

# **HALF YEARLY COMPLIANCE REPORT FOR**

## **GRANITE STONE QUARRY**

**File No. 1773/EC6/2020/SEIAA Dated 23/08/2022**

**Building Stone Quarry Project of  
Sri. Mithun  
Managing Director,  
M/s. Vezhakkode Granites Pvt Ltd**

**Situated At  
Sy. No. 161/2, 161/3, 161/4, 145/1  
In  
Urangattiri Village,  
Ernad Taluk,  
Malappuram District,  
Kerala.**

**October 2023 – March 2024**

**Prepared By  
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Planet Resources Management Experts  
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To,

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

Respected Sir,

Sub: Half Yearly Compliance Report of Granite Stone Mine Project- October 2023 – March 2024.

Ref: File No. 1773/EC6/2020/SEIAA Dated 23/08/2022

With reference to the above we are submitting Half Yearly Compliance report for the EC order, mentioned above. Also enclosed here, copy of consent to Establish from Kerala SPCB, and Compliance Monitoring report of the last season.

Mr. Mithun

Place: Malappuram

Date: 30/04/2024

(Authorized Signatory)

**Copy to,**

**Member secretary / Chairman**

**SEIAA Kerala**

**KSRTC Complex, Thampanoor**

**Thiruvananthapuram, Kerala**

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## **1.INTRODUCTION**

The Building Stone Quarry Project situated at Sy No; 161/2, 161/3, 161/4, 145/1 in Urangattiri Village, Ernad Taluk, Malappuram District, Kerala Building Stone Quarry project of Sri. Mithun was obtained with the Environmental Clearance (File No.1773/EC6/2020/SEIAA) by State Environmental Impact Assessment Authority on 23/08/2022 As part of general condition No.48 of Environmental Clearance order and EIA Notification the half yearly compliance report needs to be submitted by the project proponent.

This report contains the compliance of the conditions of Environmental Clearance for the period of October 2023 – March 2024.

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

**2. SPECIFIC CONDITIONS**

**Table 2. SPECIFIC CONDITIONS**

| <b>Sl.<br/>No</b> | <b>Specific Conditions</b>   | <b>Compliance Status</b>  |
|-------------------|--|---|
| 1.                | The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.  | We carry out the quarry as per the approved mining plan and strictly follow the Kerala mineral Concession Rules 2015 and amendment thereby.               |
| 2.                | The EC shall be valid from the date of execution of lease/permit from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.                     | Noted   |
| 3.                | The seasonal water flow along the south east part of the site (outside) should not be disturbed.   | We assure that seasonal water flow along the south east part it can't be disturbed.   |
| 4.                | Before blasting the columnar rocks should be removed using rock breaker.   | We assure that columnar rock should be removed using rock breaker before blasting.  |
| 5                 | The garland canal, silt traps, siltation pond and outflow channel should be provided covering the entire project area.   | Noted   |
| 6                 | The garland canal, silt traps, siltation pond and outflow channel should be desilted periodically to facilitate unhindered overland drainage and geotagged photograph should be incorporated in the Half Yearly Compliance Report. | We Scrupulously follows the directions and all details are add to the Half yearly compliance report.  |
| 7                 | Green belt development in the buffer should be done in the first year of the project itself using trees of indigenous species and it should be nurtured and maintained in subsequent years   | Noted   |
| 8                 | Compensatory afforestation should be done with indigenous fruit trees and the geocoordinates of the afforested place with photographs should be provided along with HYCR.  | We done with compensatory afforestation with indigenous fruits trees and the geocoordinates of afforested place photographs are provided along with HYCR. |

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| 9  | Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.  | Noted  |
| 10 | 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).  | We wouldn't be transport the mined materials during peak hours in forenoon and afternoon.  |
| 11 | 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 a maximum charge per delay and included in the Half Yearly Compliance Report.  | Noted  |
| 12 | The overburden dumping site should be located at the lowest portion of the project area and it should be protected with appropriate retaining wall.  | Overburden dumping site is located at lower portion of the projected area and it will be protected with appropriate retaining wall.    |
| 13 | As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with local self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support. | Noted  |
| 14 | 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.  | We are using NONEL Blasting Technology has been adopted to reduce the Vibration on ground as per the recommendation from DMG and SEIAA |

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| 15 | <p>As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16<sup>th</sup> January 2020 issued by MoEF&amp;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>Noted for compliance and we will scrupulously follow the directions contained. The working of the quarry is just beginning. The reclamation will be started gradually and the benches will be reclaimed with plantation, flora, fauna etc.</p> |
| 16 | <p>The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.</p>   | <p>Noted</p>  |

### 3.GENERAL CONDITIONS

**Table 3. GENERAL CONDITIONS**

| <b>Sl.<br/>No</b> | <b>General Conditions</b>   | <b>Compliance Status</b>  |
|-------------------|---|---|
| 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.   | An assurance in the form of affidavit was submitted to SEIAA Kerala by the project proponent.   |
| 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.   | We obtained all the statutory clearances from the respective competent authorities including blasting and storage of explosives and all copies of statutory clearance submitted with the first half yearly compliance report.                                     |
| 3                 | 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 <a href="http://www.seiaakerala.in">www.seiaakerala.in</a> . The advertisement should be making 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. | Advertisement done with two local newspapers and the environmental clearance impact assessment authority are upload the website <a href="http://www.seiaakerala.in">www.seiaakerala.in</a> .  |
| 4                 | 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.   | We assure that send a copy of the EC to concerned Grama panchayath and Environmental clearance also be upload on the website of the company.  |
| 5                 | 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.  | We obtain the safety precautions of the project area before and after mining, The lease area shall be fenced with barbed wire to a minimum height of 4ft around and boundary indicators (boards, markings, etc) shall be conspicuous and maintained at all times. |
| 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  | A display board shows all the details about the project and EC provided at the entrance of the quarry site.   |

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|    | extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.  |   |
| 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.  | Magazines stored in isolated area specified and approved by the explosives Department.  |
| 8  | Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department.   | We provide the Warning alarms on the site area to indicate the blasting timings.  |
| 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.   | We assure that transportation minerals covered trucks to contain dust emissions.  |
| 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 Panchayath 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.. | EMC with suitable qualified personal set up under the chairmanship of a Senior executive. The cell have representative of biodiversity management committee of the panchayath and a representative of NGO if any area. EMC meet at once in six months and discuss the activities. |
| 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.  | Scrupulously follows the directions contained.  |
| 12 | The quarrying operation shall be restricted between 7 AM and 5PM   | We strictly restricted quarrying operation between 7AM 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.   | Rain water harvesting facility installed as per the prevailing provisions of KMBr/KPBr. Maximum available solar energy generation and utilization are ensured as an essential part of this 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°.  | We assure that maximum depth of mining should not be deeper than local ground water table and mining operation carried out at place having a slope greater than 45°.  |

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| 15 | The height of any bench shall not exceed five meters and breadth shall not be less than the height.   | We check the height of any bench should not exceed five meters and breadth shall not less than the height.  |
| 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.  | We 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.   |
| 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.  | Scrupulously follows the directions contained.  |
| 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. | We 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 planted along the sides of the approach road and internal roads and open parking areas. Proper maintenance are provided on the planted seedlings. |
| 19 | The proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad leaved plants.  | We ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad leaved plants.  |
| 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 ecorestoration 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.  | Scrupulously follows the directions contained.  |
| 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   | Scrupulously follows the directions contained.  |

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|    | 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.  |   |
| 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.  | Quarrying activities limited to day time as per KSPCB guidelines/specific conditions.   |
| 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.   | We conducted inspection and records the details of periodically monitoring of the vibration at specified location and near the distance of 50m and 100m of project area.  |
| 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.   | Speed trucks follow the rules and regulations of the mine site is limited to moderate speed of 25kmph and prevent undue 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.   | provide 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.   |
| 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.  | We are using NONEL Blasting Technology has been adopted to reduce the Vibration on ground as per the recommendation from DMG and SEIAA. A licensed person will be controlled the blasting operations.   |
| 27 | Measures should be taken for maintaining noise levels below 85dBA in the work Environment.  | We measures noise level and take for maintaining noise levels below 85dBA in the work Environment.  |
| 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.   | We obtain necessary prior permission of the competent authorities for drawing requisite quantity of surface water and ground water for the project.   |
| 29 | Regular monitoring of flow rates and water quality upstream and downstream of the springs an perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly compliance reports to SEIAA.  | Scrupulously follows the directions contained.  |
| 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 | Catch drains and siltation ponds of appropriate size will 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 collected water utilized for watering the mine area, roads, and for green |

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|    | regularly desilted and maintained properly, particularly after monsoon.   | belt development etc. The drains regularly desilted and maintained properly, particularly after monsoon.  |
| 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.   | Scrupulously follows the directions contained.  |
| 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.  | Provided garland drains and silt traps in slopes around the core area to channelize storm water. De silting of garland canal and silt traps are attended in daily basis. A labour have in specifically assigned for this purpose. We ensure the quality of the discharging storm water 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.                            | The company shall abide by the directions of SEIAA Kerala. At present the project is running as per plan submitted in Environmental Impact Assessment Authority, Govt. of India and approved mining plan. There is no change in the scope of the project. The project will seek for a new Environmental clearance in the case of any changes in the scope of the project. |
| 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) Act1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.  | Strict Compliance is adhered to and is reviewed periodically by the top management. Monitoring reports of air, noise, water attached  |
| 35 | 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 450. 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 | Scrupulously follows the directions contained   |

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|    | 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.   |  |
| 36 | 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.  | Mining equipments are regularly maintained and serviced for their efficient functioning and reducing pollution.  |
| 37 | 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.   | All vehicles used for transportation and within the mines at “PUC” certificate from authorized pollution.  |
| 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 PM10 and PM2.5. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board.  | Scrupulously follows the directions contained  |
| 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.   | We regularly controlled fugitive dust emissions from the all sources and regularly maintained and water spraying arrangement provided project site, parking area, on haul roads, loading and unloading and at transport points.  |
| 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 . | Scrupulously follows the directions contained  |
| 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.  | We responsible for implementing all the provisions of labour laws applicable from time to time to quarrying /Mining operations. The workers on the site will be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc. |

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| 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.  | We provided insurance protection to workers.   |
| 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.   | Conducting health surveillance program of the workers will be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. |
| 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 ecofriendly manner.   | We used for activities like water harvesting, aqua culture etc. in an ecofriendly manner.  |
| 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.  | Scrupulously follows the directions contained.   |
| 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.  | Scrupulously follows the directions contained.   |
| 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.   | Scrupulously follows the directions contained.   |
| 48 | The proponent shall submit Half Yearly Compliance Reports (1stof June & 1stof 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 31stMarch every year. | We assure submit half yearly reports in soft copy and SEIAA will upload it on the website.   |
| 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   | We fully cooperated to the officer(s) of the regional office by furnishing the requisite data/information/monitoring reports.  |
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|    | Geology, while monitoring compliance of the stipulated conditions, by furnishing the requisite data/information/monitoring reports.  |  |
| 50 | The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license or consent given by any other authority for the same project.  | Scrupulously follows the directions contained  |
| 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. | The company shall abide by the directions of SEIAA Kerala  |
| 52 | The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.   | Scrupulously follows the directions contained.   |
| 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.  | We strictly followed the environmental clearance will subject to the final order of the courts.              |
| 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.  | Scrupulously follows the directions contained.   |
| 55 | Concealing the factual data or submission of 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.  | We scrupulously follow the rules and regulations and conceiving the factor data or submission of fabricated. |
| 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.   | Scrupulously follows the directions contained  |
| 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.  | Scrupulously follows the directions contained  |

