

**2<sup>ND</sup> COMPLIANCE**  
**REPORT**

QUARRY PROJECT OF  
**Mr. M.P LALU**

Re-Survey No: 74/1D pt,74/608 pt, Re-Survey Block No:37  
Extent:1.4336 hectares Kuttur Village, Eramam Kuttur  
Panchayath, Payyannur Taluk, Kannur District, Kerala

**Ref: EC. No: 76/Q/2023**  
**Proposal No: SIA/KL/MIN/149209/2019**  
**(File No: 1700/ EC4/2020/SEIAA)**  
**DATED: 20.09.2023**

**PERIOD**  
**APRIL 2024 TO**  
**SEPTEMBER 2024**

Date :17-10-2024

From

Mr.M.P.Lalu  
Mankudy House ,Kodanad P.O,Kurichilakode ,  
Ernakulam, Kerala- 683544  
(Represented by Owner & authorized signatory Mr.M.P.Lalu )

To

Ministry of Environment, Forest and Climate Change  
Regional Office,  
Kendriya Sadan. 4<sup>th</sup> Floor, E & F Wings,  
17<sup>th</sup> Main Road, II Block, Koramangala,  
Bangalore

Sub: Regarding complaince report submission April 2024-September 2024  
Ref: EC No 76/Q/2023 [1700/EC4/2020/SEIAA] dated 20/09/2023

Submission of 2<sup>nd</sup> compliance report of Granite building stone Quarry project of Sri.M.P.Lalu from April 2024-September 2024.The compliance report to the specific ,general conditions of the Environment Clearance is enclosed herewith .

Thanking You  
Your's respectfully,

Mr.M.P.Lalu  
(Owner & Authorised Signatory)

Copy to:-  
The Member Secretary  
State Environment Impact assessment Authority (SEIAA)  
Thiruvananthapuram, Kerala.

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## I. ABOUT THE PROPONENT

Mr. M. P. Lalu, Owner & Authorized signatory of Granite Building Stone Quarry residing at Mankudy House, Kodanad P.O, Kurichilakode, Ernakulam-683544.

State Level Environment Impact Assessment authority (SEIAA), accorded Environmental Clearance No 76/Q/2023 (File No: 1700/EC4/2020/SEIAA) dated: 20/09/2023 to the quarry project in Re survey Block No: 37, Re Survey Nos: 74/1Dpt, 74/608pt, Kuttur Village, Payyannur Taluk, Eramam Kuttur Panchayat, Kannur District, Kerala State managed and owned by Mr. M.P. Lalu

## II. ABOUT THE PROJECT

### **a. Project Category:**

The project comes under the Category B2, Activity 1(a), (i) of Schedule of EIA Notification 2006 and subsequent amendments.

### **b. Project Location:**

Re survey Block No: 37, Re Survey Nos: 74/1Dpt, 74/608pt, Kuttur Village, Payyannur Taluk, Eramam Kuttur Panchayat, Kannur District, Kerala State

The proposed project site falls within latitude and longitude value:

<b>Latitude (N)</b>	N 12°11'26.48" to N 12°11'26.40"
<b>Longitude (E)</b>	E 75°20'5.85" to E 75°20'6.15"

### **c. Project Extent and Activity:**

The project is for quarrying of 33,665MTA of building stone from an area of 1.4336 hectares of land located as specified above. The proposed Project life of the quarry will be 12 Years.

### **d. Project Description:**

The project activity involves about 100 % of the pit area for exploring building stone. At the end of life of mine, excavated pit will be fully reclaimed and rehabilitated by plantation. The project does not involve any underground mining activities. The mining is done by open cast semi mechanized method.

### III. REPORT OF COMPLIANCE

#### A. SPECIFIC CONDITIONS

ITEM NO	STIPULATIONS IN EC	STATUS OF COMPLIANCE
S-1	All the observations/directions made by the Joint Committee and the NGT for the adjacent quarry should be followed during the operation of the quarry.	All the observations/directions made by the Joint Committee and the NGT for the adjacent quarry will be followed during the operation of the quarry.
S-2	The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.	All the quarrying activities are carrying out as per the approved mining plan and strictly follow the Kerala Minor Mineral Concession Rules 2015.
S-3	The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.	The EC will be valid from the date of execution of permit/ lease from the Department of Mining and Geology. The copy of lease order will be provided to the SEIAA before commencing the mining activity. <b>ANNEXURE 2.</b>
S-4	The EC issued will be subject to a review by SEAC after 5 years through field verification to ensure that mining is carried out sustainably as per the EC conditions	Scrupulously follows the directions contained and there will not be any actions take forward against it.
S-5	Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.	Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain
S-6	Compensatory afforestation/green belt plan should be implemented from the 1st year itself and the coordinates and geo-tagged	Compensatory afforestation/green belt plan will be implemented from the 1st year itself and the coordinates and geo-tagged photographs of the

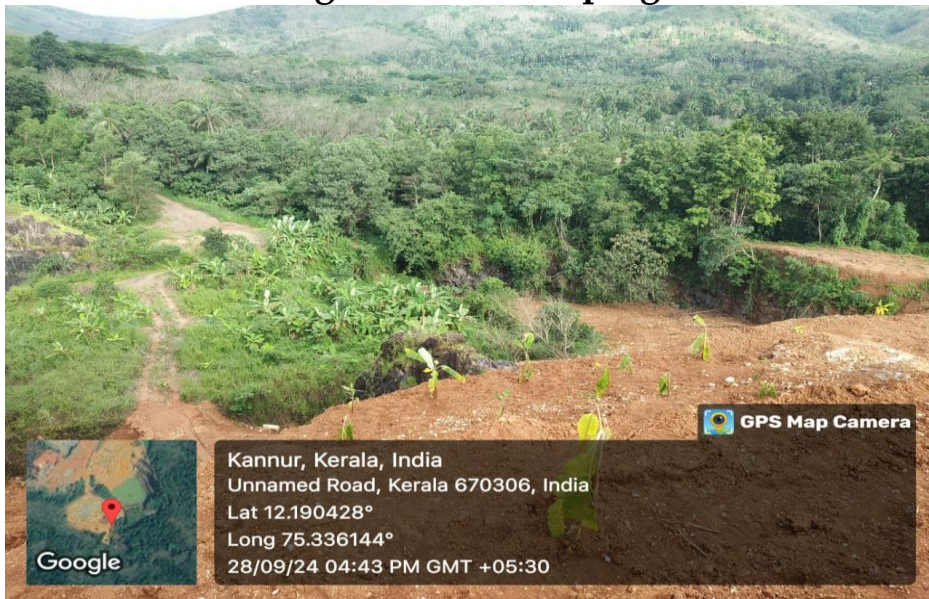
photographs of the proposed site shall be submitted along with the HYCR.	proposed site will be submitted along with the HYCR.
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**Figure 1:Green Belt**



S-7	Garland drain should be enlarged to carry the entire overland flow of the adjacent slopy region of the quarry.	Garland drain will be enlarged to carry the entire overland flow of the adjacent slopy region of the quarry.
S-8	Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.	Garland drain, silt-traps, siltation ponds and outflow channel will be desilted periodically and geo-tagged photographs of the process will be included in the HYCR.
S-9	Monitoring of drainage water should be carried out at different seasons by an NABL accredited lab and clear water should only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site should be submitted along with HYCR.	Monitoring of drainage water will be carried out at different seasons by an NABL accredited lab and clear water will only be discharged into the natural stream. Geotagged photographs of the drainage and sampling site will be submitted along with HYCR. <b>ANNEXURE 10.</b>
S-10	The overburden dumping site should be protected with gabion walls to prevent erosion.	The overburden dumping site will be protected with gabion walls to prevent erosion.

**Figure 2: OB dumping**



S-11	Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).	Transportation of mined material will not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
S-12	The haulage road should be developed prior to the commencement of mining and it should be maintained well and dust-free with sprinkling arrangement.	The haulage road was developed and it was maintained well and dust-free with sprinkling arrangement.



**Figure 3:Access road**



S-13	Adequate sanitation, waste management and rest room facilities should be provided to the workers	Adequate sanitation, waste management and rest room facilities will be provided to the workers
S-14	Adequate energy conservation measures proposed should be implemented including solar power installations for street lights and office. At least 20% of the energy requirement of the project should be met from the solar power.	Scrupulously follows the directions contained.
S-15	Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.	Scrupulously follows the directions contained
S-16	The Environment Management Cell (EMC) should include an Environment expert and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR	The Environmental Monitoring Cell (EMC) was formed with Mr.Lalu M.P. (Owner and authorized signatory) as head of the monitoring cell. The EMC meeting convenes regularly to evaluate and monitor quarrying work in connection with the specific and general conditions stipulated in the Environmental Clearance (EC) order. INDEX.IV.c

Sl. No	Post	Name
1	Head of the monitoring cell	Lalu M.P
2	Head in charge (Environment)	Madhusoodhanan K
3	Senior Environmental Officer	Vijith Kumar V
4	Environmental Officer	Mohanan T K
5	Name of the environmental officer in charge	Nishadh
6	Name of the officer Environment, Health and safety	Jithin
7	Name of the Assistant Officer of Environment, Health and safety	Sasidharan
8	Name of the environmental consultant	Mahesh.S

S-17	Buffer zones should be demarcated and green belt should be developed by planting trees, climbers and herbs of local species as mentioned in the biodiversity assessment report.	Buffer zones will be demarcated and green belt will be developed by planting trees, climbers and herbs of local species as mentioned in the biodiversity assessment report.
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**Figure 1:Green belt**





S-18 | Boundary Pillars should be properly marked and fencing should be done properly

Boundary Pillars will be properly marked and fencing will be done properly

**Figure 4 :Boundary pillars**



S-19	Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.	Blasting mats will be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.
S-20	As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.	Scrupulously follows the directions contained.
S-21	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	Scrupulously follows the directions contained.
S-22	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	Scrupulously follows the directions contained.

	<p>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>	
S-23	<p>The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.</p>	<p>Scrupulously follows the directions contained.</p>

## B. GENERAL CONDITIONS

Item No	Stipulations in EC	Status of Compliance
G-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.	The proponent has provided notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC have been scrupulously followed. <b>ANNEXURE 5</b>
G-2	All the statutory clearances should be obtained, as applicable, by the project proponent from the respective competent authorities including that for blasting and storage of explosives. Copies of all statutory clearances shall be submitted along with First Half Yearly Compliance Report.	All statutory clearances, approvals, licenses are obtained from concerned authorities. All conditions stipulated in such approvals are strictly followed. <ul style="list-style-type: none"><li>• Explosive license issued by Petroleum and Explosive safety Organization (formerly Department of Explosives) <b>LicenseNo:E/SE/KL/22/301(E1288 60) dated 11/11/2020 valid up to 31/03/2025ANNEXURE 8</b></li><li>• D&amp;O License issued from Eramam Kuttur Grama Panchayath <b>License(No:JC1/1031/2024....108, dated 02/05/2024 valid up to 31/03/2025)ANNEXURE 4</b></li></ul>
G-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 in at least two local newspapers widely circulated in the region, one of	Advertisements in two local newspapers regarding Environmental Clearance accorded to the quarry project were given within the stipulated period and the copies of the same were submitted at SEIAA Kerala.

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.

Figure 5 :Advertisement in local newspapers

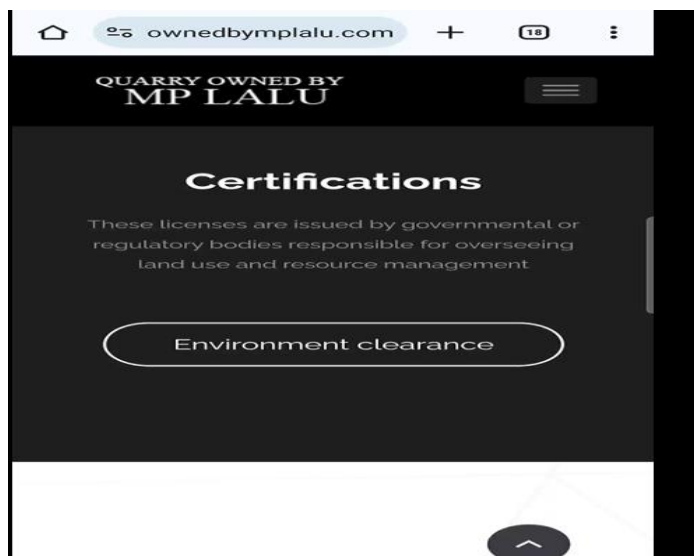


G-4

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.

A copy of the Environment Clearance letter was submitted to the Municipality Office. The project proponent did not receive any suggestions / representation from anywhere while the processing the proposal therefore does not give the copy of clearance latter to anyone. The project proponent has also uploaded Environmental Clearance in the website of the company.

**Figure 6 : EC uploaded in Website**



G-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.

As part of demarcation and enhance safety, the project proponent has erected barbed metal wire fencing around the mining area with height of 4 ft. This will help to prevent falling of animals/human being/dumping of garbage etc. All the boundary indicators (boards, stores, markings, etc...) are protected at all times.

**Figure 12 :Fencing**







G-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

The conditions of the environmental clearance prominently displayed in a metallic board. Sign board is also displayed showing lease area and boundaries at the entrance of the quarry.

depicted at the entrance of the quarry, visible to the public.

**Figure 7 :EC board**



G-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.

As per the stipulation of competent authority, the project has been storing the explosives in magazine. The magazine is situated in an isolated place specified and approved by the explosives department.

