall be maintained properly.
- 5.9. After completion of excavation at any site, the abandoned quarry shall be utilized for rain water harvesting with protective barriers/ any other suitable approved purpose or may be reclaimed as per specification.
- 5.10.Quarrying activity shall not be carried out during night hours.
- 5.11. PM₁₀ in ambient air at the boundary of quarry shall not exceed 100 micrograms per cubic meter and PM_{2.5} in ambient air at the boundary shall not exceed 60 micrograms per cubic meter .
- 5.12.The Sound level (Leq) at 1m outside the boundary of the site shall not exceed the ambient noise standards applicable to the adjoining areas.
- 5.13. The consent issued from the Board shall be valid only for a period when all other statutory or necessary clearances from other concerned authorities are valid.
- 5.14. The applicant shall comply with the instructions that the Board may issue from time to time regarding the prevention and control of Air, Water, Land and Sound Pollution.
- 5.15. Regular wetting of the roads in the premises of the quarry and approach roads near the quarry shall be done for avoiding excessive dust emission within and outside the boundary of the unit.
- 5.16.Products shall be transported with proper cover and/or after wetting to prevent spreading of dust.
- 5.17.Once the lease/permit from the mining and geology is obtained, copy of the same shall be submitted to the office.
- 5.18. This consent is granted subjected 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 Act 1981 and Section 27 of Water Act 1974.
- 5.19 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 2 months prior to the date of expiry. Late application will be accepted only with fine.
- 5.20 No change or alteration of the unit is to be made without the prior permission of the Board.Any change in the particulars furnished in the references or in the identity of the occupier / authorised agent is to be intimated to the Board forthwith.
- 5.21 The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water and sound pollution.
- 5.22 . This consent is granted based on the Environmental clearance issued from SEIAA vide No.08/Q/2024 dated 22.01.2024 for 4.9003 Ha in survey no 399/2,399/2-1,399/2-2,399/2-3,399/3,745/2,745/3,745/4,745/5,745/7,745/8,745/9,745/10,745/11,745/12,745/13,745/14,746/1,746/2 and 746/2-1.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
- 5.24 The consent issued from the board is only with respect to the powers vested under the Water (Prevention & Control of Pollution) Act 1974, Air (Prevention & Control of Pollution) Act 1981 and Environment Protection Act, 1986 and The Rules there under. The operation of the quarry shall be commenced only after obtaining clearances from all concerned Authorities.
- 5.25 There shall not be any quarrying activity between 6 pm to 6 am.
- 5.26 Mining activities shall be done only in the area marked by Mining & Geology.
- 5.27. Conditions given in the Environmental clearance shall be strictly complied with.
- 5.28. Mining shall be only done as per the approved mining plan as per conditions in the EC.
- 5.29. Garland drain, silt trap etc shall be provided so that there shall not be discharge of silt containing water from the premises of the unit.

Digitally signed by RESHMA RAJENDRAN
Date: 2024.09.11 14:44:11 IST

SIGNATURE OF ISSUING AUTHORITY

ENVIRONMENTAL ENGINEER



To

M/s GRANITE BUILDING STONE QUARRY PROJECT OF SRI. K.M. STEPHEN
KANIYARKUZHYIL, KARIMKUNNAM P.O.- 685586 SITE AT:VILLAGE-KARIMANNUR, TALUK-
THODUPUZHA, KARIMANNUR P.O- 685581

E-Mail : paulkuzhippiffil@gmail.com

Contact Number : 9447195515

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.

PANCHAYATH LICENSE



കരിമണ്ണൂർ ഗ്രാമപഞ്ചായത്തിൽ നിന്നും
 1994ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകളും
 അതേ തുടർനടപടികളും അനുസരിച്ച്
 ഹാജൂരികൾ, വ്യാപാരങ്ങൾ, സംരംഭങ്ങൾ, ജു സെവനങ്ങൾ എന്നിവയ്ക്കായി തൽക്കന
ലൈസൻസ്