#### **4.ENVIRONMENTAL MONITORING CELL**

**Table 4. Environmental Monitor**

| S1 No | Name   | Designation                     |  |
|-------|--|---------------------------------|--|
| 1     | Sri. Mithun                                      | Head of the cell                | Frame policies monitoring the activities                             |
| 2     | M/s Prime Technology Services                    | Environmental Consultant        | Provide technical guidance for sound environmental friendly business |
| 3     | M/S Standard <sup>s</sup> (MoEF recognized Lab ) | Environmental Monitoring Agency | Monitor Ambient Air, Noise, water and soil periodically              |

# **ANNEXURES**

# ***Annexure-1***

*Environmental Clearance*



# PARIVESH

(*Pro-Active and Responsive Facilitation by Interactive,  
and Virtuous Environmental Single-Window Hub*)

ENVIRONMENTAL  
CLEARANCE



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

To,

The MD  
M/S VEZHAKKOD GRANITES PVT LTD  
Kannamparamb,Cheruvadi P.O,Kozhikode District -673661

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/KL/MIN/142599/2020 dated 28 Jul 2020. The particulars of the environmental clearance granted to the project are as below.

|  |   |
|--|---|
| 1. EC Identification No.                   | <b>EC22B001KL170109</b>                   |
| 2. File No.                                | 1773/EC6/2020/SEIAA                       |
| 3. Project Type                            | New                                       |
| 4. Category                                | B2  |
| 5. Project/Activity including Schedule No. | 1(a) Mining of minerals                   |
| 6. Name of Project                         | Granite Building Stone Quarry of Mithun.K |
| 7. Name of Company/Organization            | M/S VEZHAKKOD GRANITES PVT LTD            |
| 8. Location of Project                     | Kerala                                    |
| 9. TOR Date                                | N/A                                       |

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

Date: 23/08/2022

(e-signed)  
Dr. Venu V IAS  
Member Secretary  
SEIAA - (Kerala)

*Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.*

*This is a computer generated cover page.*



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

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

**Sub:- Environmental Clearance for the Granite Building Stone Quarry Project of Sri.Mithun, Managing Director, M/s.Vezhakkode Granites Ltd., Kannamparamb, Cheruvadi P.O, Kozhikkode - Granted – Orders issued.**

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**State Level Environment Impact Assessment Authority, Kerala**

**Proposal No. SIA/KL/MIN/142599/2020**

**File No. 1773/EC6/2020/SEIAA**

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- Ref: 1. Application for EC received on 28.07.2020 from Shri.Mithun  
2. Minutes of the 128<sup>th</sup> meeting of SEAC held on 23<sup>rd</sup> & 24<sup>th</sup> May 2022  
3. Minutes of the 115<sup>th</sup> meeting of SEIAA held on 30<sup>th</sup> June 2022  
4. G.O(Rt.) No.29/2019/Envt dt.12.04.2019

**ENVIRONMENTAL CLEARANCE NO.102/Q/2022**

Sri.Mithun, Managing Director, M/s.Vezhakkode Granites Ltd., Kannamparamb, Cheruvadi P.O, Kozhikkode submitted an application for Environmental Clearance through PARIVESH on 28.07.2020 for the Granite Building Stone Quarry Project for an area of 0.8949 Ha in Block No.27, Survey No. 161/2, 161/3, 161/4, 145/1 in Urangattiri Village, Ernad Taluk, Malappuram District, Kerala. The project details are as follows:

| <b>SL.No</b> | <b>Particulars</b>  | <b>Details</b>                                      |
|--------------|---------------------|---|
| 1            | Name of the Project | Granite Building Stone Quarry Project of Sri.Mithun |

|    |   |  |
|----|---|--|
| 2  | Proposed Activity   | Mining of Granite Building Stone   |
| 3  | Name of the Sector & Schedule No. (in the EIA Notification, 2006) | Non Coal mining,<br>Activity 1(a), Category B2   |
| 4  | Name & Address of the Project Proponent                           | Sri.Mithun, Managing Director, M/s.Vezhakkode Granites Ltd., Kannamparamb, Cheruvadi P.O, Kozhikkode |
| 5  | Project Location  |  |
|    | a) Block No.  | 27   |
|    | b) Survey Nos   | 161/2, 161/3, 161/4, 145/1   |
|    | c) Revenue Village & Panchayath                                   | Urangattiri  |
|    | d) Taluk  | Ernad  |
|    | e) District   | Malappuram   |
| 6  | Geo Co-ordinates  | Latitude (N) 11°14'57.03"N to 11°15'1.35"N<br>Longitude (E) 76° 5'36.99"E to 76° 5'41.20"E           |
| 7  | Extent (in Hectare)   | 0.8949   |
| 8  | Project Cost  | ₹ 1,06,00,000/-  |
| 9  | Production details  | 35000 MTA  |
| 10 | Water Requirement & Source  | 2.5 KLD<br><br>Open Well   |
| 11 | Power Requirement& Source   | 75 kW<br><br>Diesel Engine   |
| 12 | Field Inspection Details  | Date of Field Inspection : 16.08.2021  |

## CER Details

| <b>Year</b> | <b>Activity</b>  | <b>Amount</b>                |
|-------------|--|------------------------------|
| 2021-2022   | Provide 10 Solar Street Light units costing Rs. 30,000 per unit in Vezhakkode – Choolattippara (Chekkunnumala) road in Urangattiri Grama Panchayath. | <b>30000 x 10 = 3,00,000</b> |
| 2022-2026   | Maintenance and Service charges to Urangattiri Grama Panchayath.   | <b>50,000</b>                |
| 2022-2023   | Provide 3kw off grid Solar Panel facility in Govt. Primary Health centre, Poovathikkal   | <b>3,00,000</b>              |
| 2022-2026   | Maintenance and Service charges to Govt. Primary Health centre, Poovathikkal.  | <b>50,000</b>                |
|             | <b>Total</b>   | <b>7,00,000</b>              |

2. In the 128<sup>th</sup> meeting of SEAC held on 23<sup>rd</sup> & 24<sup>th</sup> May 2022, the Committee verified the documents submitted by the proponent and found them satisfactory. The Committee discussed the field inspection report and recommended EC for a period of 5 years subject to certain Specific Conditions in addition to the General Conditions.

3. In the 115<sup>th</sup> SEIAA meeting held on 30<sup>th</sup> June 2022, the Authority decided to issue Environmental Clearance for the project life of 5 years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.

1. *The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
2. *The EC shall be valid from the date of execution of lease/permit from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
3. *The seasonal water flow along the south east part of the site (outside) should not be disturbed.*

4. Before blasting the columnar rocks should be removed using rock breaker.
5. The garland canal, silt traps, siltation pond and outflow channel should be provided covering the entire project area.
6. The garland canal, silt traps, siltation pond and outflow channel should be desilted periodically to facilitate unhindered overland drainage and geotagged photograph should be incorporated in the Half Yearly Compliance Report.
7. Green belt development in the buffer should be done in the first year of the project itself using trees of indigenous species and it should be nurtured and maintained in subsequent years
8. Compensatory afforestation should be done with indigenous fruit trees and the geocoordinates of the afforested place with photographs should be provided along with HYCR.
9. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
10. 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).
11. 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 a maximum charge per delay and included in the Half Yearly Compliance Report.
12. The overburden dumping site should be located at the lowest portion of the project area and it should be protected with appropriate retaining wall.
13. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with local self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the

*Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*

14. *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.*
15. *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.*
16. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**4. Environmental Clearance as per the EIA Notification, 2006 is hereby accorded for the Granite Building Stone Quarry Project of Sri. Mithun, Managing Director, M/s. Vezhakkode Granites Ltd., Kannamparamb, Cheruvadi P.O, Kozhikkode for an area of 0.8949 Ha in Block No.27, Survey No. 161/2, 161/3, 161/4, 145/1 in Urangattiri Village, Ernad Taluk, Malappuram District, Kerala, for the project life of 5 years, from the date of execution of valid mining lease/permit from the Department of Mining and Geology as per S.O.1807 (E) dated 12.04.2022 of MoEF&CC, for the quantity mentioned in the approved Mining Plan, subject to the Specific Conditions suggested by SEIAA in Para 3 above, and all the environmental impact mitigation and management measures undertaken by the Project Proponent in the Form I, EMP, PFR and Mining Plan submitted to SEIAA. The assurances and clarifications given by the proponent will be deemed to be a part of this Proceedings as if incorporated herein. Also the General**

**Conditions for projects stipulated for mining (items 1 to 57), mentioned below will be applicable and have to be strictly adhered to.**

5. The Environmental Clearance issued will also be subject to full and effective implementation of all the undertakings given in the Application Form, mitigation measures as assured in the Environment Management Plan and the mining features including Progressive Mine Closure Plan as submitted with the application. The above undertakings and the conditions and the undertakings in (Mining), (Blasting), (Mines Drainage), (Stacking of Mineral rejects and Disposal of waste), (Environment Management Plan) & (Progressive Mine Closure Plan) of the Mining Plan as submitted will be deemed to be part of this Proceedings as conditions as undertaken by the proponent, as if incorporated herein.
6. Validity of the Environmental Clearance will be **Five (5) years** from the date of execution of valid mining lease/permit from the Department of Mining & Geology as per SO 1807(E) dated 12.04.2022 of MoEF & CC, subject to earlier review of EC in case of violation or non-compliance of conditions or genuine complaints from residents within the security area of the quarry.
7. Compliance of the conditions herein will be monitored by the State Environment Impact Assessment Authority or its authorised offices and also by the Regional Office of the Ministry of Environment, Forest & Climate Change, Govt. of India, Bangalore. Necessary assistance for entry and inspection should be provided by the Project Proponent and those who are engaged or entrusted by him to the staff for inspection or monitoring. Instances of violation if any shall be reported to the District Collector, Malappuram.
8. The Half Yearly Compliance Report (HYCRs) with its contents, covering letter, compliance report and environmental monitoring data have to be uploaded in the Parivesh portal and the website of the project proponent. The HYCR with the name of the project, EC No and date & the period of submission should be sent to the Regional Office of MoEF & CC & to the SEIAA by email only at email ID [rosz.bng-mefcc@gov.in](mailto:rosz.bng-mefcc@gov.in) & [seacseiaakerala@gmail.com](mailto:seacseiaakerala@gmail.com) respectively. Hardcopy of HYCRs shall not be acceptable.
9. The given address for correspondence with the authorised signatory of the project is Sri.Mithun, Managing Director, M/s.Vezhakkode Granites Ltd., Kannamparamb, Cheruvadi P.O, Kozhikkode.