**Figure8 :Explosive storage area**



G-8	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department.	The project proponent has installed warning alarms as per the stipulation of Explosive department in the quarry site. The blasting time board is displayed in the site. The timing of blasting in the quarry is in between 10.00 AM , 1.00 PM and 5.00 PM on all working days.
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**Figure 9:Warning signboards**



G-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.	One of the main sources of dust emission is roads. The project proponent will maintain the access road to the quarry in good condition for dust emission and easiness of transportation of vehicles. The roads will be maintained in prior to the working of quarry.
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**Figure 3 :Access road**



G-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	The Environmental Monitoring Cell (EMC) was formed with Mr. M.P.LALU (Owner and authorized signatory) as head of the monitoring cell. The EMC meeting convenes regularly to evaluate and monitor quarrying work in connection with the specific and general
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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	conditions stipulated in the Environmental Clearance (EC) order. INDEX.IV.c
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Sl. No	Post	Name
1	Head of the monitoring cell	Lalu M.P
2	Head in charge (Environment)	Madhusoodhanan K
3	Senior Environmental Officer	Vijith Kumar V
4	Environmental Officer	Mohanan T K
5	Name of the environmental officer in charge	Nishadh
6	Name of the officer Environment, Health and safety	Jithin
7	Name of the Assistant Officer of Environment, Health and safety	Sasidharan
8	Name of the environmental consultant	Mahesh.S

G-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.	All the quarrying activities are carrying out as per the approved mining plan and strictly follow the Kerala Minor Mineral Concession Rules 2015.
G-12	The quarrying operation (Blasting) shall be restricted between 7 AM and 5PM	Fixed blasting time is displayed on board at the entry of the quarry. The warning alarms are provided and also the blasters assistant will check the surroundings of the blasting area before the blasting is started to prevent the entry of humans and animals to the blasting zone.

**Figure 9:Warning Signboards**



G-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.	To collect rain water from the entire project land, the proponent will develop the rain water harvesting pond in the project area. Rain water will mainly use for gardening, wetting of roads, and splashing for contain dust emission. The rain water harvesting pond will be installed before the monsoon season.
G-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°.	Maximum depth of mining will be as per the mining plan and as per specific direction of SEAC field inspection. The maximum depth of mining will not be deeper than the local ground water table. No mining operations will be carried out at places having a slope greater than 45°.
G-15	The height of any bench shall not exceed five meters and breadth shall not be less than the height.	All mining activities will be progressing under the supervision of qualified mining personals. To enhance safety and to make environment friendly quarrying, the excavation activity in the project is progressing by creating benches of 5m width x 5m height.

Figure 10 :Benches



G-16

The Project proponent shall ensure that no perennial or

There are no water courses or water resources are obstructed due to mining

	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.	activities in the site. Storm water management is effectively done at the site.
G-17	A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.	A minimum buffer distance specified as per existing rules and statutory orders are 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.
G-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.	As part of concurrent eco restoration, the project planted various saplings in the project area as a compensation of loss of trees while the project is clearing the land for mining. The eco restoration plan prepared by the project will be executed in a good manner. The project started to plant various saplings in and around the project site. The mine closure plan will be done at the own cost of project proponent as agreed in the proposal.
G-19	The proponent should ensure that the vegetation in the buffer is retained, maintained and	To enrich vegetation and prevent air pollution, the project proponent will plant different avenue trees either side of



strengthened with additions of native broad leaved plants.

roads, parking area and other areas in the project land.

**Figure11:Plantation**



G-20	<p>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.</p>	<p>The eco restoration plan prepared by the project will be executed in a good manner. The project started to plant various saplings in and around the project site. The mine closure plan will be done at the own cost of project proponent as agreed in the proposal. Eco restoration affidavit is enclosed in <b>ANNEXURE 6</b>.</p>
G-21	<p>Acoustic enclosures should have been 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.</p>	<p>To conserve rain water, 10 percent of the excavated pit area will be retained as water storage area in future. This will help to improve the ground water table. It is proposed to develop a vegetative cover in the remaining area with indigenous plant species after reclamation of the mined area with stacked top soil and overburden. Rain water is mainly used for gardening, wetting of roads, and splashing for contain dust emission.</p>
G-22	<p>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.</p>	<p>To reduce noise level in the project site, the project proponent has implemented mitigate masseurs. The major noise generating sources from the mining activity is working machineries; drilling, blasting and plying of vehicles are under control as per stipulations of KSPCB</p>
G-23	<p>Periodical monitoring of the vibration at specified location (preferably at a distance of 50 m</p>	<p>The major noise generating sources from the mining activity is working machineries; drilling, blasting and</p>

	and 100 m) to be conducted and records kept for inspection. This could also form a part of the compliance reports.	plying of vehicles are under control as per stipulations of KSPCB. To reduce fly rock and ground vibration, the blasting is done in controlled manner by using NONEL (Non electric detonators). All blasting activities are carrying out with the stipulated guidelines of explosive department and other concerned agency. <b>ANNEXURE 3</b>
G-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 regulation for the trucks entering or leaving the mine site to prevent undue noise from empty trucks.
G-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.	Acoustic enclosures are provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers. So there will be no air or sound pollution due to crusher unit happens. The project has provided ear plugs to the labors to reduce the impact of noise generation from the machines. Vegetation around the mining area will help to reduce noise and air pollution. This helps the noise level kept within prescribed standards. Labors to assure this, the project have monitored the noise level periodically by a NABL accredited laboratory. The result is provided in <b>ANNEXURE 10</b> .
G-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.	To reduce fly rock and ground vibration, the blasting is done in controlled manner by using NONEL (Non electric detonators). All blasting activities are carrying out with the stipulated guidelines of explosive department and other concerned agency. The blasting time is displayed in the sign board and all blasting happens in the specified timings.

G-27	Measures should be taken for maintaining noise levels below 85 dBA in the work environment.	Measures have been taken for the control of noise levels below 85DbA in the work environment.
G-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.	There is no such kind of water usage happens in the site. The proponent will obtain necessary prior permission of the competent authorities for drawing requisite quantity of surface water and ground water for the project if necessary.
G-29	Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly compliance reports to SEIAA.	Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area will be carried out and reported in the six monthly reports to SEIAA.
G-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.	The project proponent will construct well defined drainage system to channelize the storm water to the rain water collection pond. The clarifiers are under construction.
G-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	Regular monitoring of ground water level and quality will 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 will be carried out.

G-32	<p>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.</p>	<p>The project has constructed storm water drains in the lower slopes of the project area for effective management of storm water. This helps to channelize the storm water to the rain water collection pond and the most of the debris are settling down at the bottom of the pond. The project is monitoring the quality of drinking water by a NABL accredited laboratory to assure that there is no pollution in the drinking water. The latest test report is provided in <b>ANNEXURE 10.</b></p>
G-33	<p>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..</p>	<p>In case of any change(s) in the scope of the project, the proponent will apply for fresh appraisal to get the Environmental Clearance.</p>
G-34	<p>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.</p>	<p>The stipulated orders and directions under different act and notification including EIA notification will be scrupulously followed. A brief list of various Acts and notifications which are followed by the proponent is given below</p> <ul style="list-style-type: none"> <li>• Kerala Minor Mineral Concession Rules, 1967.</li> <li>• Mines Act, 1952</li> <li>• Explosive Rules, 2008</li> <li>• Kerala Panchayat Raj Act, 1994</li> </ul>

		<ul style="list-style-type: none"> <li>• Central Ground Water Authority</li> <li>• Water Pollution (Prevention &amp; Control) Act, 1974</li> <li>• EC Compliance Report of Quarry Project of Mr. P.V Santhosh</li> <li>• Air Pollution (Prevention &amp; Control) Act, 1981</li> <li>• Environment Protection Act, 1986</li> <li>• EIA Notification, 2006 / 2009</li> <li>• The Kerala Promotion of Tree Growth in Non-Forest Areas (Amendment) Act, 2007.</li> </ul> <p>Municipal Solid waste handling and management</p>
G-35	<p>The top soil, if any, shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained at 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geo textile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled.</p>	<p>The top soil is temporarily stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The over burden (OB) generated during the mining operations will also stacked at earmarked dumpsite(s) only. The maximum height of the dumps is not allowed to exceed 8m and width 20m and overall slope of dumps are maintained to 45°.The OB dumps are scientifically vegetated with suitable native species to prevent erosion and surface runoff.. The entire excavated area will be backfilled at the reclamation period. Monitoring and management of rehabilitated areas will continue until the vegetation becomes self-sustaining.</p>

**Figure 2 :OB dumping**



G-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.	All the mining equipment used in Mining like backhoe loaders and excavators cause pollution and hence will be serviced regularly & maintained for their efficient functioning and for reducing pollution. Disposal of spent oil from diesel engines will be as specified under relevant Rules/ Regulations
G-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 are with „PUC“ certificate from authorized pollution taking centre. Washing of all vehicles are allowed only inside the lease area.
G-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 and ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard. <b>ANNEXURE 3.</b>
G-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	The emission of dust is a major adverse effect of a mining industry. To prevent dust emission, water tanker sprinklers will be using in the project site. This help to suppress dust during the time summer season. The monitoring of the air quality through a State Pollution Control Board accredited laboratory helps the project proponent to maintain the air quality within the permissible limit. The monitoring report is attached in <b>ANNEXURE 10</b>



G-40	<p>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.</p>	<p>The funds earmarked for environmental protection measures and CER activities are being kept in separate account and have not been diverted for other purposes. Year wise expenditure will be reported to the State Environment Impact Assessment Authority (SEIAA) office.</p>
G-41	<p>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.</p>	<p>The project has provided adequate Personnel Protective Equipments (PPE) such as helmets, ear plugs, safety belts, glows, etc. in order to ensure the safety of workers in working site.</p>
G-42	<p>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.</p>	<p>The proponent will 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.</p>
G-43	<p>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.</p>	<p>Occupational health surveillance program of the workers will be done periodically to observe any contractions due to exposure to dust and corrective measures will be taken, if needed.</p>

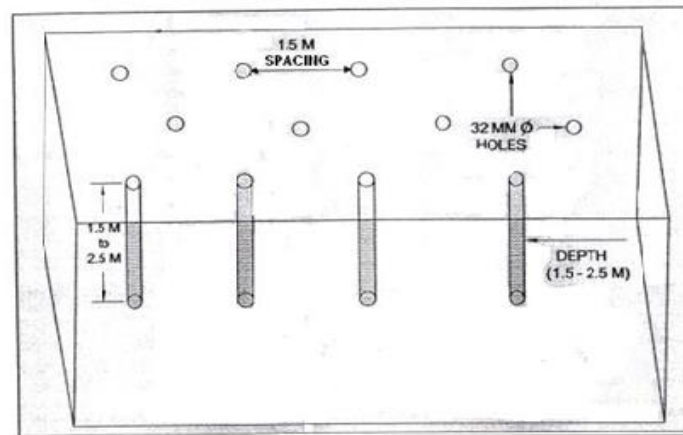
G-44	The pits in the abandoned quarries and in the mined area shall be used for activities like water harvesting, aqua culture etc. in an eco-friendly manner.	The pits in the abandoned quarries and in the mined areas will be used for activities like water harvesting, aqua culture etc. in an eco-friendly manner.
G-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.	There is no such land is included in the mining area.
G-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.	The proponent is ready for the suspension of all EC obtained for mining if any accidents occur in the site. All safeguard measures will be taken to avoid such incidents.
G-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.	In case of transfer of EC the matter shall be intimated and approval from the Authority will be obtained as per the existing norms.
G-48	The proponent shall submit Half Yearly Compliance Reports (1st of June & 1st 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	The proponent is ready to submit Half Yearly Compliance Reports (1st of June & 1st 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.

	Environment Impact Assessment Authority (SEIAA). The proponent has to submit Environmental statement in form V of Environment (Protection) Rules 1986 to SPCB on 31st March every year.	
G-49	The project authorities should extend full cooperation to the officer (s) from the Regional Office of MOEF & CC located at Bangalore/SEAC/SPCB/CPCB/ dept of Mining and Geology, while monitoring compliance of the stipulated conditions, by furnishing the requisite data/information/monitoring reports.	The Regional office of MOEF & CC located at Bangalore will monitor compliance of the stipulated conditions. The project authorities will extend full cooperation to the officer(S) of the Regional Office by furnishing the requisite data / information/ monitoring reports.
G-50	The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.	There is no appeal against EC and we are strictly following the rules and scrupulously follow the directions contained.
G-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 proponent is ready 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 by the authority.
G-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 and proponent will be ready for the decision.

G-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.	Scrupulously follows the directions contained as per the conditions.
G-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 as per the conditions.
G-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.	The proponent ready for the withdrawal of this clearance and attract action if the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above.
G-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.	SEIAA can revoke any order if any of the specific or this implementation of any of the above conditions is not satisfactory.
G-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.	All mining activities are progressing under the supervision of qualified personals. To enhance safety and to make environment friendly quarrying, the excavation activity in the project is progressing by creating benches of 5m width x 5m height.

## IV.a. DRILLING

The excavation of mineral is proposed by excavators. The mineral is fractured and easily exploitable by rock breakers and excavators. The hard strata are proposed to excavate after drilling and blasting. The cross-sectional view of drilling operations is shown below:-



### Salient features of drilling

- About 30 to 50 holes per blast of 32 mm dia and to a depth of 2 to 2.5m will be adopted.
- It is estimated about 2 to 3 T production per hole.
- Number of blasts per day depends upon the workable area and production to be achieved.
- The spacing of 1.0 to 1.5m between the holes will be adopted.
- About 250g per hole of explosive will be used. However, 10 kg/blast will be adopted at any point of time.
- Millisecond electric blasting will be adopted to limit the PPV and Noise levels within the stipulated standards.