നമ്പർ : JC1-4118/2024/190

തീയതി : 09.10.2024

ലൈസൻസിന്റേതായ പേരും വാർഡ്/വിലാസവും	K.M STEPHEN, S/O MANI KANIYARKUZHYYIL ,KARIMKUNNAM P.O IDUKKI -THODUPUZZHA PIN 685586 -9447195515	
സ്ഥാപനത്തിന്റെ പേരും സ്വഭാവവും	GRANITE BUILDING STONE QUARRY PROJECT OF SHRI.K.M STEPHEN	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	കരിൽ മനനം ചെയ്ത് വിൽപന നടത്തുന്നതിന് (കരിൽ ഖനി നടത്തുന്നതിന്)	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	ward -10,survey no,399/2,399/2-1,399/2-2,399/2-3,399/3,745/2,745/3,745/4,745/5,745/7,745/8,745/9,745/10,745/11,745/12,745/13,745/14,746/1,746/2,746/2-1 karimannoor village	
ലൈസൻസ് കാലാവധി	09-10-2024 മുതൽ 31/3/2028 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	₹40000	സെീ് നം: 1240102354 തീയതി: 09-10-2024
തൊഴിൽക്കരം	₹5000 + ₹5000	സെീ് നം: 1240102354 തീയതി: 09-10-2024
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരീക്ഷണപത്രങ്ങളുടെ വിവരങ്ങൾ (നമ്പർ, തീയതി, കാലാവധി, നൽകിയ അധികാരങ്ങൾ)	1)kerala state pollution control board consent to operative certificate no KSPCB/ID/ICO/10057648/24 dtd 11/9/24 validity 31/12/2028,(2)Explosive license no E/SC/KL/22/1664(E78186) validity 31/3/2028, (3) Environmental clearance NO 8/Q/2024 proposal No SIA/KL/MIN/405925/2022, File No 1527/EC1/2019/SEIAA STATE LEVEL ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY, KERALA THIRUVANATHAPURAM.	



AUGUSTINE V.A
 Secretary
 Karimannoor Gramapanchayat
 Karimannoor P.O., Idukki Dist.
 PH:04862-262221, 9496045065

NEWSPAPER REPORTS



BOUNDARY PILLARS



MAGAZINE



WQ2M+RMM, Thekkinkoottam - Cheradi Rd, Ezhaniikkottam, Karimannoor, Pannoor, Kerala 685588, India 🇮🇳

Latitude
9.90144432°

Longitude
76.78332259°






Local 01:49:33 PM
GMT 08:19:33 AM

Altitude 102 meters
Wednesday, 24.09.2025

MONITORING PHOTOGRAPHS



MONITORING REPORTS

 		GLOBAL ENVIRONMENT & MINING SERVICES LLP (Consulting Engineers, Mine designers, Geologist & Surveyors) 3 rd Main Road, Basaveswara Badavane, HOSPETE - 583201 , Dist., Vijayanagara (Karnataka) Ph : +918394 355369 e-mail : gems_hp@yahoo.com Website : www.globalmining.in										
		GEMS-LD/TF/11/01 Report Issue Date: 22.09.2025										
ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA												
Name of the Industry		Granite Building Stone Quarry of Shri. K. M. Stephen, Extent: 4.9003 Ha. : Re- Sy Block : 37, Re-Sy Nos. 399/2, 399/2-1, 399/2-2, 399/2-3, 399/3, 745/2, 745/3, 745/4, 745/5, 745/7, 745/8, 745/9, 745/10, 745/11, 745/12, 745/13, 745/14, 746/1, 746/2 & 746/2-1, Karimannur Village, Thodupuzha Taluk, Idukki District, Kerala State.										
Sample Type		: Ambient Air Quality Monitoring										
Particulars of Sample Collected		: Respirable Dust Sampler, FPS Sampler & CO Analyzer										
Month		: September - 2025										
Location		: Core zone area										
Monitoring station code		: A1										
Duration of Monitoring		: 24 Hour										
Report Number		: ULR-TC161802500001062F										
RESULTS												
Parameters			PM ₁₀ [µg/m ³]	PM _{2.5} [µg/m ³]	SO ₂ [µg/m ³]	NO ₂ [µg/m ³]	CO (1 Hour) (mg/ m ³)					
Reference method			IS: 5182:2006 (Part 23) (RF- 2017)	IS: 5182 (Part 24): 2019	IS: 5182: 2001 (Part 2) (RF 2017)	IS: 5182: (Part 6) 2006 (RF 2017)	IS: 5182: (Part 10) 1999 (RF 2006)					
Date of Sampling	Date of sample received	Sample code	Result	STD	Result	STD	Result	STD	Result	STD	Result	STD
16.09.2025	18.09.2025	417	38.5	100	15.3	60	2.9	80	4.0	80	ND	4.0
Note: CO - GEMS/SOP/86/as per CO analyzer Manual (1 hour) ND - Not Detected (~0.001)												
INFERENCE		As per NAAQMS Standards 2009, Report Status: - Measured Values for the above parameters are within the limit.										
 Analyzed By Anusha M Chemist		 Authorized Signatory K. Ramakrishna Roddy Technical Manager										
												