## **GENERAL CONDITIONS**

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.*
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.*
3. *The project proponent should advertise in news papers 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](http://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.*
4. *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.*
5. *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.*
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.*
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.*

8. *Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department.*
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.*
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 Panchayath 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.*
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.*
12. *The quarrying operation shall be restricted between 7 AM and 5PM*
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.*
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°.*
15. *The height of any bench shall not exceed five meters and breadth shall not be less than the height.*
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.*
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.*

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.*
19. *The proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad leaved plants.*
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.*
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.*
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.*
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.*

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.
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.
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.
27. Measures should be taken for maintaining noise levels below 85 dBA in the work environment.
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.
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.
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.
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.
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.*

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.*
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.*
35. *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<sup>o</sup>. 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.*
36. *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.*
37. *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. .*
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<sub>10</sub> and PM<sub>2.5</sub>.*

*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.*

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.*
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 .*
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.*
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.*
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.*
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.*
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.*
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.*
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.*

48. The proponent shall submit Half Yearly Compliance Reports (1<sup>st</sup> of June & 1<sup>st</sup> 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<sup>st</sup> March every year.
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.
50. The above conditions shall prevail notwithstanding anything to the contrary, inconsistent, or simplified, contained in any other permit, license or consent given by any other authority for the same project.
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.
52. The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.
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.
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.
55. Concealing the factual data or submission of 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.*

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.*
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.*

Sd/-  
**Administrator, SEIAA**  
**For Member Secretary, SEIAA**

To,

Sri.Mithun,  
Managing Director,  
M/s.Vezhakkode Granites Ltd.,  
Kannamparamb, Cheruvadi P.O,  
Kozhikkode – 673 661

Copy to

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wing, II Block,Koramangala, Bangalore-560034.(through e-mail: rosz.bng-mefcc@gov.in)
2. The Additional Chief Secretary to Government, Environment Department, Government of Kerala
3. The Director, Directorate of Environment & Climate Change, 4th Floor KSRTC Bus Terminal, Thampanoor, Thiruvananthapuram, Kerala 695001.
4. The District Collector, Malappuram
5. The Director, Mining & Geology, Thiruvananthapuram -4.
6. The Member Secretary, Kerala State Pollution Control Board
7. The District Geologist, Malappuram
8. The Tahsildhar, Ernad Taluk, Malappuram District
9. The Secretary, Urangattiri Panchayat Office Areekode Othayi-Edavanna Rd, Therattammal, Malappuram - 673639
- 10.The Chairman, SEIAA.
- 11.Website.
- 12.S/f
- 13.O/c

## ***Annexure-2***

*Quarry Permit*

**FORM M**  
 (See sub – rule(2) of rule 9)  
 (For all type of quarrying permits)

**GOVERNMENT OF KERALA  
 DEPARTMENT OF MINING & GEOLOGY, DISTRICT OFFICE,  
 MALAPPURAM  
 QUARRYING PERMIT FOR EXTRACTION OF GRANITE BUILDING STONE  
 GRANTED  
 UNDER RULES 3(1),9 AND 10 OF THE KERALA MINOR MINERAL  
 CONCESSION RULES, 2015**

**No.18/2023-24/DOMAL-  
 DMG/1677/2023-M**

**Dated : 30-11-**

**2023**

**Sri. Mithun, Managing Director, Vezhakkode Granites Pvt. Ltd, Kannamparambu, Cheruvadi (P.O), Kozhikkode** is hereby permitted to extract and remove **Granite Building Stone** from an area of 0.8949 H in Survey Nos. **161/2, 161/4, 161/3-1, 145/1-2 o f Urangattiri Village of Ernad Taluk of Malappuram District, Kerala State** under rule 3(1) and 9 of the Kerala Mineral Concession Rules, 2015 subject to the conditions mentioned in rule 10.

Quantity of extraction of mineral permitted : First year-35000 MT (royalty paid)  
 (Not applicable in the case of CRP System) Second year-35000MT( subject to the payment of royalty)  
 Third Year-35000 MT( subject to the payment of royalty)

Whether the permit holder opted CRP System : No

Number of mineral transit passes to be issued : E-pass will be issued in Kompass portal

Name and address of the owner of the land : Kunhimon, Babu, S/O Koru, Kannamparambu H, Cheruveed (P.O), Kozhikode  
 Midhun, S/O Kunhimon, Kannamparabu (H), Cheruvadi (P.O) Kozhikode

Under mineral concession/particulars of consent/ : Notarised consent submitted

NOC received from the occupier of the land (if applicable )

Date of expiry of permit : **29.11.2026**

(\* the validity of movement permit will  
 be subject to the payment of Royalty)

**Details of fee remitted**

| Item            | Chalan No.&Date                       | Amount  | Name of Treasury |
|-----------------|---------------------------------------|---------|------------------|
| Application fee | KL021096095202324E<br>DTD. 11.10.2023 | 1,000/- | e-challan        |

|                                 |                                      |                                     |           |
|---------------------------------|--------------------------------------|-------------------------------------|-----------|
| Royalty                         | KL025841528202324M<br>DTD-24.11.2023 | 1680000/- ( for<br>first year only) | e-challan |
| Surface Rent                    | KL026314113202324E<br>Dtd-30.11.2023 | 720/-                               | e-challan |
| Addl.Royalty<br>remitted,if any | -                                    | -                                   |           |

( Office Seal)

Geologist

To:

Kunhimon, Babu, S/O Koru, Kannamparambu  
H, Cheruveed (P.O), Kozhikode  
Midhun, S/O Kunhimon, Kannamparabu (H),  
Cheruvadi (P.O)  
Kozhikode

Copy to : (1) The District Collector, Malappuram (with C/L)  
(2) Secretary, Urangattiri Panchayat

## ***Annexure-3***

*Consent from KSPCB*

**FILE NO : KSPCB/MA/ICO/10010269/2022**

**Date of issue : 12-09-2022**



**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. : 10010269**

**Dated : 24-08-2022**

**To**

**Vezhakkode Granites Pvt Ltd.**

**Vezhakkode, Poovathikkal Post, Urangattiri, Malappuram-673639**

**Consent No. : KSPCB/MA/ICO/10010269/2022**

**Valid Upto : 31-07-2027**

## 1. GENERAL

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

|    |                                       |   |
|----|---------------------------------------|---|
| 1  | <b>VALIDITY</b>                       | 31-07-2027  |
| 2  | Name and Address of the establishment | Vezhakkode Granites Pvt Ltd.<br>Vezhakkode, Poovathikkal Post, Urangattiri,<br>Malappuram-673639                                    |
| 3  | Occupier Details                      | Mithun K<br>Managing Director, Vezhakkode Granites Ltd.,<br>Kannamparamba, Cheruvadi Post, Kozhikode-673661                         |
| 4  | Local Body                            | Urangattiri Panchayat   |
| 5  | Survey Number                         | RS No.161/2, 161/3, 161/4, 145/1  |
| 6  | Village                               | Urangattiri   |
| 7  | Taluk                                 | Ernad   |
| 8  | District                              | MALAPPURAM  |
| 9  | Capital Investment(Rs in Lakhs)       | 106.0   |
| 10 | Scale                                 | Small   |
| 11 | Category                              | RED   |
| 12 | Annual fee(Rs)                        | 25000.0   |
|    | Total Fee remitted(Rs)                | 137500.0  |
| 13 | Activity                              | Quarrying activity in 0.8949Ha-120 MT Metric Tonnes/Day   |
| 14 | Machinery details                     | Quarrying in an area of 0.8949Ha of land in RS No.161/2, 161/3, 161/4, 145/1, Urangattiri Village, Ernad Taluk, Malappuram district |

## GENERAL CONDITIONS

1. This consent is granted subject to the power of the Board to review and make variation in or revoke any of the conditions as the Board deems fit as per the relevant Acts/Rules.
2. The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water, land and sound pollution.
3. For renewal of the consent in case of continuance of discharge /operation of the industry, application in the prescribed form shall be submitted through the web portal of the Board for Online Consent Management & Monitoring System 2 months prior to the date of expiry. Late application will be accepted only with fine.
4. No change or alteration of the industrial plant is to be made without the prior written permission of the Board. Any change in the particulars furnished and/or in the identity of the occupier/authorised agent is to be intimated to the Board forthwith.
5. This consent is granted on the basis of the affidavit furnished by the applicant. If the statement furnished in the affidavit find false, the consent issued will be revoked and prosecution will be launched against the unit.
6. The location of the quarry shall be as per the approved drawing attached
7. There shall be minimum distance of 50m from the quarrying point to nearest residence as per PCB/HO/Circular-01/03/2017/B dated 10.10.2017.
8. Boundary shall be fenced before operation of quarrying activities.
9. The concentration of PM10 at the boundary shall not exceed 100 microgram/m<sup>3</sup>.
10. After extraction at the site is completed, the land may be used for rain water harvesting with protective barriers/any other suitable approved purpose or may be reclaimed.
11. 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.
12. No change or alteration of the quarrying area is to be made without the prior written permission of the Board. Any change in the particulars furnished and/or in the identity of the occupier/ authorized agent is to be intimated to the Board forthwith.
13. The ambient air quality measured at 1 m outside the boundary of the premises shall not exceed the ambient air quality applicable to the adjoining area.
14. The sound level measured at 1 m outside the boundary of the premises shall not exceed the ambient sound level applicable to the adjoining area.
15. 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.
16. The consentee shall put up a sign board of size 6x4 ft. near the main entrance of the plant to display the name of the unit and important consent conditions.

- 17.Bench cutting method shall be adopted for quarrying.
- 18.Blasting and quarrying shall be done without causing any nuisance or damage to occupants of adjoining or neighbouring land or building or posing damage to health,life or property.
- 19.Mining below normal water table by continuous pumping shall be avoided in summer period (March,April,May)to prevent drinking water shortage in that area.
- 20.The applicant shall submit copies of all relevant permits/ lease/certificate/licences periodically to this office to ensure the validity of this consent.

Reference:-

- 1.Environmental Clearance Identification No. EC22B001KL170109 dated 23/08/2022.
- 2.Explosive licence No .E/SE/KL/22/39(E87415) valid up to 13/09/2021.
- 3.Mining And Geology LOI No: DOM/M-2690/17 dated 21/03/2018.