## **IV.b. BLASTING**

The controlled blasting is proposed by adopting all the safety measures as per “MMR 1961” and with the permission of DGMS.

In this area for fragmentation of granite the blasting will be conducted. Multiple blast holes of 1.0 to 1.5 m depth will be drilled with the help of 32 mm drill rod, Jack Hammer and Air Compressor of 100 cfm capacity.

It is estimated about 400Kg of explosives per hole is required. About 30 – 50 holes per blast are proposed. Therefore, the requirement of explosives will be about 10 kg/ blast.

### **2.6.6.1 BLASTING SAFEGUARD**

- Blasting in the open cast pits will be done only during day time at designated hours.
- Only competent blasters will be appointed to handle explosive.
- Explosives will be stored in approved and licensed magazine as per Explosive Act/ Rules.
- Explosives will be brought from magazine to blasting site in licensed Explosive Van under the care of blaster.
- Sufficient warning signals will be given before blasting the holes.
- Guards will be posted on all roads and paths at least 250 m distance to stop entrance to the danger zone during blasting hour.
- Controlled blasting will be practiced to control vibrations and flying fragments.
- Optimum charge will be used, while blasting near office complex/ infrastructure site.
- Maximum charge per delay will always be less than 10kg to limit the PPV levels within the DGMS standards of 15 mm/sec.

#### IV.c. ENVIRONMENTAL MONITORING CELL

An environmental monitoring cell was formed with Smt. Mary Elias head of the monitoring cell and made functional. Meeting of monitoring cell is arranged monthly and discuss the status of the compliance of the specific and general conditions contained in the Environmental clearance order. The details of the monitoring cell members are given below:-

Sl. No.	Post	Name
1	Head of the monitoring cell	Lalu M.P
2	Head in charge (Environment)	Madhusoodhanan K
3	Senior Environmental Officer	Vijith Kumar V
4	Environmental Officer	Mohanan T K
5	Name of the environmental officer in charge	Nishadh
6	Name of the officer Environment, Health and safety	Jithin
7	Name of the Assistant Officer of Environment, Health and safety	Sasidharan
8	Name of the environmental consultant	Mahesh.S

#### IV.d. TREES IN THE SITE

Natural vegetation including trees, shrubs and herbs present in the quarry site are mentioned in the table below:-

Sl No.	Scientific Name	Common Name	Family
1	<i>Hevea brasiliensis</i>	Rubber	Eupphorbiaceae
2	<i>Tectona grandis</i>	Teak	Lamiaceae
3	<i>Macaranga peltata</i>	Vatta	Eupphorbiaceae
4	<i>Gliciridia sepium</i>	Seema konna	Fabaceae
5	<i>Artocarpus heterophyllus</i>	Plavu	Moraceae
6	<i>Anacardium occidentale</i>	Kashumave	Anacardiaceae



## QUARRY SITE PHOTOGRAPHS





## BENCHES



## BOUNDARY PILLAR



EC BOARD





**QUARRY ROAD**





## FENCING



## OB DUMPING SITE



## PLANTATION







## WARNING BOARDS

# ANNEXURES

**ANNEXURE 1**  
**ENVIRONMENT CLEARANCE COPY**



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

To,

The Proprietor

M P LALU

M P Lulu S/o M K Pavithram Mankudy House Kodanad P O Kurichilakode  
Ernakulam -670307

**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/149209/2020 dated 26 Aug 2020. The particulars of the environmental  
clearance granted to the project are as below.

1. EC Identification No.	EC23B001KL175681
2. File No.	1700/EC4/2020/SEIAA
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	1(a) Mining of minerals
6. Name of Project	M P Lulu
7. Name of Company/Organization	M P LALU
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: 20/09/2023

(e-signed)  
Dr Rathan U kelkar 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.*

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and Virtuous Environmental Single-Window Hub)





सत्यमेव जयते

## PROCEEDINGS OF THE STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA

*Present: Dr.H.Nagesh Prabhu IFS (Chairman)*

*Dr.V.Venu IAS (Member Secretary)*

*Shri.K.Krishna Panicker (Member)*

**Sub: - SEIAA – Environmental Clearance for the Granite Building Stone Quarry Project of Sri.M.P. Lalu, S/o M.K.Pavithran, Mankudy House, Kodanad P.O, Kurichilakode, Ernakulam– Granted - Orders issued.**

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA

**Proposal No. SIA/KL/MIN/149209/2020**

**File No. 1700/EC4/2020/SEIAA**

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- Ref: 1.Application from Sri.M.P.Lalu received on.17.03.2020.  
2. Minutes of the 135<sup>th</sup> meeting of SEAC held on 07<sup>th</sup> -09<sup>th</sup> & 14<sup>th</sup> -17<sup>th</sup> December 2022.  
3. Minutes of the 122<sup>nd</sup> meeting of SEIAA held on 07<sup>th</sup> January 2023.  
4. Minutes of the 138<sup>th</sup> meeting of SEAC held on 16<sup>th</sup> -17<sup>th</sup> February 2023.  
5. Minutes of the 125<sup>th</sup> meeting of SEIAA held on 28<sup>th</sup> & 29<sup>th</sup> March 2023.  
6 G.O(Rt.) No.29/2019/Env dt.12.04.2019.

### **ENVIRONMENTAL CLEARANCE NO.76/Q/2023**

Sri. M.P. Lalu, S/o M.K.Pavithran, Mankudy House, Kodanad P.O, Kurichilakode, Ernakulam-683544 submitted an application for Environmental Clearance via PARIVESH for the Granite Building Stone Quarry Project, for an area of 1.4336 Ha at Re.Sy.Block No.37, Re.Sy.Nos.74/1D pt, 74/608pt in Kuttur Village, Payyannur Taluk, Kannur, Kerala.

**The Project details are as follows:-**

Sl.No.	Particulars	Details
1	Name of the project	Granite Building Stone Quarry Project of Sri.M.P.Lalu.
2.	Name of the Sector & Schedule No.(in the EIA Notification, 2006)	Mining of Granite Building Stone Quarry. (Non-coal mining) B2 Category & Schedule 1(a)
3	Name & Address of the Project Proponent	Sri. M.P. Lalu, S/o M.K.Pavithran, Mankudy House, Kodanad P.O, Kurichilakode, Ernakulam-683544.
4	<b>Project Location</b>	
	a) Re. Survey Block No.:	37
	b) Re.Survey Nos.	74/1D pt, 74/608 pt
	c) Revenue Village	Kuttur
	d) Panchayt	Eramam Kuttur
	e) Taluk	Payyannur
	f) District	Kannur
5	Project Area	1.4336 Ha
6	Life of Mine (As per Mine Plan)	12 Years
7	Mineable Reserve	443685MT  (Average Annual Production:33665 MT)
8	Expected Cost of the Project	90 Lakh.
9	Geo Co-ordinates	Geo-coordinates as per the Approved Mining plan
10	Water Requirement & Source	14 cu.m/day Open well/Rainwater harvest pit.

11	Date of Field Inspection	23.06.2022.
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**CER DETAILS**

<b>Year</b>	<b>Activity</b>	<b>Budget</b>
2021- 2022	<p>As the part of Corporate Environmental responsibility provide the following facilities to PHC, Kuttur.</p> <p>- Solar panel and solar light implementation.</p> <p>Provide 5kw ON- GRID Solar Power Plant.</p> <ul style="list-style-type: none"> <li>➤ On Grid Inverter.</li> <li>➤ Solar Panel per KW.</li> <li>➤ Mounting Structure</li> <li>➤ AC/DC Cabling.</li> <li>➤ Earthing/Lightning Arrester.</li> <li>➤ Metering.</li> <li>➤ Installation and Commissioning.</li> </ul> <p>Approximate cost for the facility is about 3.50 Lakh</p>	<p>350000</p> <p>15,000</p> <p>275000</p> <p>25000</p> <p>3300</p> <p>19500</p> <p>7200</p> <p>5000</p>
2022- 2033	Maintenance and project monitoring in provided facilities in PHC, Kuttur.	2,20,000
	<b>Total</b>	<b>5,70,000</b>

2. The Committee in its 135<sup>th</sup> SEAC meeting examined the proposal, along with the complaint of Sri.Anoop, evaluated the additional documents submitted by the Project Proponent, discussed the field inspection report, studied the affidavit submitted by the Village Officer, Kuttoor, letter from the District Geologist, Kannur regarding the clarification on boundary overlaps the report of the joint Committee constituted by the Hon'ble NGT. The Committee observed that the Joint committee report quoted in the judgment of Honble NGT as "The Director of Mining and Geology, State of Kerala is directed to strictly adhere to the recommendations made by the Joint Committee regarding issuance of further license or lease for doing mining activity in that area, as it was observed by the Joint Committee that no further mining lease can be granted as the resources have been exhausted in that area" is pertaining only to the mine area owned & operated by M/s RDS. The area involved in the present proposal is an unmined area located about 50m west of the mined out quarry of M/s. RDS under the verdict of Hon NGT and no mining was noticed in the proposed area during the site visit. The Committee also ascertain that the Mining Plan submitted by the Project Proponent is approved in 2019 on deliberations. The committee recommended environmental clearance to the project with life of mine of 12 years subject to the legal opinion sought from Legal Officer, SEIAA by the SEIAA. The committee also recommended certain Specific Conditions in addition to General Conditions for the issuance of EC.
3. In the 125<sup>th</sup> SEIAA meeting, by considering the legal opinion, the Authority noted that for the sustainable management of quarry operations, the approved mining plan is revised every five years till the project life of mine as per KMMC Rules, incorporating scheme of activities to be carried out for the next 5 years. Authority is of the opinion that it is essential to match these procedures and time lines followed in the department of Mining and Geology with the



time lines ECs issued for the sustainable management of quarry operations and protection of environment in the project region.

- 4. The Authority decided to issue Environmental Clearance initially for a period of 5 years, for the quantity mentioned in the approved mining plan, and then to extend the EC period to cover the project life of 12 years, from the date of execution of mine lease / permit, subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the environment in the project region.**

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

- 1. All the observations/directions made by the Joint Committee and the NGT for the adjacent quarry should be followed during the operation of the quarry.*
- 2. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 3. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 4. The EC issued will be subject to a review by SEAC after 5 years through field verification to ensure that mining is carried out sustainably as per the EC conditions.*
- 5. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.*
- 6. Compensatory afforestation/green belt plan should be implemented from the 1st year itself and the coordinates and geo-tagged photographs of the proposed site shall be submitted along with the HYCR.*
- 7. Garland drain should be enlarged to carry the entire overland flow of the adjacent slopy region of the quarry.*
- 8. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.*
- 9. Monitoring of drainage water should be carried out at different seasons by an NABL-accredited lab and clear water should only be discharged into the natural stream. Geo-tagged photographs of the drainage and sampling site should be submitted along with HYCR.*
- 10. The overburden dumping site should be protected with gabion walls to prevent erosion.*
- 11. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*

12. *The haulage road should be developed prior to the commencement of mining and it should be maintained well and dust-free with sprinkling arrangement.*
13. *Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
14. *Adequate energy conservation measures proposed should be implemented including solar power installations for street lights and office. At least 20% of the energy requirement of the project should be met from the solar power.*
15. *Adequate facilities should be adopted to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.*
16. *The Environment Management Cell (EMC) should include an Environment expert and the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR*
17. *Buffer zones should be demarcated and green belt should be developed by planting trees, climbers and herbs of local species as mentioned in the biodiversity assessment report.*
18. *Boundary Pillars should be properly marked and fencing should be done properly.*
19. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
20. *As per OM no F.No.22-65/2017-IA.III dated 30<sup>th</sup> September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.*
21. *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.*
22. *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&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.*
23. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

- 5. Environmental Clearance as per the EIA Notification, 2006 is hereby accorded for the Granite Building Stone Quarry Project of Sri. M.P. Lahu, S/o M.K.Pavithran, Mankudy House, Kodanad P.O, Kurichilakode, Ernakulam-683544, for an area of 1.4336 Ha at Re.Sy.Block No.37, Re.Sy.Nos.74/1D pt, 74/608 pt in Kuttur Village, Payyannur Taluk, Kannur, for the quantity mentioned in the approved mining plan, and then to extend the EC period to cover the project life of 12 years, from the date of execution of mine lease / permit, subject to the review by SEAC at the end of (5) five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the environment in the project region. The EC is subject to General Conditions and the Additional Specific Conditions in Para 4<sup>th</sup> 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 Project Proponent will be deemed to be a part of this Proceeding 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.**
- 6. 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.**
- 7. Validity of the Environmental Clearance will be initially for the period of **Five (5) years** from the date of execution of valid mine lease/Permit from Mining & Geology Department as per S.O 1807(E) dated 12.04.2022 of MoEF & CC, and then will be extended to the project life of 12 years as per condition in para 4<sup>th</sup>, 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.**
- 8. Compliance with 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, Kannur.

9. The Half Yearly Compliance Report (HYCRs) with name of the project, EC No. and date, the period of submission with its contents, compliance report and environmental monitoring data & covering letter have to be uploaded in the PARIVESH Portal as per O.M. F.No.IA3-22/1/2022-IA-III(E)-17264 dated 14.06.2022 and the website of the Project Proponent. Hardcopy of HYCRs shall not be acceptable.
10. The given address for correspondence with the authorised signatory of the project is Sri. M.P. Lalu, S/o M.K.Pavithran, Mankudy House, Kodanad P.O, Kurichilakode, Ernakulam-683544.