Note: 1. The result listed refers only to the tested samples & applicable parameters. Endorsement of products is neither intended nor implied. 2. Waxes Samples will be destroyed after 15Days, Miscrals 1 Month, Filter papers & Thinbles after analysis is over. 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the Court of law & should not use any self-serving media without special permission in writing. 4. Total liability of our laboratory is limited to the Terms stated. Any dispute arising out of this report is subject to Dispute-resolution only. 5. Recognized by Ministry of Environment, Forest and Climate Change for Laboratory 6. Recognized by Government of Karnataka, Maharashtra, Goa for DQPS survey												

**GLOBAL ENVIRONMENT & MINING SERVICES LLP**

(Consulting Engineers, Mine designers, Geologist & Surveyors)

3rd Main Road, Basaveswara Badavane,**HOSPETE - 583201**, Dist., Vijayanagara (Karnataka)

Ph : +918394 355369

e-mail : gems_hpt@yahoo.com

Website : www.globalmining.in

GEMS-LD/TF/11/01

Report Issue Date: 22.09.2025

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : Granite Building Stone Quarry of
Shri, K. M. Stephen,
Extent: 4.9003 Ha.
: Re- Sy Block : 37, Re-Sy Nos. 399/2, 399/2-1, 399/2-2, 399/2-3,
399/3, 745/2, 745/3, 745/4, 745/5, 745/7, 745/8, 745/9, 745/10,
745/11, 745/12, 745/13, 745/14, 746/1, 746/2 & 746/2-1,
Karimannur Village, Thodupuzha Taluk,
Idukki District, Kerala State.

Sample Type : Ambient Air Quality Monitoring

Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler & CO Analyzer

Month : **September - 2025**

Location : **Karimannur**

Monitoring station code : **A2**

Duration of Monitoring : 24 Hour

Report Number : ULR-TC161802500001063F

RESULTS

Parameters			PM ₁₀ [µg/m ³]		PM _{2.5} [µg/m ³]		SO ₂ [µg/m ³]		NO ₂ [µg/m ³]		CO (1 Hour) (mg/m ³)	
Reference method			IS: 5182:2006 (Part 23) (RF- 2017)		IS: 5182 (Part 24): 2019		IS: 5182: 2001 (Part 2) (RF 2017)		IS: 5182: (Part 6) 2006 (RF 2017)		IS: 5182: (Part 10) 1999 (RF 2006)	
Date of Sampling	Date of sample received	Sample code	Result	STD	Result	STD	Result	STD	Result	STD	Result	STD
17.09.2025	18.09.2025	418	43.5	100	18.7	60	5.8	80	8.2	80	ND	4.0

Note:

CO - GEMS/SOP/86/as per CO analyzer Manual (1 hour)

ND - Not Detected (<0.001)

INFERENCE	As per NAAQMS Standards 2009, Report Status: - Measured Values for the above parameters are within the limit.
-----------	--

Analyzed By
Anusha M
ChemistAuthorized Signatory
K. Ramakrishna Reddy
Technical Manager

Note:

- The study listed refers only to the stated samples & applicable parameters. Involvement of products is neither inferred nor implied.
- Water Samples will be destroyed after 15 Days, Minerals 3 Months, Filter papers & Tins after analysis Discard.
- This report is not to be reproduced wholly or in part & cannot be used as evidence in the Court of law & should not use any advertising media without special permission in writing.
- Total liability of our laboratory is limited to the Invoice amount. Any dispute arising out of this report is subject to Hospete jurisdiction only.
- Recognized by Ministry of Environment, Forest and Climate Change for Laboratory.
- Recognized by Government of Karnataka, Mahanagara, Govt for OGPS survey.