SIGNATURE OF ISSUING AUTHORITY

ENVIRONMENTAL ENGINEER

DISTRICT : MALAPPURAM  
TALUK : ERANAD  
VILLAGE : URANGATTIRI

NO. 607/22

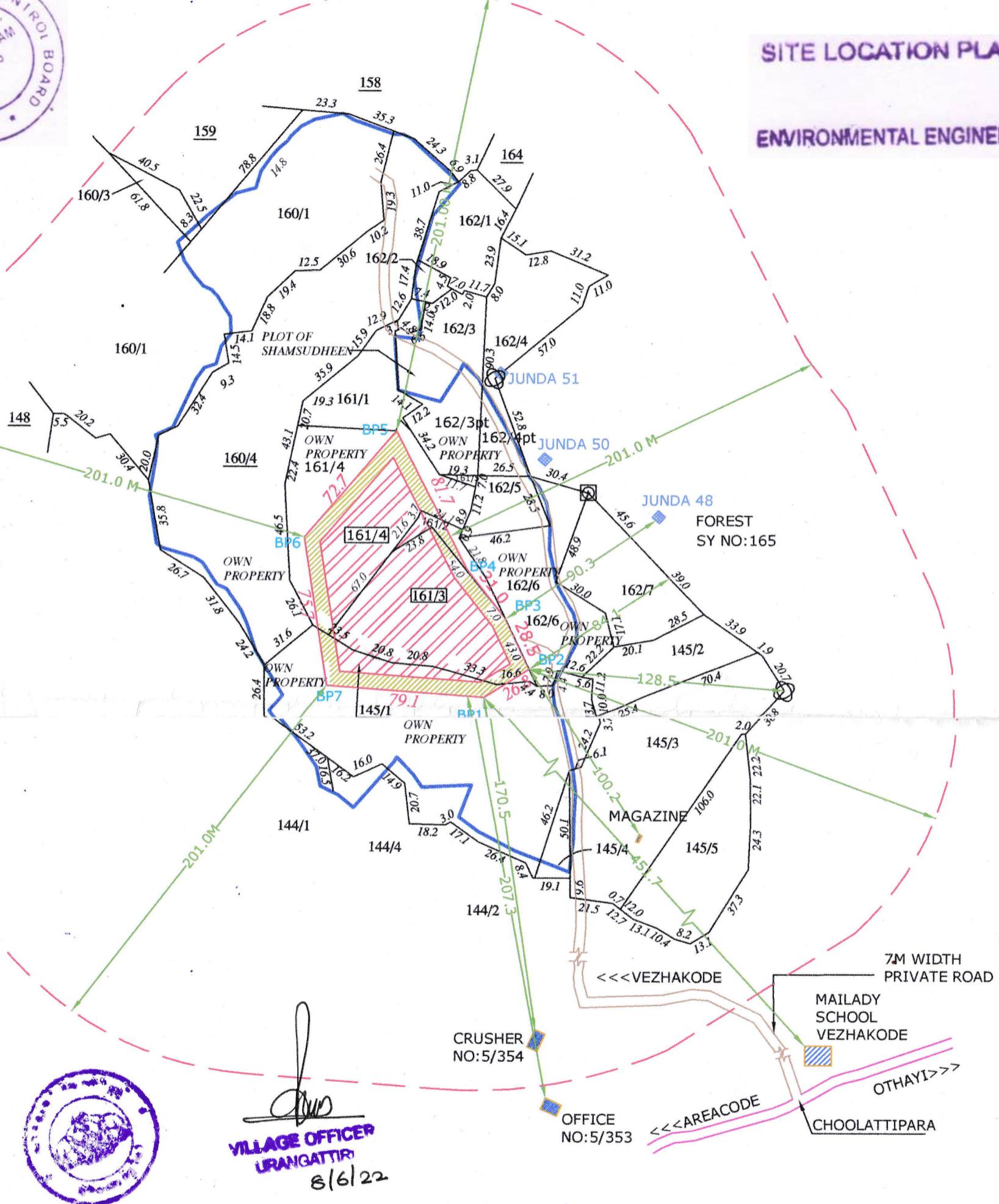
# SURVEY MAP

RS NO: 161/2, 161/3, 161/4, 145/1,



**SITE LOCATION PLAN**

**ENVIRONMENTAL ENGINEER**



## ***Annexure-4***

*Explosive License*



भारत सरकार | Government of India

वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो) | Petroleum & Explosives Safety Organisation (PESO)

पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives

केन्द्रीय भवन, ब्लॉक सी-2, तीसरी मंजिल | Kendriya Bhavan, Block C-2, 3rd Floor

CSEZ पो.ओ.कक्कानाड कोच्ची | CSEZ PO Kakkanad Dist. Ernakulam Ernakulam 682037

फोन (Phone): - 2427286 | फैक्स (Fax): - 2427276

ई-मेल Email: dyceernakulam@explosives.gov.in

संख्या (No.): E/SE/KL/22/39(E87415)

दिनांक (Date): 13/09/2021

सेवा में | To,

Mithun. Managing Director,  
Vezhakkode Granites Pvt. Ltd., 279/384, Kannamparamb. Cheruvadi Post, Kodiyathur, Town/Village - Kodiyathur  
District-KOZHIKODE, State-Kerala, Pincode - 673662

14 SEP 2021

**विषय :** Survey No.145/3 (Block 27), Ernad (T), ग्राम Oorngattiri, ज़िला MALAPPURAM, राज्य Kerala में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुशास्ति सं E/SE/KL/22/39(E87415) के नवीनीकरण संदर्भ में।  
**Subject:** Possession for Use of Explosives from magazine situated at Survey No.:145/3 (Block 27), Ernad (T), Oorngattiri, Dist. MALAPPURAM, Kerala - Licence No.: E/SE/KL/22/39(E87415) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या Nil दिनांक 10/01/2020 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुशास्ति दिनांक 31/3/2023 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।  
Reference to your letter No.: Nil dated: 10/01/2020, the subject licence duly renewed upto 31/3/2023 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

**Conditions:**

1) QUARRYING SHALL BE STARTED USING EXPLOSIVES ONLY AFTER GRANT OF QUARRYING LEASE FROM THE DIRECTOR OF MINING & GEOLOGY . PLEASE NOTE THAT THE USE OF EXPLOSIVES IN THE QUARRIES SHALL BE AS PER THE DIRECTION OF DGMS, BANGALORE AS REQUIRED UNDER MINES ACT 1952 AND METALIFEROUS MINES REGULATIONS 1961.

अनुशास्ति के आगामी नवीनीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/ 2023 से पहले इस कार्यालय को भेजे जाएं।

For further renewal of licence, please submit the following documents so as to reach this office on or before 31/3/2023.

- प्ररूप आरई-1 में विवरणीय पृष्ठ एवं हस्ताक्षरित आवेदन।  
Application in Form RE-1 duly filled in and signed.
- एक से पाँच वर्ष के अनुशास्ति शुल्कों का, विस्फोटक नियम, 2008 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से लाइसेंस शुल्क ऑनलाइन जमा किया जाना है।  
Licence fees renewable for one to five years, to be submitted online through e-payment facility available on online application portal under the Explosives Rules, 2008.
- अनुमोदित प्लान के साथ मूल अनुशास्ति।  
Original licence with approved plan.
- कृपया इस संबंध में विस्फोटक नियम, 2008 के नियम 112 का भी संदर्भ ग्रहण करें।  
In this connection, please also refer to Rule 112 of Explosives Rules, 2008.
- विस्फोटकों के क्रय हेतु आरई-11 में मांगपत्र (इंडेट) आपूर्तिकर्ता को दिया जाए और उसी की एक प्रति इस कार्यालय को भेजी जाएं (आतिशबाजी गोदाम के लिए लागू नहीं) □  
Indent for purchase of explosives shall be placed in RE-11 with the supplier and copy of the same shall be sent to this office.(Not applicable for fireworks store house)
- कृपया विस्फोटकों की त्रैमासीक विवरणी हर तिमाही के अंत में आरई-7 में प्रस्तुत की जाएं। विवरणी इस कार्यालय के कार्यालय में आगामी तिमाही के 10 तारीख से पहले पहुंच जानी चाहिए (आतिशबाजी गोदाम के लिए लागू नहीं) □ Please submit quarterly returns of explosives in RE-7 at the end of every quarter so as to reach this office by 10th of the succeeding quarter.(Not applicable for fireworks store house)
- सभी ब्लास्टिंग आपरेशन एक सक्षम द्वारा की जाएगी जो उपरोक्त नियमों के तहत एक वैध शॉट फायर प्रमाणपत्र धारक हो। हालांकि, खान अधिनियम 1952 के अधीन आने वाले खानों में ब्लास्टिंग आपरेशन करने वाले ब्लास्टर की योग्यता उसी अधिनियम से निर्धारित हो।  
All blasting operations shall be carried out by a competent person holding a valid shot firer's permit granted under above rules. However, blasting operations in mines coming under the purview of the Mines Act 1952, the blaster shall have qualifications prescribed in the regulations framed under the said Act.

भवदीय | Your's faithfully

(आर.वेणुगोपाल | Dr. R.Venugopal)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची Ernakulam नियंत्रक

Deputy Chief Controller of Explosives

प्राप्तोलोपि प्रोषेत | Copy Forwarded to:

1. ज़िला मार्जिस्ट्रेट (District Magistrate), MALAPPURAM (Kerala)- सूचना के लिए (for information.) ulam

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची | Ernakulam

(आधिक जानकारी जैसे आवेदन को स्थानीय, शुल्क आदि के लिए हमारी वेबसाइट <http://peso.gov.in> देखें।)

### अनुज्ञाप्ते प्ररूप एल. इ.-3 | LICENCE FORM LE-3

(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)

(See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)

(ग) उपयोग के लिए एक समय पर वर्ग 1,2,3,4,5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक रखने के लिए  
 अनुज्ञाप्ति

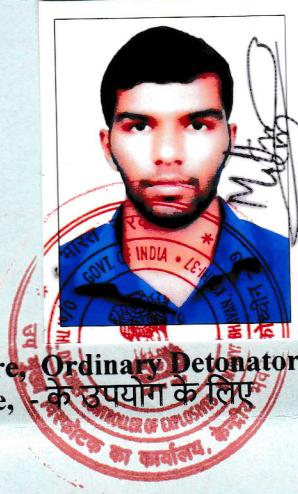
Licence to possess : (c) for use, explosives of class 1, 2, 3, 4, 5, 6 or 7 in a magazine

अनुज्ञाप्ते सं. (Licence No.) : E/SE/KL/22/39(E87415)

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

1. Licence is hereby granted to

Mithun. Managing Director (अधिभोगी / Occupier : Mithun. Managing Director), Vezhakkode  
 Granites Pvt. Ltd., 279/384, Kannamparamb. Cheruvadi Post, Kodiyathur, Town/Village - Kodiyathur,  
 District-KOZHIKODE, State-Kerala, Pincode - 673662



को अनुज्ञाप्ति अनुदत्त की जाती है।

2. अनुज्ञाप्तिधारी की प्रास्थिति | Status of licensee : Individual

3. अनुज्ञाप्ति निम्नलिखित प्रयोजनों के लिए विधिमान्य है। possess for use of Nitrate Mixture, Ordinary Detonator, Electric Detonators, Safety Fuse, के उपयोग के लिए  
 Licence is valid only for the following purpose.

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

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

| क्र. No. | नाम और विवरण<br>Name and Description | वर्ग और प्रभाग<br>Class & Division | उप-प्रभाग<br>Sub-division | मात्रा किसी एक समय में<br>Quantity at any one time |
|----------|--------------------------------------|------------------------------------|---------------------------|--|
| 1.       | Nitrate Mixture                      | 2, 0                               | 0                         | 75 Kg.   |
| 2.       | Ordinary Detonator                   | 6, 3                               | 0                         | 2000 Nos.  |
| 3.       | Electric Detonators                  | 6, 3                               | 0                         | 2000 Nos.  |
| 4.       | Safety Fuse                          | 6, 1                               | 0                         | 1100 Mtrs  |

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

3 times  
 as above.

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

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञाप्त परिसर की पुष्टि होती है। रेखाचित्र क्र. (Drawing No.) E/SE/KL/22/39  
 : (E87415)

The licensed premises shall conform to the following drawing : दिनांक (Dated) 09/06/2015  
 (s): .

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

Survey No. 145/3 (Block 27), Ernad (T), ग्राम (Town/Village) : Oorngattipुलिस थाना (Police Station) : Areacode  
 जिला (District) MALAPPURAM राज्य (State) Kerala पिनकोड (Pincode) 673662  
 दूरभाष (Phone) 9745572682 ई. मेल (E-Mail)

7. अनुज्ञाप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं। D type No.735 and E Type No.974 M/s. Thekkens Engg.  
 The licensed premises consist of following And Fabrications, Ernakulam facilities.