#### **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 newspapers that the project has been accorded Environmental Clearance and copies of clearance letters are available in the Office of State Environment Impact Assessment Authority (SEIAA) and on the website of the Authority at [www.seiaakerala.in](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 (Blasting) 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>0</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, in consistent, or simplified, contained in any other permit, license on 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. M.P. Lalu, S/o M.K.Pavithran  
Mankudy House, Kodanad P.O  
Kurichilakode, Ernakulam-683544.

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, 4<sup>th</sup> Floor KSRTC Bus Terminal, Thampanoor, Thiruvananthapuram, Kerala 695001.
4. The District Collector, Kannur.
5. The Director, Mining & Geology, Thiruvananthapuram -4.
6. The Member Secretary, Kerala State Pollution Control Board.
7. The District Geologist, Kannur.
8. The Tahsildhar, Payyannur Taluk, Kannur District.
9. The Village Officer, Kuttur Village, Kannur District.
10. The Secretary, Eramam Kuttur, Grama Panchayath, Payyannur Taluk, Kannur.
11. The Chairman, SEIAA
12. Stock File
13. Website
14. O/C

**Signature Not Verified**

Digitally signed by Dr Rathan U  
kelkar IAS  
Member Secretary

Date: 9/20/2023 4:00:05 PM

**ANNEXURE 2**  
**LEASE ORDER**



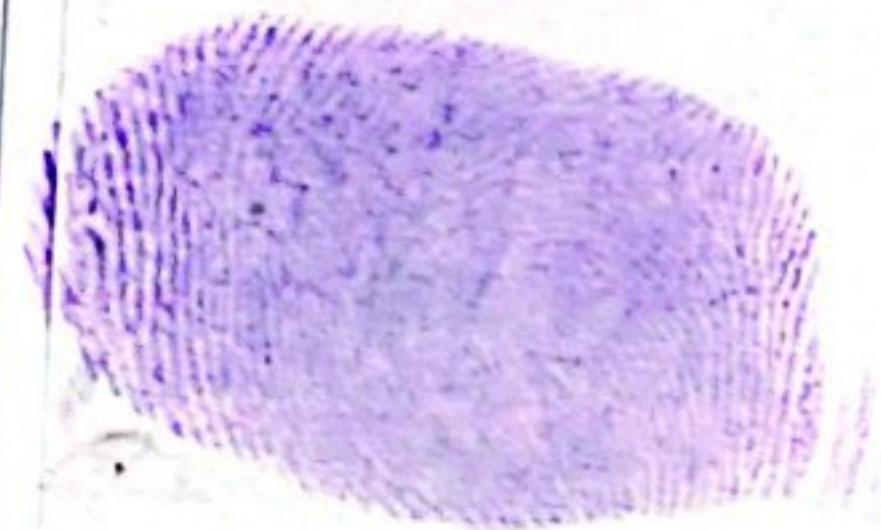
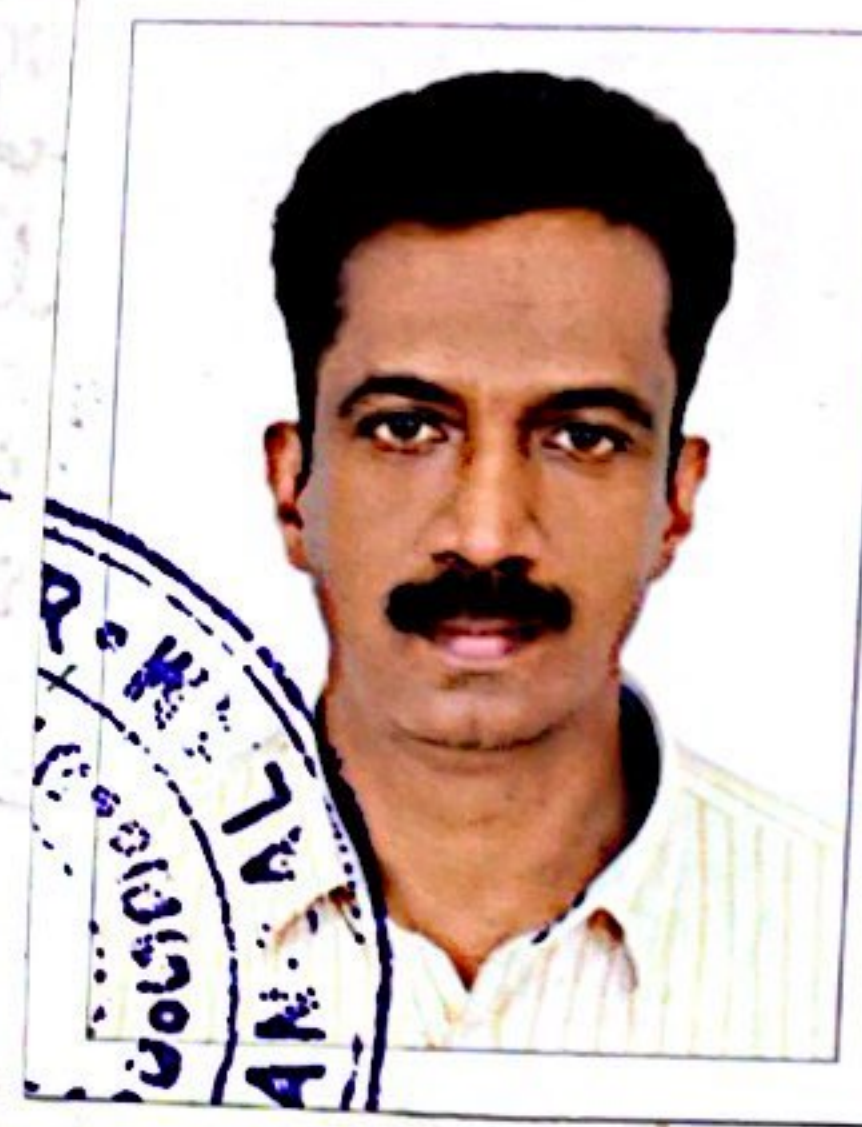
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N 007998

FORM H

(See Rule 43)

QUARRYING LEASE



This deed of lease made on this the 27th day of November 2023

between the Governor of Kerala (hereinafter referred to as the "State Government" which expression shall, where the context so admits be deemed to include his successors and assigns) of the one part and Sri. M.P. Lal, S/o. M.K. Pavithran, Mankudy House, Kodanad P.O,

LESSOR JAGADEESAN. K.R  
GEOLOGIST  
DEPT. OF MINING & GEOLOGY  
DISTRICT OFFICE, KANNUR

For QUARRY OWNED BY M.P. LALU

LESSEE

M.P. Lal  
Proprietor  
27/11/23

25746. Kodanad - 670300  
M.P. Lal.

23/11/2023 രൂപയിൽ 500/-  
 പയ്യന്നൂർ സ. റ. അ. അ. അ.  
 ഡെപ്യൂട്ടി സി. കെ. ഡെപ്യൂട്ടി



Presented in the office of the Sub Registrar  
of Chittoor District at 11.30 AM  
... 13.65 93 by payment  
Filed at ... 2.40 PM on 8th  
... 61 December 2023

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8th December 2023

Lalu. M.P.   
Sub Registrar  
P. Omara

Execution admitted by .....

1/ Sri Sreedharan P.P.   
S/o Govindam P.P. Mineral Revenue Inspector  
Mining and Geology District Office (Senior)  
For and behalf of Jayadeesan K.R. Geologist  
Dept of mining and Geology District Office, Kurnool (Lessor)  
with letter no DOKAN-OM/1629/2023. dt. 11/12/23



2/ Sri M.P. Lahu. M.P.   
S/o M.K. Pavithran Business  
man Kendy House, Kodumad  
Cunnathur Taluk. (Lessee)



FOR QUARRY OWNED BY M.P. LALU Identified by

Proprietor KUNITHAL VISHAKHAKUMAR 3/ NARAYANAN  
Business, KUPPUR.

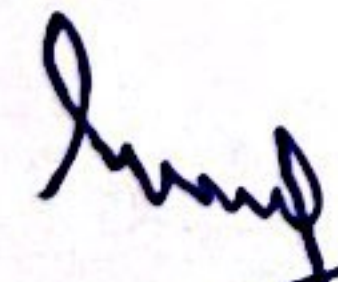


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Kodanad Village, Kunnathunad Taluk, Kurichilakode, Ernakulam – 683544 (Aadhaar No. 893985049179) (hereinafter called the ‘lessee/lessees’ which expression shall where the context so admits, include his/their heirs, executors, administrators, representatives and permitted assigns) of the other part.

Witnesseth that in consideration of the rents and royalties and lessee’s/Lessees’ covenants, hereinafter reserved and contained the State Government hereby give on lease to the lessee/lessees the land measuring 1.4336 Hectares described in the schedule hereunder and delineated on the plan hereto annexed and therein coloured red (hereinafter called the “said lands”) to hold the same for a period of 12 (Twelve) years commencing from the 27-11-2023 and ending on the 26-11-2035 for the purposes of extracting minor mineral/minerals and subject to the terms and conditions contained in the Kerala Minor Mineral Concession Rules, 2015 and Kerala Minor Mineral Concession (Amendment) Rules, 2023 (hereinafter referred to as “the Rules”) and to the terms and conditions hereinafter appearing.

1. The lessee/lessees shall have the right in and upon the said lands to extract Granite Building Stone (herein after called the said mineral/minerals) and to do all acts necessary for the extraction of the said mineral/minerals including the erection on the said lands, buildings and plant required for the purposes and also to take lead and carry away over the said lands and to dispose of the said minerals extracted as aforesaid.
2. The lessee/lessees shall during the subsistence of this lease have the liberty to work the said mineral/minerals and remove the same from the leasehold on permits issued by the State Government/competent authority or any other officer authorized by him in this regard. The permits shall be issued only on the basis of pre-paid royalty at the rates specified in Schedule I to these Rules. The royalty rates shall be subject to revision from time to time as the State Government may order.
3. The lessee/lessees shall pay to the State Government a yearly surface rent equal to the land revenue if any, assessable under the rules for the time being in force, or if the land be the property of Government or in reserve forest then equal to the land revenue plus cess, if any, per hectare of the land the surface whereof shall be occupied or used by the lessee/lessees for any of the purposes of this deed and so in proportion for any area less than one hectare. The said surface rent shall be paid by yearly payments; the first of such payments to be made on or before the last day of the first year of occupation provided always that no such rent shall be paid or demanded in respect of any roads or ways now in existence.
4. The lessee/lessees shall at all times during the currency of this lease keep correct and intelligible books of account showing accurately the quantity of the said minerals extracted and the weight and value of the said mineral sold or exported together with the names of the purchasers or consignees. The lessee shall also maintain a register of employees showing therein separately men, women

  
27/11/2023  
**JAGADEESAN. K.R**  
**GEOLOGIST**  
 DEPT. OF MINING & GEOLOGY  
 DISTRICT OFFICE, KANNUR  
**LESSOR**

**For QUARRY OWNED BY M. P. LALU**

  
27/11/2023  
**Proprietor**

**LESSEE**

Vellu Namkuzhil Sabu S. Sathew

Doivos kuzhor

8th December 2023 P. Omma

Sub Registrar

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Sub Registrar.

8th December 2023 P. Omma

Sub Registrar



employed daily and shall at reasonable times allow the competent authority appointed under the rules (hereinafter referred to as "competent authority") or the officer authorized by him to examine the said books of account and the register of employees and to take copies and extracts there from. The lessee/lessees shall submit reports in Forms F and G on the specified dates.

5. All sums found due under or by virtue of this deed from the lessee/lessees may be recovered from him jointly and severally from them and his/their properties movable and immovable under the provisions of the Revenue Recovery Act for the time being in force as though such sums are arrears of land revenue or in any other manner as the State Government may deem fit.

6. The lessee/lessees shall at the lessee's/lessees' own expense erect and at all times maintain and keep in repair boundary marks and pillars along the boundaries of the said lands according to the demarcation shown in the plan here to annexed.

7. The lessee shall not carry on or allow to be carried on any quarrying operations at or to any points within a distance of 100 meters from any railway line except with the previous written permission of the railway administration concerned and any bridge on National Highway or 50 meters from any reservoir, tanks, canals, rivers, bridges, public roads, other public works, residential buildings, the boundary walls of places of worship, burial grounds or burning ghats or any monument protected by Government except with the previous permission of the authorities concerned or the Government or competent authority. Provided that the railway administration or the State Government or any other authority in this behalf may in granting such permission impose such other conditions as may be found proper and necessary.

8. The sides of open workings shall be sloped, stepped or secured by the lessee in such a manner as to prevent slope failure, when an open working is worked in steps, steps shall be of sufficient breadth in relation to their height to secure safety. In open workings trees liable to fall and all loose ground and material shall be removed by the lessee sufficiently far from the edge or otherwise made source in order to prevent danger to persons employed in the quarry.

9. If a working place is found to be unsafe all persons shall be withdrawn by the lessee/lessees immediately from the dangerous area and all access to such working place except for the purpose of removing the danger of saving life shall be prevented by securely fencing the full width of all entrances to the place.

10. The lessee/lessees shall at all reasonable times allow any officer authorized by the Central Government or by the State Government in that behalf to inspect the said lands and the buildings and plants erected thereon and the lessee/lessees shall assist such persons in conducting the inspection and afford them all information they may reasonably require, and shall conform to and observe all orders which the Central and State Governments as the result of such inspection or otherwise, may from time to time pass.