GLOBAL ENVIRONMENT & MINING SERVICES LLP

(Consulting Engineers, Mine designers, Geologist & Surveyors)

3rd Main Road, Basaveswara Badavane,

HOSPETE – 583201, Dist., Vijayanagara (Karnataka)

Ph : +918394 355369

e-mail : gems_hpt@yahoo.com

Website : www.globalmining.in

GEMS-LD/TF/00/01
Report Issue Date: 22.09.2025

TEST REPORT OF AMBIENT NOISE LEVEL DATA

- 1 Name of the Industry : Granite Building Stone Quarry of Shri. K. M. Stephen, Extent: 4.9003 Ha. Re- Sy Block : 37, Re-Sy Nos. 399/2, 399/2-1, 399/2-2, 399/2-3, 399/3, 745/2, 745/3, 745/4, 745/5, 745/7, 745/8, 745/9, 745/10, 745/11, 745/12, 745/13, 745/14, 746/1, 746/2 & 746/2-1, Karimannur Village, Thodupuzha Taluk, Idukki District, Kerala State.
- 2 Sample Description : Ambient Noise Level monitoring
- 3 Sample Collected By : GLOBAL Environment & Mining Services LLP.
- 4 Particulars of Sample Collected : Noise Level Meter (Lutron SL-4023SD)
- 5 Month : September - 2025
- 6 Duration of the Monitoring : 24 Hours Sampling
- 7 Report Number : ULR-TC161802500001064F

Result

Date	16.09.2025	17.09.2025
Area	Industrial	Residential
Name of the Location	Core zone	Karimannur
Sample code	558	559
Time (hrs)	N1	N2
6.00	43.2	46.5
7.00	48.7	54.7
8.00	49.0	58.6
9.00	50.3	57.8
10.00	51.6	56.5
11.00	47.3	53.0
12.00	48.2	52.5
13.00	46.1	51.9
14.00	45.9	52.6
15.00	50.2	50.6
16.00	49.3	55.3
17.00	44.8	57.9
18.00	43.5	58.1
19.00	43.1	50.4
20.00	40.8	47.3
21.00	39.9	44.8
22.00	39.3	42.1
23.00	38.0	39.3
00.00	37.1	38.2
01.00	36.5	36.3
02.00	38.4	37.0
03.00	37.2	38.6
04.00	39.1	39.4
05.00	40.7	41.5

Note:

- The result listed herein only to the tested samples & applicable parameters. Embrovement of products is neither defined nor implied.
- Water Samples will be destroyed after 15Days, Minerals 3 Months, Filter papers & Thinfiles after analysis Disposal.
- This report is not to be reproduced wholly or in part & cannot be used in evidence in the Court of law & should not use any advertising media without special permission in writing.
- Total liability of our laboratory is limited to the Invoice amount. Any dispute arising out of this report is subject to Bangalore jurisdiction only.
- Recognized by Ministry of Environment, Forest and Climate Change for Laboratory.
- Recognized by Government of Karnataka, Mahanagara, Goa for DGPS survey.





GLOBAL ENVIRONMENT & MINING SERVICES LLP

(Consulting Engineers, Mine designers, Geologist & Surveyors)

3rd Main Road, Basaveswara Badavane,

HOSPETE - 583201, Dist., Vijayanagara (Karnataka)

Ph : +918394 355369

e-mail : gems_hpt@yahoo.com

Website : www.globalmining.in

Name of the location	Core zone	Karimannur
L max	51.6	58.6
L min	36.5	36.3
L 10	37.44	38.32
L 50	43.35	50.5
L 90	49.93	57.87
Ld	47.73	54.95
Ln	39.34	41.07
Ldn	48.4	53.9
Leq	46.05	53.01

All Measured Values are in Db(A)

NOISE: (AMBIENT STANDARDS)

Area Code	Category of Area	Limit in dB(A) Leq	
		Day Time	Nighttime
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Area	50	40

Note	Day time shall mean from 6:00 am and 10:00 pm
	Night time shall mean from in between 10:00 pm and 6:00 am
	Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority
	Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.
	*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which relative to human being
	A "decibel" is a unit in which noise is measured
	"A", in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
Leq: It is energy mean of the noise level over a specified period.	

Authorized Signatory
K. Ramakrishna Roddy
Technical Manager



Note:

- The result listed refers only to the tested samples & applicable parameters. Endorsement of results is neither inferred nor implied.
- Waste Samples will be destroyed after 15 Days, Microbial Media, Filter papers & Swabs after analysis is over.
- This report is not to be reproduced wholly or in part & cannot be used as evidence in the Court of law & should not use any advertising media without special permission in writing.
- Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Dispute resolution only.
- Recognized by Ministry of Environment, Forest and Climate Change for Laboratory.
- Recognized by Government of Karnataka, Maharashtra, Goa for DGPS survey.