8. अनुज्ञाप्ति समय – समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधो, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबधों के अधीन रहते हुए अनुदत्त की जाती है।  
 The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.

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

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

2. अनुज्ञाप्ति प्राधिकारी व्यारारा हस्ताक्षरित इस अनुज्ञाप्ति की शर्तों और अतिरिक्त शर्तों।

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

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

9. यह अनुज्ञाप्ति तारीख 31 मार्च 2020 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2020.

यह अनुज्ञाप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा

उपवर्णित इस अनुज्ञाप्ति की शर्तों का अधिक्रमण करने या यदि अनुज्ञाप्त परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहत की जा सकती है, जहां वह लागू हो।

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

तारीख | The Date - 09/06/2015

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

नवोनीकरण के पृष्ठांकन के लिए स्थान  
Space for Endorsement of Renewal

| नवोनीकरण की तारीख<br>Date of Renewal | समाप्ति की तारीख<br>Date of Expiry | अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प<br>Signature of licensing authority and stamp |
|--------------------------------------|------------------------------------|--|
| 13/09/2021                           | 31/03/2023                         | Dy. Chief Controller of Explosives, Ernakulam<br><br>Deputy Chief Controller of Explosives |

**कानूनी चेतावनी :** विस्फोटकों को गलत ढंग से चलाने या उनका दुरुल्पयोग विधि के अधीन गंभीर दांड़िक 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.**

(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 एल.ई. 3 [अनुच्छेद 3 (ख) से (ग)] में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक द्वारा प्रदान किए जाने वाले अनुज्ञाप्ति सं. E/SE/KL/22/39(E87415) की शर्तें निम्नलिखित हैं।

The following are the conditions of licence number E/SE/KL/22/39(E87415) 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.

1. 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.
2. विस्फोटकों के भंडारण के लिए प्रयुक्तर होने वाली मैगजीन अनुसूची III और अनुज्ञाप्ति के उपार्ध 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.
3. मैगजीन का प्रयोग उन सभी विस्फोटकों के, जो इस अनुज्ञाप्ति में विनिर्दिष्ट है, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं।  
The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
4. पैकेजों 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.
5. दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर पृथक कर दिया जाए कि किसी वजह से विस्फोटक में लगने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटक तक न पहुंच सके : परंतु—  
(घ) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पलीते और वर्ग 6 प्रभाग 2 के अंतर्गत आने वाले विस्फोटक प्रेरक पलीते, जिनमें कोई खुला लोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थान के रखे जा सकते हैं।  
(ड) वर्ग 6 प्रभाग 3 के अंतर्गत आने वाले विस्फोटक प्रेरक अलग रखे जाएंगे।  
(च) वर्ग 1 के अंतर्गत आने वाले बारूद को अलग रखा जाएगा।  
Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other; Provided that—  
(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space ;  
(e) Detonators belonging to Class 6 Division 3 shall be kept separately.  
(f) Gun powder belonging to Class 1 shall be kept separately.
6. 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.
7. वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी दी दी हो।  
(i) जब ऐसी मंजूरी दी गई हो तो प्रत्येक नियंत्रक पर किसी विस्फोटक नियंत्रक से ऐसा लिखित प्रमाणपत्र अभिप्राप्त कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आने वाली अवधि दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुज्ञाप्तिधारी अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा।  
(ii) जब कोई विस्फोटक मानक शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो ग्लीअसरीन या द्रव नाइट्रो योगिक के निकल जाने के चिह्न प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञाप्तिधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करें।  
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.  
(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.  
(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.
8. मैगजीन के भीतरी भाग या उसमें लगी बैचों, शेल्फों और उसकी फिटिंग का इस प्रकार सन्त्रिमाण किया जाएगा या उहें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोका जा सके। भीतरी भाग में लगी बैचों, शेल्फें और फिटिंग यथासाध्य प्रिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सम्पर्क सावधानी बरती जाएगी कि वहां कोई जल मौजूद न रहे : परंतु किसी लोहे या इस्पात के खुले होने के विरुद्ध सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बाध्येकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से भिन्न कोई विस्फोटक रखा गया है।  
The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from;  
Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.
9. यदि तड़ित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञाप्तिधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञाप्तिधारी द्वारा पश्चात्वर्ती प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तड़ित चालक को समाधानप्रद घोषित नहीं कर देता :  
परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के किए गए सभी परीक्षणों के लिए प्रभार्य होगा :  
परंतु यह और कि यदि दो या अधिक तड़ित चालक एक ही मैगजीन से संबद्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तड़ित 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.

10. उपयुक्त तथा जेब रहित कार्यकरण वस्त्रों, उपयुक्त जूतों के प्रयोग द्वारा तथा तलाशी लेकर या अन्यथा अथवा ऐसे किन्हीं साधनों द्वारा इस बाबत सम्यक उपबंध किया जाएगा कि फैक्ट्री परिसर में अग्नि, दियासलाई अथवा ऐसी कोई वस्तुएं या पदार्थ, जिससे विस्फोट हो सकता है या आग लग सकती हो, किन्तु इस शर्त के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम बत्ती का प्रवेश वर्जित नहीं है जिससे आग लगने या विस्फोट होने का खतरा न हो :

परंतु इस शर्त का वह भाग, जो लोहे या इस्पात के अपवर्जन को लागू होता है, ऐसे किसी भवन के संबंध में बाध्य कर नहीं होगा जिससे भिन्न कोई विस्फोट नहीं रखा गया है ।

Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching or otherwise or by such means, for preventing the introduction into danger area of the factory premises of fire, Lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or explosion:

Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.

11. अनुज्ञाप्तिधारी प्ररूप आर.ई.-3 और आर.ई.-4 या आर.ई.-5, जैसी स्थिति हो, में सभी विस्फोटकों का अभिलेख और लेखा रखेगा और विस्फोटक क्रियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर स्टाक पुस्तक और अभिलेख प्रस्तुत करेगा । स्टाक पुस्तक विहित प्रोफार्मा में पृष्ठ संख्यांकित होगी ।

The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforma shall be page numbered.

12. परिसरों में कोई परिवर्तन या तबदीली अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुज्ञाप्तिधारी ऐसी किसी शर्त का अनुपालन करेगा जो इस नियमित अनुज्ञापन प्राधिकारी विनिर्दिष्ट करें ।

No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.

13. मैगजीन सभी समयों पर अच्छी मरम्मत की स्थिति में बनाई रखी जाएगी (या अच्छी हालत में बनाई रखी जाएगी) यदि किसी कारणवश किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुज्ञाप्तिधारी 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 अनुज्ञाप्तिधारी इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा ।

The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.

14. यदि सुरक्षा दूरी का कोई अधिक्रमण होता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को आवश्यक सलाह और कार्यवाही के लिए तुरंत दी जाएगी ।

Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.

15. यदि कोई विस्फोटक विनष्ट हुआ अथवा अनुपयोगी जाया जाता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को, सलाह प्राप्त करने के लिए, तुरंत दी जाएगी ।

The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.

16. विस्फोटकों के पैकेटों के चट्टे इस प्रकार लगाए जाएंगे कि कम से कम एक व्यक्ति भण्डार किए गए सभी पैकजों की हालत की जांच करने और प्रत्येक पैकेज की विनिर्माण विशिष्टियों को पढ़ने के लिए उनके बीच से होकर आ जा सके ।

The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.

तड़ित चालकों की भूमि के लिए प्रतिरोध यथासंभव न्यूनतम होगा और किसी भी दशा में 10 ओह्म से अधिक नहीं होगा ।

The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.

17. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुल्क घास या झाड़ी या ज्वलनशील सामग्री नहीं रहने दी जाएगी ।

A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.

18. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी ।

Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.

19. किसी मैगजीन / भंडारगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा ।

Not more than 4 persons shall be allowed inside the magazine or store house at any one time.

20. विस्फोटकों के खाली पैकजों को शीघ्रतिशीघ्र वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा ।

Empty packages of the explosives shall be removed at the earliest and destroyed. \

21. अनुज्ञाप्तिधारी और कर्मचारीयों को परिसर के भीतर आपातकाल के दौरान की जाने वाली प्रक्रियाओं से अवगत होना चाहिए ।

The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.

22. निरीक्षण या नमूना अधिकारी को सभी युक्तियुक्त समयों पर अनुज्ञात परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबंधों और सुरक्षा स्थितियों को सम्प्रकृत: अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी ।

Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.

23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञाप्तिधारक को अनुज्ञात परिसरों या मशीनरी, दूल या उपकरण में ऐसी कोई मरम्मत या परिवर्धन या परिवर्तन करने या सिफारिशों को लागू करने को लिखित रूप में सूचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञाप्तिधारक सिफारिशों को निष्पादित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा ।

If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the license shall execute the recommendations and report compliance within the period specified by such authority.

24. अनुज्ञाप्तिधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञात फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पलीते खरीदेगा ।

The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.

25. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले आतिशबाजियों पटाखों की बिक्री और रखने के लिए –  
(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डी.बी.(ए1) या 145 डी.बी.(सी)पी.के. प्रतिबंधित होंगे;  
(ख) श्रृंखला (जुड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 लॉग.10(एन) डी.बी. (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  $5 \log_{10} (N)$  dB, where N = number of crackers joined together.
26. आग या विस्फोट द्वारा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत पास के पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी।  
Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

**अतिरिक्त शर्तें / Additional Conditions :**

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

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

  
Deputy Chief Controller of Explosives  
एरणाकुलम Ernakulam

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

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

Safety distances required to be kept clear around magazine for high explosives or fire works or factory licence number E/SE/KL/22/39(E87415) in form LE-3 granted to Mithun. Managing Director, Vezhakkode Granites Pvt. Ltd., 279/384, Kannamparamb. Cheruvadi Post, Kodiyathur, Kerala-673662.

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

The Date : 09/06/2015

For Dy. Chief Controller of Explosives  
 Ernakulam

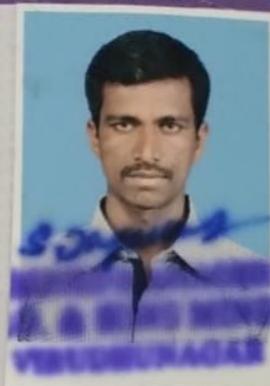
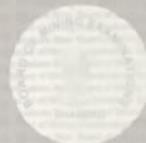
**Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.**

द्यु मुख्य विस्फोटक नियन्त्रक  
 Deputy Chief Controller of Explosives  
 एरनाकुलम Ernakulam

## ***Annexure-5***

*Certificate of Mines Manager*

Cert No. MR/SZ/0738



भारत सरकार/Government of India  
खान अधिनियम, 1952/Mines Act, 1952  
खनन परीक्षा बोर्ड/Board of Mining Examinations

खनन मेट सक्षमता प्रमाण-पत्र

**MINING MATE'S CERTIFICATE OF COMPETENCY**

(केवल ओपेनकास्ट खानों तक सीमित)

(Restricted to mines having opencast workings only)

(धात्विकीय खान विनियम, 1961 के अन्तर्गत)

(Under the Metalliferous Mines Regulations, 1961)

श्री

सुपुत्र

जिनकी जन्म तिथि

है, को अपनी

आयु, स्वस्थता, सदाचार, साक्षरता और धात्विकीय खानों में काम करने के विहित अनुभव का सन्तोषजनक प्रमाण प्रस्तुत करने एवं दिनांक

को

केन्द्र पर आयोजित

विहित परीक्षा में उत्तीर्ण होने पर एतद्वारा केवल ओपेनकास्ट खानों तक सीमित मेट सक्षमता प्रमाण-पत्र प्रदान किया जाता है।

Shri P. KALIRAJAN

son of T.PARAMAGURU

born on 01<sup>ST</sup> JUNE, 1986 (EIGHTY SIX) having given satisfactory evidence of his age, medical fitness, good character, literacy and prescribed experience of working in metalliferous mines and having passed the prescribed examination held at GVTC, TRICHY centre on 27.12.2016 is hereby granted MINING MATE'S CERTIFICATE OF COMPETENCY restricted to mines having opencast workings only.