*Jagadeesan K.R.*  
**JAGADEESAN. K.R**  
**GEOLOGIST**  
 DEPT. OF MINING & GEOLOGY  
 DISTRICT OFFICE, KANNUR

LESSOR.

**For QUARRY OWNED BY M. P. LALU**


*M.P. Lal*  
**Proprietor** 27/11/2023

LESSEE

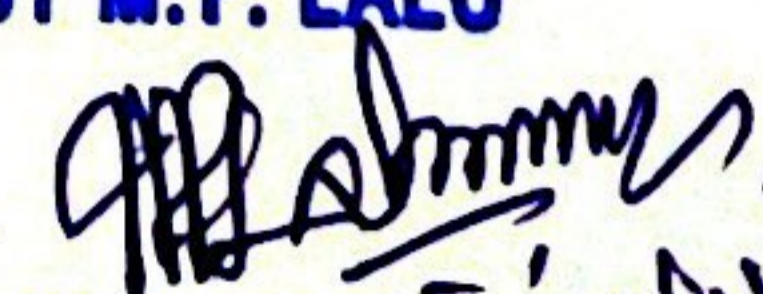
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11. The lessee shall be responsible for implementing the provisions of the various labour laws applicable, from time to time, to the quarry.
12. The lessee/lessees shall not assign or underlet the said lands or any part there of or the rights or privileges, therein hereby granted or any of them without the previous permission in writing of the State Government / competent authority.
13. Where the lease or any right, title or interest therein has been assigned, sublet or transferred as provided in rule 45 read with condition 12, then the person in whose favor such assignment, sublease or transfer has been made shall be responsible for implementing the provisions of the various labour laws applicable, from time to time, to the quarry.
14. The lease may be surrendered by the lessee/lessees at any time after 3 months notice in writing to the State Government/competent authority: Provided the lessee/lessees has/have paid all sums due on account of the lease. Provided further that if the lessee/lessees elects/elect to determine this lease before the expiry of the term of the lease, shall pay in addition to other dues a sum equal to the dead rent payable for the remaining part of the term of the lease deed.
15. If the lessee/lessees shall be desirous of taking a further lease of the said lands for a further term, he/they shall give three months' previous notice in writing of such desire to the State Government/competent authority and if the lessee/lessees has/have duly observed all the conditions of this lease, the State Government/competent authority may agree to renew the lease for such further term and on such terms and conditions as the State Government/competent authority may determine which shall be in accordance with the provisions of these rules.
16. If the lessee/lessees shall at any time during the said term use the said lands or any part thereof in any manner other than as authorized by this lease or fail to carry on quarrying operations continuously without sufficient cause of which the State Government/competent authority shall be the judge or shall commit a breach of any of the conditions of this lease it shall be lawful for the State Government/competent authority to cancel this lease and take possession of the said lands or the alternative to receive from the lessee/lessees such penalty not exceeding Rs. 5,00,000/- (Rupees Five lakh only) for the breach as the State Government/competent authority may fix.
17. In cases where the area under quarrying lease is Government land, the lessee shall close the mine within three calendar months after the expiry of the lease or its determination and remove any engine, machinery, buildings, structures and other works and conveniences from the area under the lease. If the lessee does not remove the same within the said period, the same shall become the property of the State Government and the State Government shall have the right to dispose the same on such terms and conditions as it deems fit.

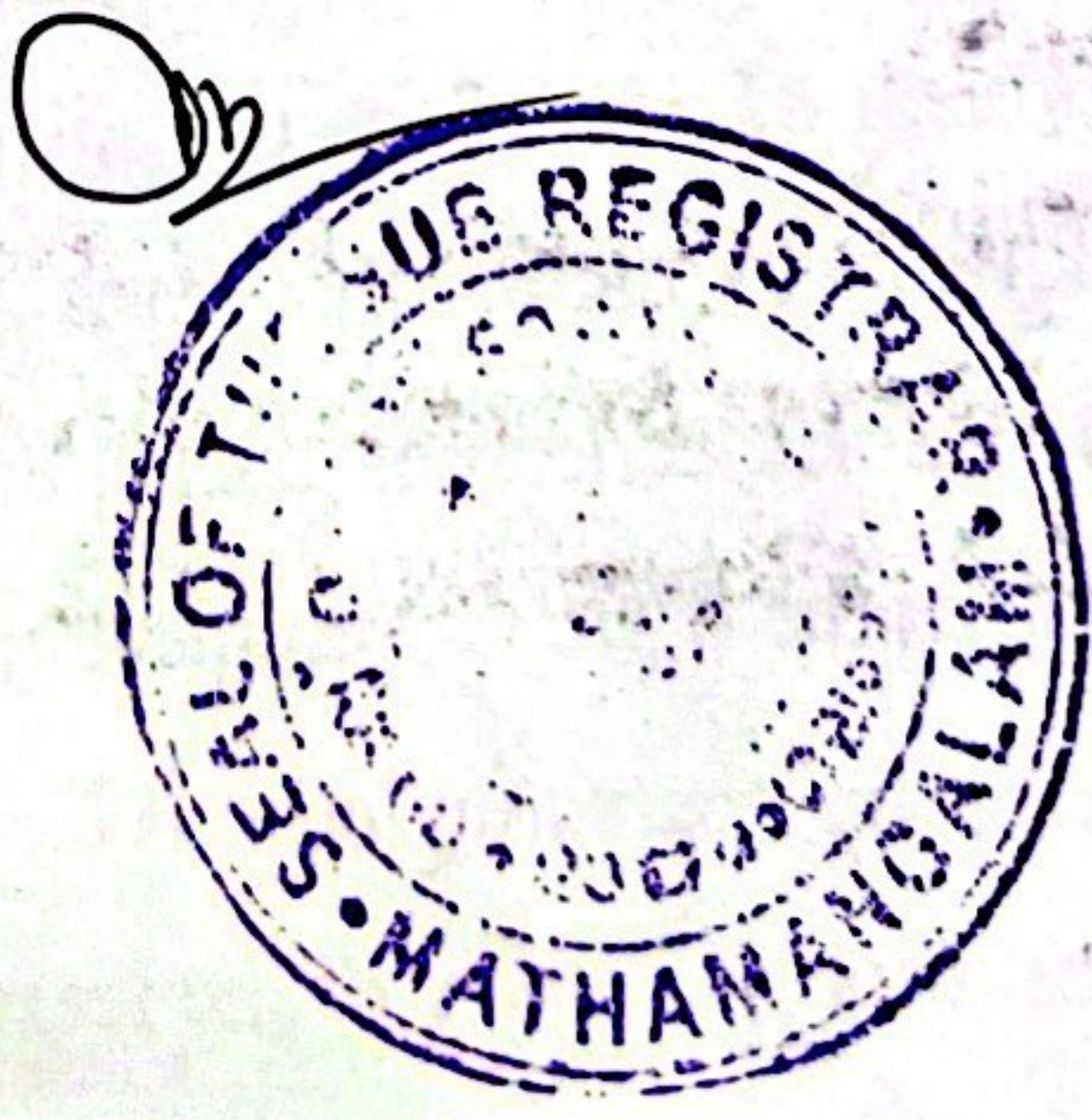
  
27/11/2023  
**JAGADEESAN. K.R.**  
GEOLOGIST  
DEPT. OF MINING & GEOLOGY  
DISTRICT OFFICE, KANNUR  
LESSOR

For **QUARRY OWNED BY M. P. LALU**

  
Proprietor 27/11/2023

LESSEE

Document No 1925 of 19 2023  
--- Contains 8 --- Sheets 4 Sheet



18. This lease subject to all rules and regulations which may from time to time be issued by the State Government regulating the working of the quarries and other matters affecting safety, health and convenience of the lessee's/lessees' employees or of the public, whether under the Indian Mines Act or otherwise.

19. The lessee/lessees shall without delay send to the District Collector and the competent authority or the officer authorized by him in this regard report of any accident causing loss of life or serious bodily injuries or seriously affecting or endangering life or property which may at any time occur at or in the said lands in the course of operations under this lease.

20. The lessee/lessees shall furnish such reports and returns relating to output, labourers employed and other matters as the State Government may prescribe.

21. The lessee/lessees shall make and pay such reasonable compensation as may be assessed by lawful authority in accordance with the law in force on the subject for all damage, injury or disturbance which may be done by him/them in exercise of the powers granted by this lease and shall indemnify and shall keep indemnified fully and completely the State Government against all claims which may be made by any person or persons in respect of any such damage, injury or disturbance and all costs and expenses in connection therewith.

22. Any condition prescribed in the Kerala Minor Mineral Concession Rules, 2015 but left out in this lease which may be found applicable to the lessee / lessees shall be treated as binding on the lessee/lessees.

23. In this case, the anticipated royalty to be remitted for the mineral extracted per year at the present rate of royalty of Rs. 48/- per tonne for the proposed average annual production of 70,592 metric tonne is Rs 33,88,416/- (Rupees Thirty Three lakhs Eighty Eight Thousand Four Hundred and Sixteen only).

24. In this case, the annual surface rent to be remitted per year at the present rate of Rs. 5/- per Are per year is Rs.717/- (Rupees Seven Hundred and Seventeen only) and the refundable Security Deposit is Rs.14,336/- (Rupees Fourteen Thousand Three Hundred and Thirty six only)

For QUARRY OWNED BY M.P. LALU

*M.P. LALU*  
Proprietor 27/11/2023

*Jagadeesan*  
*27/11/2023*  
LESSOR JAGADEESAN. K.R  
GEOLOGIST  
DEPT. OF MINING & GEOLOGY  
DISTRICT OFFICE, KANNUR

LESSEE

Document No 1925 of 19 2023  
--- 1 Column --- 8 --- Sheet 5 --- Sheet

*M*



NOT QUARRY OWNED BY M.P. JALU

Proprietor

JAGDEEP K R  
GEOLOGIST  
DEPT. OF MINING & GEOLOGY  
DISTRICT OFFICE, KANNUR

## SCHEDULE OF DESCRIPTION OF LAND

District : Kannur  
 Sub District : Mathamangalam  
 Taluk : Payyanur  
 Village : Kuttur  
 Desom : Kuttur  
 Re survey Block : 37  
 Re Sy. Nos : 74/131, 74/134, 74/136, (74/1DPT), 74/608  
 Total Area : 1.6673 Hectre,  
 Lease Area : 1.4336 Hectre

Re Sy Nos	Regd. Doc. No.	Possession area	Lease area in Hectors
74/1D Pt (74/134, 74/136)	267/2017	0.6475	0.5166 Ha
74/1D Pt (74/131)	210/2017	0.3116	0.2088 Ha
74/608	730/2018	0.7082	0.7082 Ha

	Bounded by Survey Nos	Property Owned by
On the North by	74/1 D Pt	Property of RDS Company
On the East by	74/1 D Pt	Property of Manju Madusoodanan
On the South by	74/1 D Pt	Property of Chandran & Kannan
On the West by	74/1 D Pt	Property of Madhusoodanan

The above said property belongs as per the Registered Deed bearing Nos. 267/2017, 730/2018, 210/2017 (Old Sy. Nos 111/1) of SRO Mathamangalam.

for **QUARRY OWNED BY M.P. LALU**

*M. P. LALU*  
**Proprietor** 27/11/2023

*J. K. R.*  
 27/11/2023  
**LESSOR** **JAGADEESAN. K.R**  
**GEOLOGIST**  
 DEPT. OF MINING & GEOLOGY  
 DISTRICT OFFICE, KANNUR

**LESSEE**

1925  
1923  
1923

Document No. 1925 of 19 2023 of Book  
--- Contains --- 2. Sitara & Stone



FOR QUARRY OWNED BY M. R. LALU

Proprietor



DISTRICT OF MINE & GEOLOGY  
JHARKHAND



Lessee's age is 52 and his occupation is business.

In witness whereof the parties hereto have signed on the date and year first above written

Signed by Geologist, Department of Mining & Geology, District office Kannur

*[Signature]*  
27/11/2023  
JAGADEESAN. K.R  
GEOLOGIST  
DEPT. OF MINING & GEOLOGY  
DISTRICT OFFICE, KANNUR

For and on behalf of the Governor of Kerala.

In the presence of

(1) DEEPA DEVADAS  
ASSISTANT GEOLOGIST  
MINING AND GEOLOGY  
DISTRICT OFFICE, KANNUR

*[Signature]*  
27.11.23.

(2) SHEEJA KAKKAMANI  
SENIOR CLERK  
DEPARTMENT OF MINING AND GEOLOGY  
KANNUR

*[Signature]*  
27/11/2023

Signed by M.P. LALU S/O M.K. Pavithran, Mankudy House,  
Kodanad. P.O, Kurichilakode, Ernakulam-683544

for and on behalf of the lessee/lessees

FOR QUARRY OWNED BY M.P. LALU

*[Signature]*  
27/11/23  
Proprietor

In the presence of

(1) SANJESH. K. K  
S/O Damodaran. K  
K.K. House,  
Kakkara. P.O. 670306

*[Signature]*  
27/11/23.

(2) UMASREE. P. U  
Mankudy House, Kodanad. P.O  
Ernakulam- 683544

*[Signature]*  
27/11/23

This document is computer print.