GLOBAL ENVIRONMENT & MINING SERVICES LLP

(Consulting Engineers, Mine designers, Geologist & Surveyors)

3rd Main Road, Basaveswara Badavane,

HOSPETE - 583201, Dist., Vijayanagara (Karnataka)

Ph : +918394 355369

e-mail : gems_hpt@yahoo.com

Website : www.globalmining.in

GEMS-LD/18/23/01
Report Issue Date: 22.09.2025

Analysis Report of Water Quality Data

1	Name of the Industry	Granite Building Stone Quarry of Shri. K. M. Stephen, Extent: 4.9003 Ha. Re- Sy Block : 37, Re-Sy Nos. 399/2, 399/2-1, 399/2-2, 399/2-3, 399/3, 745/2, 745/3, 745/4, 745/5, 745/7, 745/8, 745/9, 745/10, 745/11, 745/12, 745/13, 745/14, 746/1, 746/2 & 746/2-1, Karimannur Village, Thodupuzha Taluk, Idukki District, Kerala State.
2	Customer Reference	-
3	Sample Collected by	GLOBAL Environment & Mining Services LLP
4	Particulars of sample collected	Grab Sampling
5	Sampling procedure	GEMS-LD/SOP/32
6	Sample Type	Water Sample (Ground Water)
7	Date of sampling	16.09.2025
8	Sample Received	18.09.2025
9	Date of Analysis	20.09.2025
10	Report Number	ULR-TC161802500001065F

Results

Sl. No.	Parameters	Protocol	Unit	Results		Standard as per IS : 10500 : 2012	
				Sample Code	742	Desirable limits	Permissible limits
				GW	23.7		
1.	Temperature	Thermometer	°C		23.7	-	-
2.	pH	APHA 23 rd Edition 2017 4500 H+ B (Pg No. 4-95 to 4-99)	-		6.94	6.5-8.5	NR
3.	Conductivity	APHA 23 rd Edition 2017 2510 A (Pg No. 2-36 to 2-38)	µS/cm		286	-	-
4.	Total Dissolved Solids	APHA 23 rd Edition 2017 2540 C (Pg No. 2-69 to 2-70)	mg/L		133	500	2000
5.	Turbidity (NTU)	APHA 23 rd Edition 2017 2130 H (Pg No. 2-13 to 2-15)	NTU		0.1	1	5
6.	Phosphorus P	APHA-23 rd Edition 2017 4500-D (Pg No. 4-163 to 4-164)	mg/L		<0.01	-	-
7.	Sodium as Na	APHA 23 rd Edition 2017 Na 3500 H (Pg No. 3-99 to 3-100)	mg/L		18.9	-	-
8.	Potassium as K	APHA 23 rd Edition 2017 K 3500 B (Pg No. 3-89 to 3-90)	mg/L		0.65	-	-
9.	Calcium as Ca	APHA 23 rd Edition 2017 3500 Ca B (Pg No. 3-69 to 3-70)	mg/L		37.5	75	200
10.	Magnesium as Mg	APHA 23 rd Edition 2017 3500 H Mg By calculation (Pg No. 3-86)	mg/L		8.5	30	100
11.	Total Hardness as CaCO ₃	APHA 23 rd Edition 2017 2340 C (Pg No. 2-48 to 2-50)	mg/L		81	200	600
12.	Chloride as Cl	APHA 23 rd Edition 2017 4500 Cl- (Pg No. 4-75 to 4-76)	mg/L		22.6	250	1000
13.	Sulphate as SO ₄	APHA 23 rd Edition 2017 4500 -SO ₄ ²⁻ (Pg No. 4-199 to 4-200)	mg/L		<1.0	200	400
14.	Fluoride as F	APHA 23 rd Edition 2017 4500 F-D (Pg No. 4-90 to 4-91)	mg/L		0.2	1.0	1.5
15.	Nitrate Nitrogen as NO ₃	APHA 23 rd Edition - 4500 NO ₃ - E (Pg No. 4-131 to 4-132)	mg/L		<1.0	45	NR
16.	Total Alkalinity as CaCO ₃	APHA 23 rd Edition 2017 2320 H (Pg No. 2-37 to 2-39)	mg/L		56.6	200	600

Note:

1. The result listed refers only to the stated samples & applicable parameters. Endorsement of products is neither implied nor implied.
2. Water Samples will be destroyed after 15 Days, Minerals 3 Months, Filter papers & Disposables after analysis Disposed.
3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the Court of law & should contain any advertising media without special permission in writing.
4. Total liability of our laboratory is limited to the Invoice amount. Any dispute arising out of this report is subject to Dispute jurisdiction only.
5. Recognized by Ministry of Environment, Forest and Climate Change, the Laboratory.
6. Recognized by Government of Karnataka, Mahanagara, Govt for DQPS survey.