बाएं हाथ का निशान

Left hand thumb impression

अंचल सचिव  
खनन परीक्षा बोर्ड  
Zonal Secretary  
Board of Mining  
Examinations

अंचल सचिव  
खनन परीक्षा बोर्ड  
दक्षिणी अंचल, बैंगलुरु  
Zonal Secretary  
Board of Mining Examination  
Southern Zone, Bengaluru.

Rajesh Gaha

अध्यक्ष  
खनन परीक्षा बोर्ड  
Chairman  
Board of Mining  
Examinations

Signed and Sealed  
Date 23/02/2017

# ***Annexure-6***

*Panchayat License*



നമ്പർ: 249/2022-2023/B4/2973/22

തീയതി: 20.10.2022

## ഉർങ്ങട്ടിരി ഗ്രാമപഞ്ചായത്ത്

ഉർങ്ങട്ടിരി പി.ഓ., മലപ്പുറം (ജില്ല)

പിന്: 673639, ഫോൺ: 0483 2850249, ഇ-മെയില്: mpmurangattirigp@gmail.com

**വ്യവസായം, വാണിജ്യം, സംരക്ഷണം, മറ്റ് സേവനങ്ങൾക്കുള്ള ലൈസൻസ്**

(കെ.പി.ആർ ആക്ക് സെക്ഷൻ 232, FTE & OS ലൈസൻസ് ചട്ടങ്ങൾ 1996)

|   |  |              |                |
|---|--|--------------|----------------|
| ലൈസൻസിയുടെ പേര്   | മിമുൻ  |              |                |
| ലൈസൻസിയുടെ മേൽവിലാസം  | എം ഡി വേഴക്കോട് ഗ്രാമെന്റ് സ്, കണ്ണാംപറമ്പിൽ ഹൗസ്, ചെറുവാടി, മാവുര് (via)-673661 |              |                |
| സ്ഥാപനത്തിന്റെ പേരും, സ്ഥലനാമവും  | വേഴക്കോട് ഗ്രാമെന്റ് സ് രൈപ്. ലിമിറ്റഡ്  |              |                |
| ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ  | കരിക്കൽ വനനം ചെയ്ത് വിപണനം നടത്തുന്നതിന്   |              |                |
| വാർധ്യ നമ്പർ/കെട്ടിട നമ്പർ  | V/ഉർങ്ങട്ടിരി വില്ലേജ് 161/2,3,4, 145/1  |              |                |
| ലൈസൻസ് കാലാവധി  | 20.10.2022   | മുതൽ         | 31.03.2027 വരെ |
| ലൈസൻസ് ഫീസ്   | തുക  | രഫറ്റ് നമ്പർ | തീയതി          |
|   | 25000/- രൂപ  | 1220101896   | 20.10.2022     |
|   |  |              |                |
| തൊഴിൽ നികുതി  | 12500/- രൂപ  | 1220101896   | 20.10.2022     |
|   |  |              |                |
| <b>ലൈസൻസ് അനുവദി-ക്കുന്നതിന് ഹാജരാക്കിയ നിരാക്ഷപ്പ് പ്രത്യേക്കുടെ വിശദാംശങ്ങൾ ( നമ്പർ, തീയതി, കാലാവധി, നൽകിയ അധികാര സ്ഥാപനം )</b>   |  |              |                |
| 1. Environmental Clearance EC22B001KL170109 DTD.23.08.2022 , E/KL/22/39(E87415) DTD.09.06.2015 of Dy. Chief Controller of Explosives valid up to 31.03.2023,PCB Consent file o.KSPCB/MA/ICO/10010269/2022 DTD.12.09.2022 VALID UPTO 31.07.2027<br>2. Letter of indent No.DOM/M-2690/17 DTD.21.03.2018 of Dept. of Mining & Geology Malappuram Dist. Office അനുവദപാത്രം ഈ ഓഫീസിൽ ഹാജരാക്കുന്ന മുറയ്ക്ക് മാത്രമേ വനന പ്രവർത്തനം നടത്താൻ പാടുള്ളൂ.<br>3. അനുവദ പ്രത്യേക്കുടെ കാലാവധി തീരുന്ന മുറയ്ക്ക് പുതുക്കി നൽകുന്നേബാൾ മാത്രം 5 വർഷ കാലാവധി ഉണ്ടായിരിക്കും. |  |              |                |



Secretary (In Charge)  
 Urangattiri Gramapanchayat Office  
 Urangattiri P.O, Malappuram-673639  
 ഉർങ്ങട്ടിരി ഗ്രാമപഞ്ചായത്ത്  
 ഫോൺ: 0483 2850249

## ലെസൻസി താഴെ പറയുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു.

- 1 കേരള പഞ്ചായത്ത് രാജ് ആട്കട്ടം അതേ തുടർന്നുള്ള ചടങ്ങളും ബൈബലകളും അനുസരിച്ചു പ്രവർത്തിക്കേണ്ടതാകുന്നു.
- 2 തൊഴിൽ സ്ഥലവും അതിലുള്ള സാധനസാമഗ്രികളും പഞ്ചായത്തധികാരികൾക്കോ/ബന്ധക്രമി അധികാരപ്പെട്ടതുനു മറ്റ് ഉദ്യോഗസ്ഥരെക്കോ പരിശോധിക്കുന്നതിന് ലെസൻസി വേണ്ട ബൈകൾ. നൽകേണ്ടതും അവർ ആവശ്യപ്പെട്ടാൽ ഈ ലെസൻസ് കാണിക്കേണ്ടതുമാണ്.
- 3 എത്ര സ്ഥലത്തിന്റെ കാര്യത്തിൽ ലെസൻസ് നൽകിയിരിക്കുന്നവോ അതു സ്ഥലത്ത് എല്ലാവരും കാണാത്തകൾ വിയത്തിലുള്ള ഒരു ഭാഗത്ത് ലെസൻസി തന്റെ പേരും, ലെസൻസിന്റെ നമ്പറും ഉദ്ദേശവും കാണിക്കുന്ന ഒരു അടയാളപ്പെടുത്തുന്ന വച്ചിരിക്കേണ്ടതാണ്.
- 4 പഞ്ചായത്തിൽ നിന്നും അനുവാദം ലഭിച്ചശേഷമല്ലാതെ തൊഴിൽ സ്ഥലം മാറ്റാൻ പാടില്ലാത്തതും തൊഴിൽ നിർത്തുന്ന പക്ഷം പിവരം മുൻകൂട്ടി പഞ്ചായത്തിൽ അറിയിക്കേണ്ടതുമാകുന്നു.
- 5 തൊഴിൽ സ്ഥലവും പരിസരങ്ങളും വ്യത്തിയായും സാംക്രമികരോഗാണുകൾ ഉണ്ടാക്കാത്ത വിയത്തിലും പൊതുജനോപദ്രവമാകാത്ത വിയത്തിലും വ്യപാരത്തിനു വച്ചിട്ടുള്ള ഭക്ഷണപാർത്തമാണ് ഈ ചു.അണുകളെ,പൊടി മുതലായവയുടെ ശല്യം ഉണ്ടാക്കാത്ത വിയത്തിലും സുക്ഷിക്കേണ്ടതാണ്.
- 6 ഒരോ പ്രവർത്തിഡിവസത്തിന്റെയും ഒരുവിൽ സ്ഥലം വ്യത്തിയാക്കേണ്ടതാണ്.
- 7 ആ സ്ഥലത്തിന്റെയോ പരിസരത്തിന്റെയോ, എത്രക്കിലും ഭാഗത്ത് വീഴുകയോ നിക്ഷേപിക്കുകയോ ചെയ്യുന്ന ചപ്പുചവരോ, മുഖങ്ങളുടെ അവശിഷ്ടങ്ങളോ മറ്റ് പദാർത്ഥമോ ശേഖരിച്ച്, ബന്ധക്രമിക്ക് തൃപ്തികരമായ റിതയിൽ നിക്കം ചെയ്യിക്കേണ്ടതാണ്.
- 8 ലെസൻസി എത്രാരു കെട്ടിടത്തിന്റെയും ചുവരുകളുടെ അകവശത്തിന്റെ എത്രാരു ഭാഗവും മേൽപ്പറഞ്ഞ പരിസരത്തിലുള്ള തരയും നടപ്പാതയും അവിടെ തെറിച്ചുവിഴാനിടയുള്ള എത്രക്കിലും ഭാവകമോ, മാലിന്യമോ, ചപ്പുചവരോ, അസഹ്യവും, ഉപദ്രവകരവുമാം എത്രക്കിലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് തടയ്ക്കപ്പെടിയം എപ്പോഴും നന്നായി കേടുപാട് തീർത്ത് നിലനിർത്തേണ്ടതാണ്.
- 9 ലെസൻസി മേൽപ്പറഞ്ഞ സ്ഥലത്തോ, പരിസരത്തോ അതോടു ചേർന്നോ ഉള്ള എത്രാരു ഓവുചാലും, അംഗുഖലം കളയുന്നതിനുള്ള ഉപകരണവും എപ്പോഴും നന്നായി കേടുപാട് തീർത്ത് വയ്പിക്കേണ്ടതാണ്.
- 10 അയിത്തം ആചാരിക്കുന്ന കടകളുടെ ലെസൻസ് ഒദ്യുചെയ്യുന്നതാണ്.
- 11 എത്രക്കിലും തരത്തിലുള്ള ത്രക്ക് രോഗമോ കൂഷം രോഗമോ വണമോ പകർച്ച വ്യാധികളോ ഉള്ള യാത്രാരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന സ്ഥലത്തും പരിസരത്തും പ്രവർത്തിക്കുവാൻ പാടില്ലാത്തതാകുന്നു.
- 12 17/02/2019 ലെ സ.എ. (രെക) നേ.7/2019 പരിനധിതി ഉത്തരവ് പ്രകാരം ഒറ്റത്തവണ ഉപയോഗിക്കുന്ന നിരോധിത പസ്തുകൾ ഉൽപ്പാദിപ്പിക്കുകയോ ശേഖരിക്കുകയോ വിൽക്കുകയോ കൈകാര്യം ചെയ്യുകയോ ചെയ്യാൻ പാടില്ല.
- 13 സ്ഥാപനത്തിന്റെ ബോർഡിൽ സ്ഥലനാമം മലയാളത്തിലും ഇംഗ്ലീഷിലും രേഖപ്പെടുത്തേണ്ടതാണ്.
- 14 20 നീറ്റിൽ കൂടുതലുള്ള എല്ലാ ഹോട്ടലുകൾക്കും റെസ്യൂറ്റീകൾക്കും ഫോറ്മുൾ സൗകര്യം എർപ്പെടുത്തേണ്ടതാണ്.
- 15 നിരോധിത ഉൽപ്പന്നങ്ങളായ പാസ്റ്റമസാല, ശുഡ്വല തുടങ്ങിയവ സംഭരിച്ചുവയിക്കുവാനോ വിൽക്കുവാനോ പാടില്ല.
- 16 ബാലവേല അനുവദിക്കാൻ പാടില്ല.
- 17 മുകളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളുടെ ലാംഗാം ഈ ലെസൻസ് റേഡ് ചെയ്യപ്പെടുന്നതിന് കാരണമാക്കുന്നതാണ്.