FOR QUARRY OWNED BY M.P. LALU

Prepared by: Deepak Madathil,  
Advocate Enr1 No.K-558/91, Eve's,  
Sub Jail Road, Kannur.2

*[Signature]*  
27/11/2023  
Proprietor

*[Signature]*  
27/11/2023  
JAGADEESAN. K.R  
GEOLOGIST  
DEPT. OF MINING & GEOLOGY  
DISTRICT OFFICE, KANNUR

Note of corrections Nil

LESSEE

Duplicate 2: no difference among duplicate

Original and duplicate in this duplicated  
interlineation etc are nil

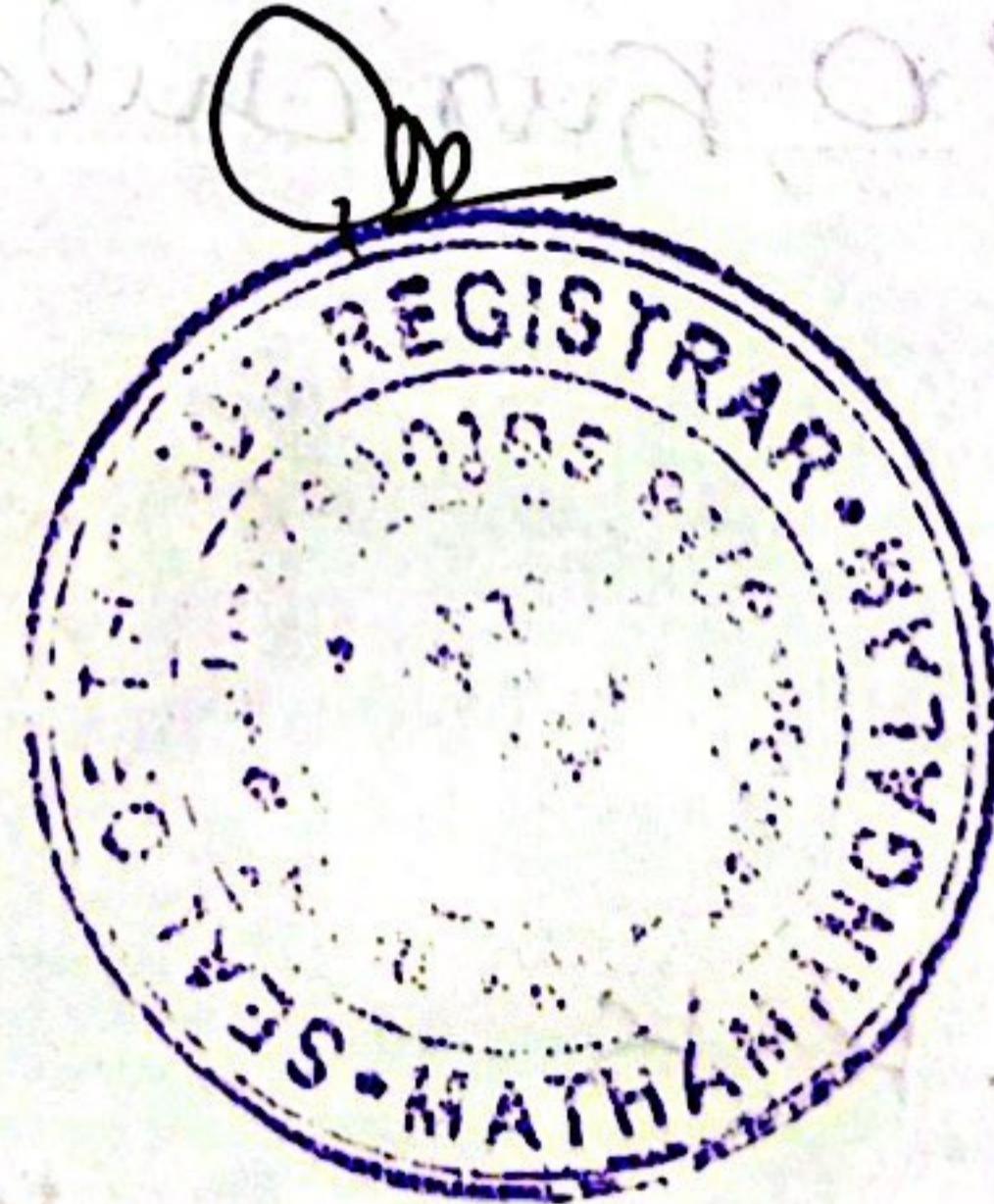
Compared by } Read: Sandhya Baby Clerk  
Examined by: Shaniba. Ac clerk PT

8th December 2023  
Sub Registrar

PT

P. Omara

Document No. 1925 of 2023  
of 8 of Book 7



QUARRY OWNED BY M.P. LALU

Proprietor

QUARRY OWNED BY M.P. LALU



**ANNEXURE 3**

**COPY OF CONSENT FROM KSPCB**

FILE NO : KSPCB/KN/ICO/10027529/2023

Date of issue : 15-05-2023



**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. : 10027529**

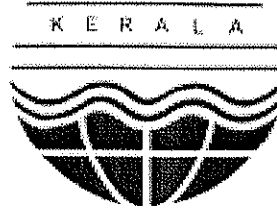
**Dated : 25-04-2023**

**To**

**QUARRY OWNED BY M P LALU  
ODAMUTTU,OLAYAMBADI PO,OLAYAMBADI,KANNUR**

**Consent No. : KSPCB/KN/ICO/10027529/2023**

**Valid Upto : 31-03-2028**



## KERALA STATE POLLUTION CONTROL BOARD

FILE NO. : KSPCB/KN/ICO/10028991/VAR/2023

Date of issue : 22-05-2023

### CONSENT VARIATION ORDER

**Consent No : KSPCB/KN/ICO/10028991/VAR/2023**

**Valid upto : 31-03-2028**

KSPCB/KN/ICO/10027529/2023 dated on 15-05-2023

The Integrated Consent to Operate issued as per reference above to M/s QUARRY OWNED BY M P LALU , ODAMUTTU,OLAYAMBADI PO,OLAYAMBADI,KANNUR is hereby modified & issued to M/s QUARRY OWNED BY M P LALU , ODAMUTTU,OLAYAMBADI PO,OLAYAMBADI,KANNUR. The consent(s)/ variation order(s) cited under reference are integral part of this consent variation order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

SL.NO	ITEMS	DESCRIPTION
1.	SURVEY NUMBER	74/131,74/134,74/136(Basic Sy no:74/1Dpt),74/608

### GENERAL CONDITIONS

1. No change or alteration of the unit is to be made without the prior permission of the Board. Any change in the particulars furnished in the references or in the identity of the occupier / authorised agent is to be intimated to the Board forthwith.
2. The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water and sound pollution.
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 on or before 30.08.2023. Late application will be accepted with a fine or late fee as applicable.
4. This consent is granted based on the particulars and affidavit submitted by the Entrepreneur and any



## KERALA STATE POLLUTION CONTROL BOARD

FILE NO. : KSPCB/KN/ICO/10036082/VAR/2023

Date of issue : 07-07-2023

### CONSENT VARIATION ORDER

Consent No : KSPCB/KN/ICO/10036082/VAR/2023

Valid upto : 31-03-2028

KSPCB/KN/ICO/10027529/2023 dated on 15-05-2023

The Integrated Consent to Operate issued as per reference above to M/s QUARRY OWNED BY M P LALU , ODAMUTTU,OLAYAMBADI PO,OLAYAMBADI,KANNUR is hereby modified & issued to M/s GRANITE BUILDING STONE QUARRY PROJECT OF SRI. M P LALU , M P LALU,S/O.M K PAVITHRAN,MANKUDY HOUSE,KODANAD PO,KURICHILAKODE,ERNAKULAM683544.

The consent(s)/ variation order(s) cited under reference are integral part of this consent variation order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

SL. NO.	ITEMS	DESCRIPTION
1	SURVEY NO.	74/131,74/134,74/136(BASIC SY.NO. 74/1Dpt),74/608
2	NAME AND ADDRESS OF INDUSTRY	GRANITE BUILDING STONE QUARRY PROJECT OF SRI. M P LALU M P LALU,S/O.M K PAVITHRAN,MANKUDY HOUSE,KODANAD PO,KURICHILAKODE,ERNAKULAM683544

GENERAL CONDITIONS

1. No change or alteration of the unit is to be made without the prior permission of the Board. Any change in the particulars furnished in the references or in the identity of the occupier / authorised agent is to be intimated to the Board forthwith.
2. The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water and sound pollution.
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 on or before 30.08.2023. Late application will be accepted with a fine or late fee as applicable.
4. This consent is granted based on the particulars and affidavit submitted by the Entrepreneur and any violation/non-compliance/submission of false information will lead to cancellation of consent and stringent action against the applicant and occupier.
5. This consent is granted subjected to the power of the Board to review and make variations in all or any of the conditions as per section 21 (6) of the Air Act 1981 and Section 27 of Water Act 1974.

Signature valid

Digitally signed by ABHILASH B  
Date: 2023.07.07 15:01:57 IST

SIGNATURE OF ISSUING AUTHORITY

ENVIRONMENTAL ENGINEER

**To**

M/s GRANITE BUILDING STONE QUARRY PROJECT OF SRI.M P LALU  
M P LALU,S/O.M K PAVITHRAN,MANKUDY HOUSE,KODANAD  
PO,KURICHILAKODE,ERNAKULAM683544  
E-Mail : kannurk754@gmail.com  
Contact Number :9961234432,

1. This digitally signed document is legally valid as per the Information Technology Act 2000
2. For verifying this document please go to [www.keralapcbonline.com](http://www.keralapcbonline.com) and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Phoenix website.



**ANNEXURE 4**

**COPY OF PANCHAYATH D&O LICENSE**



എരമം കുറ്റർ ഗ്രാമപഞ്ചായത്തിൽ നിന്നും  
1994ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകളും  
അതേ തുടർനുള്ള ചട്ടങ്ങളും അനുസരിച്ച്  
ഫാക്ടറികൾ, വ്യാപാരങ്ങൾ, സംരംഭങ്ങൾ, മറ്റു സേവനങ്ങൾ എന്നിവയ്ക്കായി നൽകുന്ന  
**ലൈസൻസ്**

നമ്പർ : JC/1031/2024...108

തീയതി : 02/05/2024

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	എം പി ലാലു, മങ്കടി വീട്, കുറിച്ചിലക്കോട്, കോടനാട് പി ഒ, എറണാകുളം	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	QUARRY OWNED BY M P LALU / ഓലയമ്പാടി	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	കുറ്റർ വില്ലേജ് സർവ്വെ നമ്പർ 74/131, 74/134, 74/136 ( Basic Survey no. : 74/1Dpt ), 74/608 ൽ പെട്ട സ്ഥലത്ത് ഗ്രാനൈറ്റ് ബിൽഡിംഗ് സ്റ്റോൺ ക്വാറി നടത്തുന്നതിന്	
സർവ്വെ നമ്പർ	കുറ്റർ വില്ലേജിലെ 74/131, 74/134, 74/136 ( Basic Survey no. : 74/1Dpt ), 74/608	
ലൈസൻസ് കാലയളവ്	30/04/2024 മുതൽ 31/03/2025വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	15000 /- രൂപ	രസീത് നം:1240100337 തീയതി: 30/04/2024
തൊഴിൽക്കരം	2500 /- രൂപ	രസീത് നം: 1240100337 തീയതി: 30/04/2024
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷേപപത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)	<ol style="list-style-type: none"> <li>മലിനീകരണ നിയന്ത്രണ ബോർഡിന്റെ അനുമതി : KSPCB/KN/ICO/10027529/2023 dtd 15/05/2023 Valid upto 31/03/2028</li> <li>എക്സ്പ്ലോസീവ് ലൈസൻസ് : E/SE/KL/22/301(E128860) Valid upto 31/03/2025</li> <li>SEIAA അനുമതി : 1700/EC4/2020/SEIAA dtd 01/05/2023 Valid upto 5 years from date of issue</li> <li>ജില്ലാ ഫയർ ഓഫീസിൽ നിന്നുള്ള നിരാക്ഷേപ സാക്ഷ്യപത്രം : DCKNR/801/2023-F dtd 05/05/2023 Valid upto 1 year from date of issue</li> <li>QUARRYING LEASE : 27/11/2023 to 26/11/20235</li> </ol>	

Document certified by SREELEKHA P  
 എരമം കുറ്റർ ഗ്രാമപഞ്ചായത്ത്  
 Digitally signed by SREELEKHA P  
 Date: 2024.05.02 12:32:55 IST  
 Reason: ILGMS Govt. of kerala

ലൈസൻസി താഴെപ്പറയുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു.

1. കേരള പഞ്ചായത്ത് രാജ് ആക്ടും അതോടനുബന്ധിച്ച ചട്ടങ്ങളും ബൈലോകളും അനുസരിച്ചു പ്രവർത്തിക്കേണ്ടതാകുന്നു.
2. തൊഴിൽസ്ഥലവും അതിലുള്ള സാധനസാമഗ്രികളും പഞ്ചായത്ത് അധികാരികൾക്കോ / സെക്രട്ടറി അധികാരപ്പെടുത്തുന്ന മറ്റ് ഉദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസൻസി വേണ്ട സൗകര്യങ്ങൾ നൽകേണ്ടതും അവർ ആവശ്യപ്പെട്ടാൽ ഈ ലൈസൻസ് കാണിക്കേണ്ടതാകുന്നു.
3. ഏതു സ്ഥലത്തിന്റെ കാര്യത്തിൽ ലൈസൻസ് നൽകിയിരിക്കുന്നുവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണത്തക്കവിധത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസൻസി തന്റെ പേരും ലൈസൻസിന്റെ നമ്പരും ഉദ്ദേശ്യവും കാണിക്കുന്ന ഒരു അടയാളപ്പലക വെച്ചിരിക്കേണ്ടതാണ്.
4. പഞ്ചായത്തിൽനിന്നും അനുവാദം സിദ്ധിച്ച ശേഷമല്ലാതെ തൊഴിൽസ്ഥലം മാറ്റാൻ പാടില്ലാത്തതും തൊഴിൽ നിർത്തുന്ന പക്ഷം വിവരം മുൻകൂട്ടി പഞ്ചായത്തിൽ അറിയിക്കേണ്ടതാകുന്നു.
5. തൊഴിൽസ്ഥലവും പരിസരങ്ങളും വൃത്തിയായും സാമൂഹികരോഗാണുക്കൾ ഉണ്ടാകാത്തവിധത്തിലും പൊതുജനോപദ്രവമാകാത്ത വിധത്തിലും വ്യാപാരത്തിനു വെച്ചിട്ടുള്ള ഭക്ഷണപദാർത്ഥങ്ങൾ ഈച്ച, അണുക്കൾ, പൊടി മുതലായവയുടെ ശല്യം ഉണ്ടാകാത്ത വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ്.
6. ഏതൊരു പ്രവൃത്തിദിവസത്തിന്റെയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേണ്ടതാണ്.
7. ആ സ്ഥലത്തിന്റെയോ പരിസരത്തിന്റെയോ ഏതെങ്കിലും ഭാഗത്ത് വീഴുകയോ നിക്ഷേപിക്കപ്പെടുകയോ ചെയ്യുന്ന ചപ്പുചവറോ മൃഗങ്ങളുടെ അവാഗിഷ്ടങ്ങളോ മറ്റു പദാർത്ഥമോ ശേഖരിച്ച് സെക്രട്ടറിക്ക് തൃപ്തികരമായ രീതിയിൽ നീക്കം ചെയ്യിക്കേണ്ടതാണ്.
8. ലൈസൻസി ഏതൊരു കെട്ടിടത്തിന്റെയും ചുമരുകളുടെ അകവശത്തിന്റെ ഏതൊരു ഭാഗവും മേൽപ്പറഞ്ഞ പരിസരത്തിലുള്ള തറയും നടപ്പാതയും അവിടെ തെറിച്ചുവീഴാനിടയുള്ള ഏതെങ്കിലും ദ്രാവകമോ, മാലിന്യമോ ചപ്പുചവറോ അസഹ്യവും ഉപദ്രവകരവുമായ ഏതെങ്കിലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് തടയാത്തവിധം എപ്പോഴും നന്നായി കേടുപാടു തീർത്തു നിലനിർത്തേണ്ടതാണ്.
9. ലൈസൻസി മേൽപ്പറഞ്ഞ സ്ഥലത്തോ, പരിസരത്തോ അതോടനുബന്ധിച്ചുള്ള ഏതൊരു ഭാവുചാലും അഴുക്കുജലം കളയുന്നതിനുള്ള ഉപകരണവും എപ്പോഴും നന്നായി കേടുപാടുതീർത്തും വെച്ചിരിക്കേണ്ടതാണ്.
10. അധിതം ആചരിക്കുന്ന കടകളുടെ ലൈസൻസ് റദ്ദ് ചെയ്യുന്നതാണ്.
11. ഏതെങ്കിലും തരത്തിലുള്ള തപക്ക് രോഗമോ കഷ്ടരോഗമോ, പ്രണമോ പകർച്ചവ്യാധികളോ ഉള്ള യാതൊരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന സ്ഥലത്തും പരിസരത്തും പ്രവർത്തിക്കുവാൻ പാടില്ലാത്തതാകുന്നു.
12. നിരോധിത പ്ലാസ്റ്റിക് ഇനങ്ങൾ ഉൽപ്പാദിപ്പിക്കുകയോ ശേഖരിക്കുകയോ വിൽക്കുകയോ കൈകാര്യം ചെയ്യുകയോ പാടില്ല.
13. സ്ഥാപനത്തിന്റെ ബോർഡിൽ സ്ഥലനാമം മലയാളത്തിലും ഇംഗ്ലീഷിലും രേഖപ്പെടുത്തേണ്ടതാണ്.
14. 20 സീറ്റിൽ കൂടുതലുള്ള എല്ലാ ഹോട്ടലുകൾക്കും റെസ്റ്റോറന്റുകൾക്കും ടോയിലെറ്റ് സൗകര്യം ഏർപ്പെടുത്തേണ്ടതാണ്.
15. നിരോധിത ഉൽപ്പന്നങ്ങളായ പാൻമസാല, ഗുഡ്ക തുടങ്ങിയവ സംഭരിച്ചു വെക്കുവാനോ വിൽക്കുവാനോ പാടില്ല.
16. ബാലവേല അനുവദിക്കുവാൻ പാടില്ല.
17. മുകളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളുടെ ലംഘനം ഈ ലൈസൻസ് റദ്ദ് ചെയ്യുന്നതിന് കാരണമാകാവുന്നതാണ്.
18. പൊതുഭരണവകുപ്പിന്റെ 13-06-2020ലെ സ.ഉ. (സാധാ) 1877/2020/പൊ.ഭ.വ. ഉത്തരവു പ്രകാരമുള്ള കോവിഡ് പ്രൊട്ടോക്കോൾ പാലിക്കണം.
19. തദ്ദേശ സ്വയം ഭരണ വകുപ്പിന്റെ 22-07-2017ലെ സ.ഉ.(സാധാ) 2511/2017/ത.സ്വ.ഭ.വ. പ്രകാരമുള്ള ഉറവിട മാലിന്യ സംസ്കരണ സംവിധാനം സ്ഥാപിക്കണം.
20. മറ്റ് വകുപ്പുകളിൽ നിന്നും അനുവദിച്ചിട്ടുള്ള പെർമിഷൻ, ലൈസൻസ്, മറ്റ് ക്ലിയറൻസുകൾ എന്നിവ അതത് സമയങ്ങളിൽ പുതുക്കേണ്ടതാകുന്നു. അല്ലാത്ത പക്ഷം പഞ്ചായത്ത് അനുവദിച്ചിട്ടുള്ള ലൈസൻസ് സ്വമേധയാ റദ്ദാകുന്നതാണ്.
- 21.

(ഒപ്പ്)  
സെക്രട്ടറി  
എരമം കുറ്റർ ഗ്രാമപഞ്ചായത്ത്

NE. ഈ ലൈസൻസ് ഡിജിറ്റലായി ഒപ്പ് വെച്ചിട്ടുള്ളതാണ് ആയതിനാൽ പ്രത്യേകമായ ഒപ്പും സീലും ആവശ്യമില്ല. ഈ ലൈസൻസ് അവസാനിക്കുന്ന തീയതിക്ക് മുമ്പുതന്നെ ദിവസത്തിനകം ലൈസൻസ് പുതുക്കുന്നതിനുള്ള അപേക്ഷ സമർപ്പിക്കേണ്ടതാണ്.

**ANNEXURE 5**

**AFFIDAVIT FOR EC CONDITIONS**



കേരളം കേരल KERALA

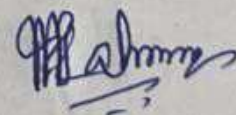
CZ 601565

-1-

AFFIDAVIT

I, M.P Lalu, Owner & Authorized signatory residing at Mankudy House, Kodanad P.O, Kurichilakode, Ernakulam District-683544, Kerala do hereby affirm and confirm as follows:-

Conti...2

  
M.P. LALU

നമ്പർ..... 1126. 15.4.24 ..... KODANAD .  
പേര്..... LALU M.P. MANKUDY .  
വില രൂപ..... 50/-  
പെരിഞ്ഞോം സ. റ. ആ. അഡ്വക്കേറ്റ് വെഞ്ചർ  
എ. ജി. അബ്ദുൽ ജബ്ബാർ.





കേരളം കേരള KERALA

CZ 601566

-2-

Ref: EC No. 76/Q/2023 (File No: 1700/EC4/2020/SEIAA) - Dt20/09/2023

That, I propose to develop a quarry project at Re-Survey No. 74/1D pt, 74/608pt, Re-Survey Block No. 37 at Kuttur Village, Payyannur Taluk, Kannur District, Kerala

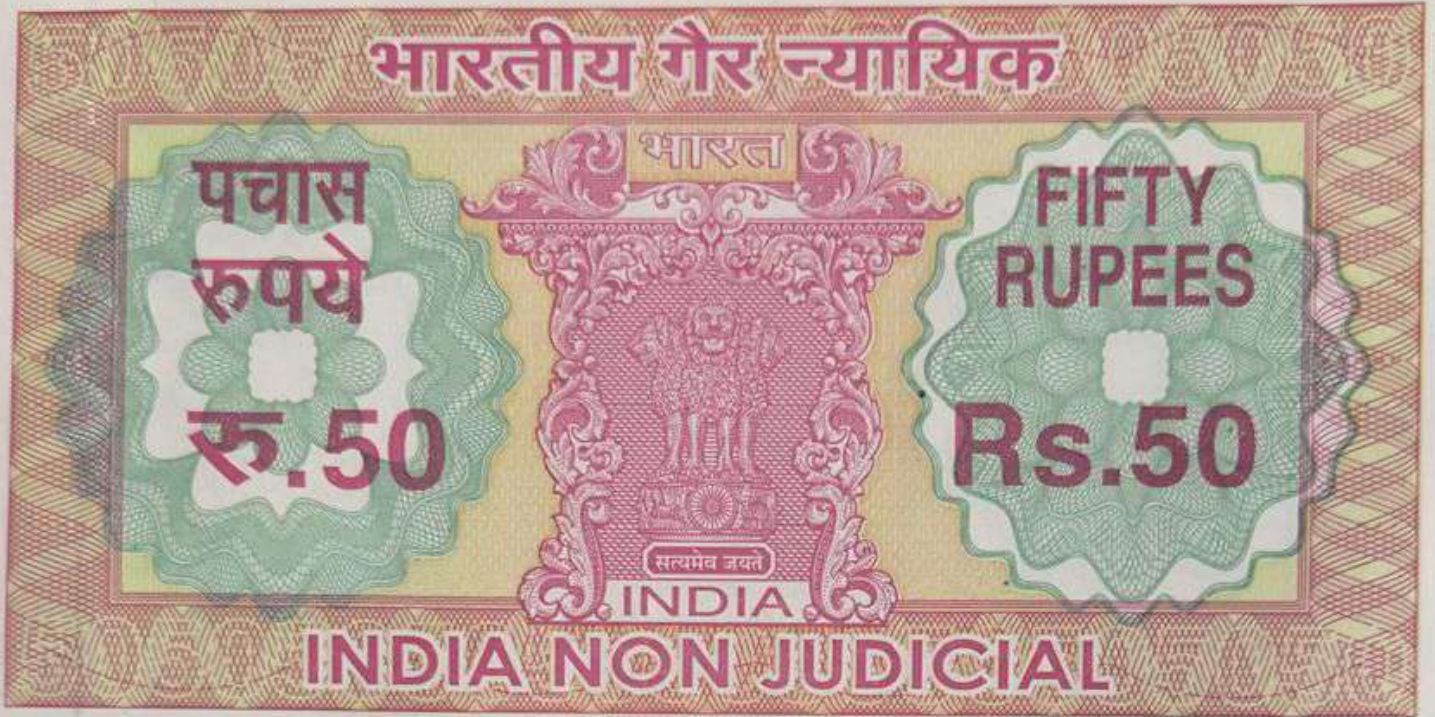
M.P LALU

(DEPONENT)

Conti...3

നമ്പർ... 1127. 15.4.24... KODANAD.  
പേര്... LALU M.P. MANIKUDY.  
വില രൂപ... 50/-  
പെരിശോ: സ. റ. ആ. അഡീഷണൽ സെക്ഷൻ  
എ. ഇ. അബ്ദുൽ അസ്മാദ്.





കേരളം കേരल KERALA

CZ 601567

-3-

1. That, all the conditions stipulated in the Environment Clearance would be scrupulously followed.

M.P LALU  
(DEPONENT)

Cont...4

നമ്പർ... 1128. 15.4.24  
പേര്... M.P. LALU: M.P. KODANAD.  
വില രൂപ... 50/- MANKUDY.  
പെരിഞ്ഞോം സ. റ. ആ. അഡിഷണൽ വെള്ള  
എ. ഇ. അഡ്വക്കേറ്റ് അപ്പാർ.





കേരളം കേരल KERALA

CZ 601568

-4-

Verification:

Verified that my above statements are true to the best of my knowledge and no materials have been concealed therein.

Place: Ernakulam

Date: 15/04/2024

\*\*\*\*

M.P. LALU

നമ്പർ..... 1129. 15.4.24  
പേര്..... LALU M.P. MANKUDY  
വില രൂപ..... 50/-  
പെരിശോം സ. ന. ആ. അധികാരിക്ക് വെക്കൽ  
എ. ജി. അബ്ദുൽ ഖയ്യാർ.