N.B:- ഈ ലെസൻസ് അവസ്ഥാനിക്കുന്ന തീയതിക്ക് 30 ദിവസം മുമ്പ് ലെസൻസ് പുതുക്കുന്നതിന് ഫോൺ നമ്പർ 2850249 ഒരുക്കുവരുമെന്നുണ്ടെന്നതാണ്.

Secretary  
Urangattiri Gramapanchayat Office  
ഉർജ്ജങ്ങാട്ടിരി ഗ്രാമപഞ്ചായത്ത്, Malappuram-673639  
Ph: 0490-2850249

## ***Annexure- 7***

*NONEL Payment Proof*

# TAJ TRADING

MELMURI,MALAPPURAM

PIN:676517 EXPL NO: E/SC/KL/21/223(E72750)  
GST:32BVTPS7513P1ZO KERLA-32  
PH:0482733553 MOB:9745171553,7012045435



ACK No : 152417750018670  
ACK Dt : 2024-04-23 08:07:00  
IRN : 1db99863212d263e6850fed3742500c5bbeed5df42f5c2bdbc31b9e87c169b2b

## INVOICE

Original for Recipient  
Duplicate for Supplier/Transporter  
Triplicate for Supplier

|                  |                      |                       |
|------------------|----------------------|-----------------------|
| Reverse Charge : |                      | Transportation Mode : |
| Invoice No. :    | 249                  | Vehicle Number :      |
| Invoice Date :   | 23-04-2024           | Date of Supply :      |
| State :          | State / Union Territ | Place of Supply :     |

State Code :

| Details of Receiver   Billed to:   |  |  |  | Details of Consignee   Shipped to: |  |  |  |
|--|--|--|--|------------------------------------|--|--|--|
| Name : MITHUN MANAGING DIRECTOR  |  |  |  | Name :                             |  |  |  |
| Address : Vezhakkode Granites PVT LTD Cheruvadi Kodiyathur post EXP LNO:E/SE/KL/22/39(E87415) AT Oorngattiri |  |  |  | Address :                          |  |  |  |
| GSTIN : 32AAECV3954D1ZJ  |  |  |  | GSTIN :                            |  |  |  |
| State : 32-Kerala  |  |  |  | State :                            |  |  |  |

State Code :

State Code :

| Sr. No. | Name of Product / Service | HSN ACS  | Qty | UOM | Rate  | Amount   | Less: Discount | Taxable Value | CGST |         | SGST |         | IGST |        | Total    |
|---------|---------------------------|----------|-----|-----|-------|----------|----------------|---------------|------|---------|------|---------|------|--------|----------|
|         |                           |          |     |     |       |          |                |               | Rate | Amount  | Rate | Amount  | Rate | Amount |          |
| 1       | C-DET OMEGA 4mtr          | 36030031 | 350 | NOS | 38.14 | 13349.00 | 0.00           | 13349.00      | 9.00 | 1201.41 | 9.00 | 1201.41 |      |        | 15751.82 |
|         |                           |          |     |     |       |          |                |               |      |         |      |         |      |        |          |

1 of 1 Pages

Total :

13349.00

13349.00

1201.41

1201.41

0.00 15751.82

Total Invoice Amount in Words:

Fifteen Thousand Seven Hundred Fifty Rupees Only

|                           |          |
|---------------------------|----------|
| Total Amount Before Tax : | 13349.00 |
| Add : CGST :              | 1201.41  |
| Add : SGST :              | 1201.41  |
| Add : IGST :              | 0.00     |
| Add : KFCess :            | 0.00     |
| Total Amount After Tax :  | 15750.00 |

GST Payable on Reverse Charge :

Certified that the particulars given above are true and correct.

For, TAJ TRADING



(Common Seal)

Authorised Signatory

[ E&OE ]

## ***Annexure-8***

*Environmental Management Cell*

02/10/2023

02/10/2023 තැපෑල් 21 පිටත අංශ බෙදාහැරුම් කේ  
 → නොවුම්

1. ගැලුව
2. සුඩු ගුවන්
3. බුදු ප්‍රිතිත්
4. ගුණාක් ප්‍රාන්තය

~~Shan~~ Mithun  
Shan  
Shan

සූජු බෙදාහැරුම් සියලුම මුදල් සඳහා  
 2023 ජාත්‍යන්තර ආවැනික බ්‍රේල තුවැවෙශ වෛ-  
 වෘත්තීය රුහුණු ප්‍රාග්ධනයෙන් යෝජි-  
 කුණු හිතුමායුණු.

### සූජුවෙනු

1. මුදල් ප්‍රාග්ධන වෛවැවෙනු මුදල් සඳහා  
 ප්‍රාග්ධන වෛවැවෙනු මුදල් සඳහා මුදල්  
 තිබුණු.
2. ගුඩ තිබුණු (100) ප්‍රාග්ධන තුළ ප්‍රාග්ධන  
 ප්‍රාග්ධන තුළ තුළ තුළ තුළ තුළ තුළ  
 ප්‍රාග්ධන තුළ තුළ තුළ තුළ තුළ තුළ  
 තිබුණු.
3. මුදල් ප්‍රාග්ධන වෛවැවෙනු මුදල්  
 මුදල් තිබුණු.

(ුතු තුළ තුළ තුළ , ගුඩ තුළ තුළ  
 තුළ තුළ තුළ තුළ තුළ තුළ තුළ  
 තුළ තුළ තුළ තුළ තුළ තුළ)

10/01/2024

10/01/2024 മുമ്പ് 621m EMC ബോർഡ്  
പ്രസ്താവന

1. ശ്രീകുമാർ
2. കെ.വി.എസ്.
3. അശ്വിൻ
4. വിനോദ്
5. എസ്.എസ്.
6. ജയരാജ് കുമാർ

M. Shrinivas

~~A. S. Raj~~

(Ashwin K)

S. Vinod

E. S. S.

Jayaraj Kumar

ഈ ബോർഡ് ബോർഡ് പ്രസ്താവന സ്വീകരിച്ചു. 2024 ഓഗസ്റ്റ് ഒന്നാം ബന്ധം ആവശ്യത്തിലുണ്ട്. ബന്ധം ആവശ്യത്തിലുണ്ട്. ബന്ധം ആവശ്യത്തിലുണ്ട്. ബന്ധം ആവശ്യത്തിലുണ്ട്.

### ക്ലൗഡ് പദ്ധതി

1. ദേശീയ വിൽക്കുമ്പിൽ ബന്ധം ബോർഡ് അനുഭവം ഉണ്ടുണ്ട് എന്ന് കൊണ്ട് ക്ലൗഡ് പദ്ധതി. ബന്ധം വിൽക്കുമ്പിൽ ബന്ധം ബോർഡ് അനുഭവം ഉണ്ടുണ്ട് ക്ലൗഡ് പദ്ധതി.
2. ദേശീയ വിൽക്കുമ്പിൽ ബന്ധം ബോർഡ് അനുഭവം ഉണ്ടുണ്ട് ക്ലൗഡ് പദ്ധതി.
3. ദേശീയ വിൽക്കുമ്പിൽ ബന്ധം ബോർഡ് അനുഭവം ഉണ്ടുണ്ട് ക്ലൗഡ് പദ്ധതി.

କାଳି ପାଇଁ ମୁଖ୍ୟ, ଅନ୍ୟ କାରାଜାତମ-  
କ୍ଷେ ପାଇଁ ମୁଖ୍ୟ, ଅନ୍ୟ କାରାଜାତମ-  
କାଳି ପାଇଁ.

## ***Annexure-9***

*Environmental Management Cell*

02/10/2023

02/10/2023 තැපෑල් 21 පිටත අංශ බෙදාහැරුම් කේ  
 → නොවුම්

1. වැළඳු
2. උග්‍රතාන්ත්‍රය
3. ප්‍රජාත්‍යාමාත්‍රණය
4. ගුණාක්‍රම මෘදුකාංග

~~එක්ස්ප්‍රෝ~~ ~~එක්ස්ප්‍රෝ~~ ~~එක්ස්ප්‍රෝ~~  
Mithun  
Arun

සූජ්‍ය බෙදාහැරුම් සඳහා තියුණු කළ මුදලයි.  
 2023 ජාත්‍යන්තර ආවැනික බ්‍රජ්‍ය තිබුණු ප්‍රජාත්‍යාමාත්‍රණය නැවැත්තුව ප්‍රාග්ධනයෙන් යොදාගැනීමෙන් නැවැත්තුව නැවැත්තුව නැවැත්තුව නැවැත්තුව.

### සූජ්‍ය බෙදාහැරුම්

1. මුදලයෙන් නැවැත්තුව ප්‍රාග්ධනයෙන් නැවැත්තුව නැවැත්තුව නැවැත්තුව නැවැත්තුව නැවැත්තුව නැවැත්තුව නැවැත්තුව නැවැත්තුව.
2. ඡූජ්‍ය තියුණු නැවැත්තුව ප්‍රාග්ධනයෙන් නැවැත්තුව නැවැත්තුව නැවැත්තුව නැවැත්තුව නැවැත්තුව නැවැත්තුව නැවැත්තුව නැවැත්තුව නැවැත්තුව.
3. මුදලයෙන් නැවැත්තුව ප්‍රාග්ධනයෙන් නැවැත්තුව නැවැත්තුව.

(ශ්‍රී ලංකා ආර්ථික ආයතනය, ප්‍රාග්ධන ආයතනය, නිශ්චල්‍ය ආයතනය, නැගැත්තුව නැගැත්තුව නැගැත්තුව)

10/01/2024

10/01/2024 മുമ്പ് 621m EMC ബോർഡ്  
പ്രസ്താവന

1. ശ്രീകുമാർ
2. കെ.വി.കുമാർ
3. അശ്വിൻ
4. വിനോദ്
5. വിവരക്കാർ
6. ഫുരൂസ് അബ്ദുൾ

M. Shrinivas

~~A. S. K.~~

(Ashwin K)

S. Vinod

Vinod

Abdul

ഈ ബോർഡ് ബോർഡ് പ്രസ്താവന സ്വീകരിച്ചു. 2024 ഓഗസ്റ്റ് ഒന്നാം ബന്ധം ആവശ്യത്തിലുണ്ട്. ബന്ധം ആവശ്യത്തിലുണ്ട്. ബന്ധം ആവശ്യത്തിലുണ്ട്. ബന്ധം ആവശ്യത്തിലുണ്ട്.

### ക്ലൗഡ് പദ്ധതി

1. ഭൗമ വിൽക്കുകളിൽ ബന്ധം ബന്ധം ആവശ്യത്തിലുണ്ട്. ബന്ധം ആവശ്യത്തിലുണ്ട്. ബന്ധം ആവശ്യത്തിലുണ്ട്. ബന്ധം ആവശ്യത്തിലുണ്ട്.
2. ഉമ്മോ ഉട്ടേരം ബന്ധം ആവശ്യത്തിലുണ്ട്. ബന്ധം ആവശ്യത്തിലുണ്ട്.
3. ഭൗമ വിൽക്കുകളിൽ ബന്ധം ആവശ്യത്തിലുണ്ട്. ബന്ധം ആവശ്യത്തിലുണ്ട്. ബന്ധം ആവശ്യത്തിലുണ്ട്.

କାଳି ପ୍ରାଚୀ ମୁଖ୍ୟ, ଅନ୍ତର୍ଜାତି-  
ଯେ ପାଇଁ ମନ୍ଦିର  
ଲାଗିଥିଲା.

## ***Annexure-9***

*Environmental Management Result*

# Standards



## TEST REPORT

ULR No: TC1293924000008047F

LRI No.: SEAAL24040618A

Date: 06-04-2024

Page 1 of 1

### CUSTOMER DETAILS

|                         |  |  |  |
|-------------------------|--|--|--|
| Customer Name & Address | <b>Mr.Mithun</b><br>Managing Director M/s Vezhakood Granites<br>Ernad,Kozhikode District |  |  |
| Customer Reference      | Test Request date: 28-03-2024  |  |  |

### SAMPLE DETAILS

|                              |                        |                    |            |
|------------------------------|------------------------|--------------------|------------|
| Product Category             | Atmospheric Pollution  | Sample Code        | EN24031542 |
| Sample Name                  | Ambient Air            | Sample Received on | 29-03-2024 |
| Sample Conditions at Receipt | Fit for Analysis       | Test Commenced on  | 30-03-2024 |
| Sampled by                   | Lab Authorized Sampler | Test Completed on  | 06-04-2024 |

### DETAILS OF SAMPLING

|                    |                      |                  |            |
|--------------------|----------------------|------------------|------------|
| Sampling Location  | Project Site         | Date of Sampling | 28-03-2024 |
| Sampling Procedure | SEAAL/CHL/SOP/7.3/02 | Humidity         | 70 %       |

### SAMPLING SITE DETAILS

|            |                         |       |        |
|------------|-------------------------|-------|--------|
| Survey No. | 161/2,161/3,161/4,145/1 |       |        |
| Village    | Urangattiri             | Taluk | Ernad  |
| District   | Kozhikode               | State | Kerala |

### TEST RESULTS-CHEMICAL DISCIPLINE

| SL NO | PARAMETERS                            | TEST METHOD             | UNIT              | RESULT | KSPCB LIMIT |
|-------|---------------------------------------|-------------------------|-------------------|--------|-------------|
| 1     | Particulate matter, PM <sub>10</sub>  | IS 5182 (Part 23): 2006 | µg/m <sup>3</sup> | 64.1   | 100 (Max)   |
| 2     | Particulate matter, PM <sub>2.5</sub> | IS 5182 (Part 24): 2019 | µg/m <sup>3</sup> | 30.9   | 60.0 (Max)  |
| 3     | Sulphur dioxide as SO <sub>2</sub>    | IS 5182 (Part 2): 2001  | µg/m <sup>3</sup> | 6.18   | 80.0 (Max)  |
| 4     | Oxides of Nitrogen as NO <sub>2</sub> | IS 5182 (Part 6): 2006  | µg/m <sup>3</sup> | 7.52   | 80.0 (Max)  |

\*\*\*End of Report\*\*\*

Nesny A.K.  
Chemist

Checked by



Laiju P.N.  
Laboratory Head  
Authorized Signatory

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

# Standards



## TEST REPORT

ULR No: TC1293924000008048F

LRI No.: SEAAL24040619A

Date: 06-04-2024

Page 1 of 2

### CUSTOMER DETAILS

|                         |  |  |  |
|-------------------------|--|--|--|
| Customer Name & Address | <b>Mr.Mithun</b><br>Managing Director M/s Vezhakood Granites<br>Ernad,Kozhikode District |  |  |
| Customer Reference      | Test Request date: 28-03-2024  |  |  |

### DETAILS OF MONITORING

|                     |                       |                         |                        |
|---------------------|-----------------------|-------------------------|------------------------|
| Product Category    | Atmospheric Pollution | Sample Code             | EN24031543             |
| Sample Name         | Ambient Noise         | Monitoring Commenced on | 28-03-2024             |
| Test Method         | IS 9989:1981          | Monitoring Completed on | 29-03-2024             |
| Monitoring Location | Project Site          | Monitored by            | Lab Authorized Sampler |

### SAMPLING SITE DETAILS

|            |                         |       |        |
|------------|-------------------------|-------|--------|
| Survey No. | 161/2,161/3,161/4,145/1 |       |        |
| Village    | Urangattiri             | Taluk | Ernad  |
| District   | Kozhikode               | State | Kerala |

### MONITORING RESULTS - Leq

| TIME  | RESULTS dB(A) | TIME  | RESULTS dB(A) | TIME  | RESULTS dB(A) |
|-------|---------------|-------|---------------|-------|---------------|
| 06:00 | 38.3          | 14:00 | 51.4          | 22:00 | 37.1          |
| 07:00 | 41.1          | 15:00 | 51.7          | 23:00 | 36.7          |
| 08:00 | 45.4          | 16:00 | 52.9          | 24:00 | 39.3          |
| 09:00 | 49.0          | 17:00 | 53.3          | 01:00 | 40.1          |
| 10:00 | 51.4          | 18:00 | 47.8          | 02:00 | 39.7          |
| 11:00 | 54.5          | 19:00 | 44.2          | 03:00 | 40.4          |
| 12:00 | 51.7          | 20:00 | 40.3          | 04:00 | 39.3          |

Nesny A.K.  
Chemist

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Laboratory Head

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# Standards



## TEST REPORT

ULR No: TC1293924000008048F

LRI No.: SEAAL24040619A

Date: 06-04-2024

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### MONITORING RESULTS - Leq

|       |      |       |      |       |      |
|-------|------|-------|------|-------|------|
| 13:00 | 51.0 | 21:00 | 39.8 | 05:00 | 41.2 |
|-------|------|-------|------|-------|------|

| Sl. No. | PARAMETERS                           | UNIT  | RESULT |
|---------|--------------------------------------|-------|--------|
| 1       | Ambient Sound Level (Leq) Day Time   | dB(A) | 49.8   |
| 2       | Ambient Sound Level (Leq) Night Time | dB(A) | 39.7   |

Remarks:

\*\*\*End of Report\*\*\*

# Standards

Nesny A.K.  
Chemist

Checked by



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Laboratory Head  
Authorized Signatory

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# Standards



## TEST REPORT

ULR No: TC129392400008046F

LRI No.: SEAAL24040617A

Date: 06-04-2024

Page 1 of 2

### CUSTOMER DETAILS

|                         |   |
|-------------------------|---|
| Customer Name & Address | Mr.Mithun<br>Managing Director M/s Vezhakood Granites<br>Ernad,Kozhikode District |
| Customer Reference      | Test Request Date: 28-03-2024   |

### SAMPLE DETAILS

|                                  |                                  |                       |                         |
|----------------------------------|----------------------------------|-----------------------|-------------------------|
| Product Category                 | Water                            | Sample Code           | WT24030777              |
| Sample Name                      | Ground Water                     | Sample Received on    | 29-03-2024              |
| Sample Description by Customer   | Bore Well Water                  | Temperature @ Receipt | 28°C                    |
| Sample Conditions at Receipt     | Fit for Analysis                 | Test Commenced on     | 30-03-2024              |
| Sample Quantity& Packing         | 2 L & 125 ml in a Plastic Bottle | Test Completed on     | 06-04-2024              |
| Information Provided by Customer | ---                              | Sampled by            | Not Drawn by Laboratory |

### SAMPLING SITE DETAILS

|            |                         |       |        |
|------------|-------------------------|-------|--------|
| Survey No. | 161/2,161/3,161/4,145/1 |       |        |
| Village    | Urangattiri             | Taluk | Ernad  |
| District   | Kozhikode               | State | Kerala |

### TEST RESULTS- CHEMICAL DISCIPLINE

| Sl. No. | PARAMETERS | TEST METHOD            | UNIT  | RESULT    | Requirement as per Acceptable Limit of IS 10500: 2012 |
|---------|------------|------------------------|-------|-----------|---|
| 1       | Colour     | IS 3025 (Part 4): 2021 | Hazen | 1         | 5 (Max)   |
| 2       | Odour      | IS 3025 (Part 5): 2018 | ---   | Agreeable | Agreeable   |



Nesny A.K.  
Chemist

Checked by



Remya B.  
TM-Biological

Authorized Signatory



Laiju P.N.  
Laboratory Head

Authorized Signatory

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# Standards



## TEST REPORT

ULR No: TC129392400008046F

LRI No.: SEAAL24040617A

Date: 06-04-2024

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### TEST RESULTS- CHEMICAL DISCIPLINE

| Sl. No. | PARAMETERS                            | TEST METHOD                   | UNIT  | RESULT | Requirement as per Acceptable Limit of IS 10500: 2012 |
|---------|---------------------------------------|-------------------------------|-------|--------|---|
| 3       | Turbidity                             | IS 3025 (Part 10): 2023       | NTU   | 0.60   | 1.0 (Max)   |
| 4       | pH                                    | IS 3025 (Part 11): 2022       | ---   | 6.75   | 6.50–8.50   |
| 5       | Conductivity                          | IS 3025 (Part 14): 2013       | µS/cm | 164    | ---   |
| 6       | Total Dissolved Solids                | IS 3025 (Part 16): 2023       | mg/L  | 105    | 500 (Max)   |
| 7       | Total Hardness as CaCO <sub>3</sub>   | IS 3025 (Part 21): 2009       | mg/L  | 44.2   | 200 (Max)   |
| 8       | Calcium as Ca                         | IS 3025 (Part 40): 1991       | mg/L  | 14.4   | 75 (Max)  |
| 9       | Magnesium as Mg                       | IS 3025 (Part 46): 2023       | mg/L  | 1.96   | 30 (Max)  |
| 10      | Chloride as Cl                        | IS 3025 (Part 32): 1988       | mg/L  | 31.3   | 250 (Max)   |
| 11      | Total Alkalinity as CaCO <sub>3</sub> | IS 3025 (Part 23): 2023       | mg/L  | 26.5   | 200 (Max)   |
| 12      | Iron as Fe                            | IS 3025 (Part 53): 2003       | mg/L  | 0.37   | 1 (Max)   |
| 13      | Sulphate as SO <sub>4</sub>           | IS 3025 (Part 24/Sec 1): 2022 | mg/L  | 3.50   | 200 (Max)   |

### TEST RESULTS – BIOLOGICAL DISCIPLINE

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

Remarks:

\*\*\*End of Report\*\*\*

Nesny A.K.  
Chemist

Checked by



Remya B.  
TM-Biological

Authorized Signatory

Laiju P.N.  
Laboratory Head

Authorized Signatory

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# ***Annexure-'10***

*Site Photos*



Rain water harvesting



Dumping area



Internal road



Afforestation



Benches



Benches