**ANNEXURE 6**

**AFFIDAVIT FOR ECO RESTORATION**



കേരളം കേരള KERALA


CZ 601561

-1-

AFFIDAVIT

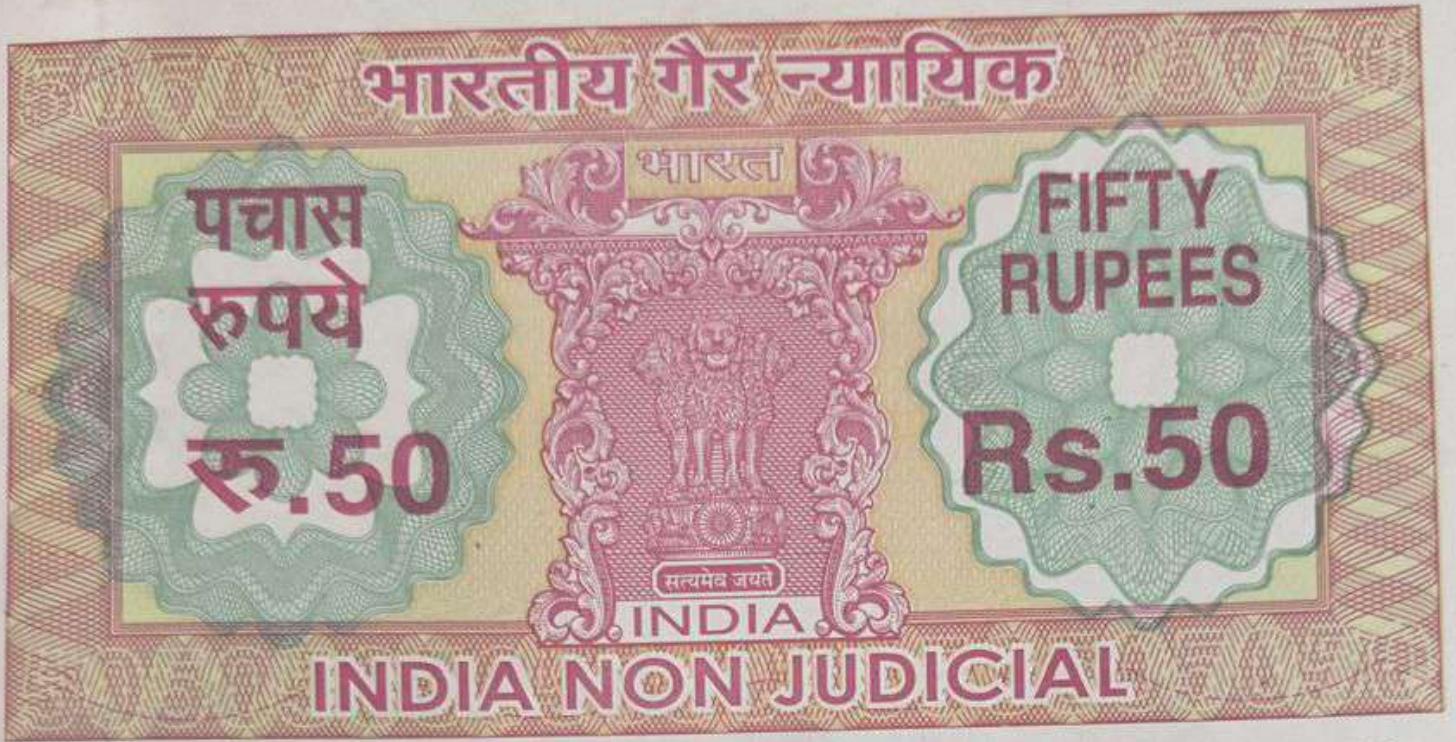
I, M.P Lалу, Owner & Authorized signatory residing at Mankudy House, Kodanad P.O, Kurichilakode, Ernakulam District-683544, Kerala do hereby affirm and confirm as follows:-

Conti.2

  
M.P. LALU

നമ്പർ... 1122. 15.4.24 KODANAD.  
പേര്... LALU, M.P. MANKUDY  
വില രൂപ... 50/-  
പെരിശോം സ. ന. ആ. അഡ്വക്കേറ്റ് വെള്ളി  
എ. അബ്ദുൽ ഝാഫർ.





കേരളം കേരള KERALA

CZ 601562

-2-

Ref: EC No. 76/Q/2023 (File No:1700/EC4/2020/SEIAA) -Dt20/09/2023

1. That, I propose to develop a quarry project at Re-Survey No. 74/1D pt, 74/608pt, Re-Survey Block No. 37atKuttur Village, Payyannur Taluk, Kannur District, Kerala.

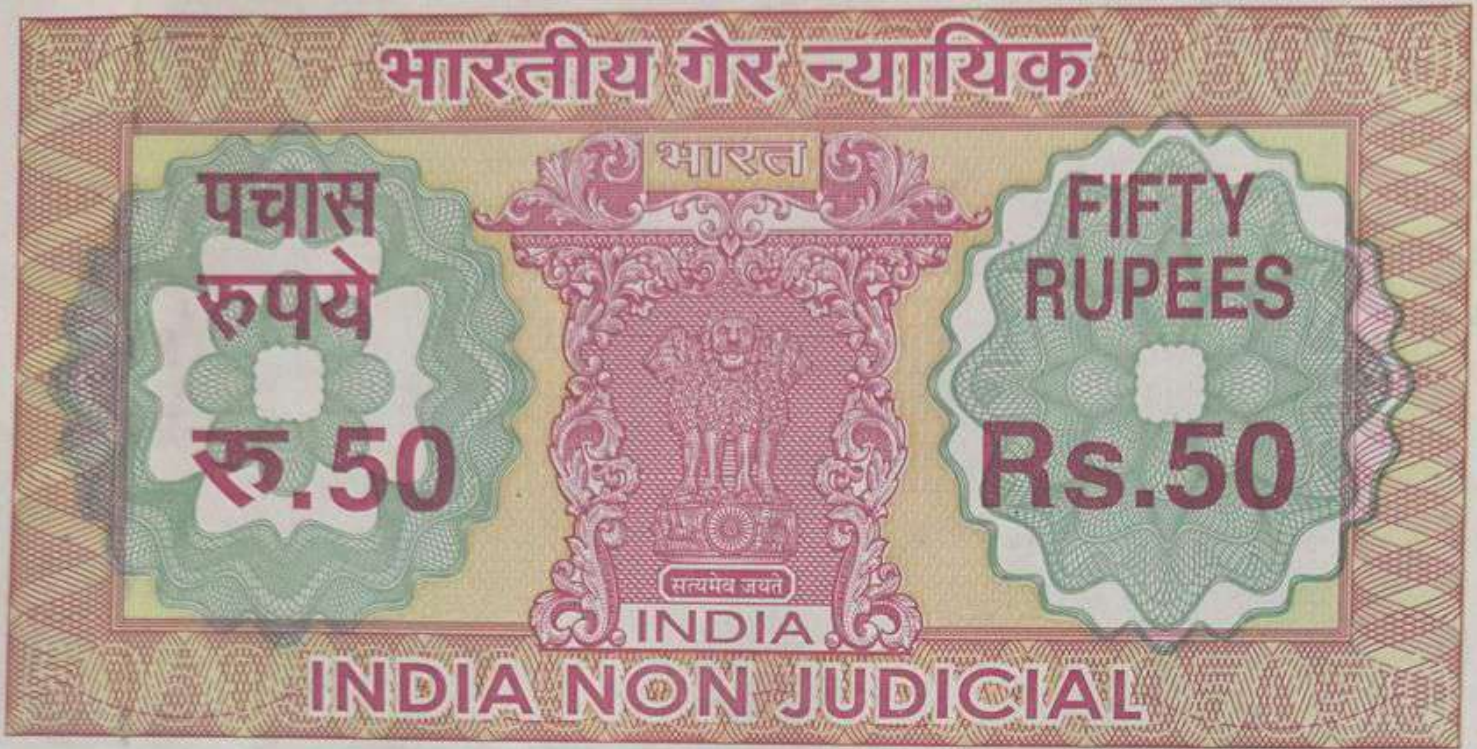
M.P LALU

(DEPONENT)

Conti..3

നമ്പർ..... 1123. 15.4.24 KODANAD.  
പേര്..... LALU M.P. MANKUDY.  
നില ഭൂമി..... S.P./r.....  
പ്രതിരോധം സ. ന. ആ. അധികാരിയുടെ വാങ്ങൽ  
എ. അംഗീകൃതം ഇല്ലാതെ.





കേരളം കേരള KERALA

CZ 601563

-3-

- That, the eco-restoration including the mine closure plan will be done at our expenses.

MP.LALU

(DEPONENT)

Conti...4

നമ്പർ... 1124 15.4.24  
 പേര്... LALU M.P. MARKUDY  
 വില രൂപ... 50/-  
 പെരിങ്ങോം സ. റ. ബു. അഡ്വക്കേറ്റ് റെജിസ്ട്രാർ  
 എ. ജി. അബ്ദുൽ ഇസ്ലാം





കേരളം കേരള KERALA

CZ 601564

-4-

Verification:

Verified that my above statements are true to the best of my knowledge and no materials have been concealed therein.

MP.LALU

(DEPONENT)

Place: Ernakulam

Date: 15/04/2024

\*\*\*\*

നമ്പർ... 1125. 15.4.24. അംഗം KODANAD.  
പേര്... LALU M.P. HANRUDY.  
വില രൂപ... 50/-  
പെരിയോഡ് സി. ടി. അഡ്വക്കേറ്റ് വെള്ളൂർ എ. ടി. അബ്ദുൽ ഖയ്യാർ.



**ANNEXURE 7**  
**JOB AGREEMENT**



കേരളം കേരള KERALA

CY 274331

**JOB AGREEMENT**

On this day 10<sup>th</sup> December 2023 Job undertaking agreement between Mr. M. P. Lalu, Mankudy House, Kodanad P.O,Ernakulam - 683 544, here in after called party of the first part and Mr. Vishnu Devan N, 1-137, West Street, Ninniyur, Sendurai, Ariyalur Tamilnadu 621 714 here in after called party of the second part,

The party of the first part having, Valid Explosive License, Environmental Clearance and it is agreed to conduct quarry blasting work in Re Sy No: 74/1D pt (74/131, 74/134, 74/136) &

**M P Lalu**  
(Party of the First Part)

**Vishnu Devan N**  
(Party of Second Part)

നമ്പര. 20.6.H.R. തയ്യാരി. 1.8.2022. 683544  
കേരളം. കോടനാട്. എ.പി.ഒ. മ.പി.ലാലു  
നിയമ ഭാഗം. 100  
പെരിയറോം നമ്പ. 74/1D. പ്ല. 74/131, 74/134, 74/136  
യ. ഭി. വ്യ.







**ANNEXURE 8**  
**COPY OF EXPLOSIVE LICENSE**

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

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

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

अनुज्ञप्ति सं. (Licence No.) : E/SE/KL/22/301(E128860)

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

1. Licence is hereby granted to

Shri M. P. Lal (अधिभोगी / Occupier : Shri M P Lal), Mankudy House,Kodanad P.O,Kurichilakode, Town/Village - Kuttoor, District-KANNUR, State-Kerala, Pincode - 670306



को अनुज्ञप्ति अनुदत्त की जाती है।

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

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमाम्य है।

Licence is valid only for the following purpose.

possess for use of **Nitrate Mixture, Safety Fuse, Ordinary/Electric/Non Electric Detonators**, - के उपयोग के लिए

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

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

क्र Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में Quantity at any one time
1.	Nitrate Mixture	2,0	0	400 Kg.
2.	Safety Fuse	6,1	0	1647 Mtrs
3.	Ordinary/Electric/Non Electric Detonators	6,3	0	10000 Nos.

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

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

5 times  
as above.

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

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

रेखाचित्र क्र. (Drawing No.) E/SE/KL/22/301(E128860)

दिनांक (Dated) 23/10/2023

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

Survey No. 74/666, ग्राम (Town/Village) : Kuttoor Amsom Desom, Pavyannur Taluk  
पुलिस थाना (Police Station) : Peringome

जिला (District) KANNUR राज्य (State) Kerala पिनकोड (Pincode) 670306  
दूरभाष (Phone) 9961234432 ई. मेल (E-Mail) raniabi123@gmail.com फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

The licensed premises consist of following facilities.

Two portable magazines of A type ( No.028)& C type (no.23) fabricated by M/s.Everest  
Granites, Ernakulam

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

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

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

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

2. अनुज्ञप्ति प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञप्ति की 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 अनुज्ञप्ति तारीख 31 मार्च 2025 तक विधिमाम्य रहेगी। This licence shall remain valid till 31st day of March 2025.

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

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

तारीख | The Date - 11/11/2020

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

Amendments :

• Amendment in Drawings/Facilities/Premises dated : 07/12/2020

• Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 23/10/2023

नवीनीकरण के पृष्ठांकन के लिए स्थान  
Space for Endorsement of Renewal

नवीकरण की तारीख  
Date of Renewal

समाप्ति की तारीख  
Date of Expiry

अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प  
Signature of licensing authority and stamp

**कानूनी चेतावनी : विस्फोटकों को गलत ढंग से चलाने या उनका दुरुपयोग विधि के अधीन गंभीर दांडिक अपराध होगा।**  
**Statutory Warning : Mishandling and misuse of explosives shall constitute serious criminal offence under the law.**

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



GOVERNMENT OF INDIA  
MINISTRY OF COMMERCE & INDUSTRY  
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION(PESO)  
(Formerly Department of Explosives)  
Kendriya Bhavan, Block C-2, 3rd Floor  
CSEZ PO Kakkanad Dist. Ernakulam Ernakulam 682037  
Tele: 2427286 Fax: 2427276  
Email: dyccernakulam@explosives.gov.in

No: E/SE/KL/22/301(E128860)

Dated : 11/11/2020

To,  
Shri M. P. Lata,  
Mankudy House, Kodanad P.O, Kurichilakode  
Town/Village - Kuttoor  
Distt. KANNUR, State. Kerala, Pincode-670306

Subject: Possession for Use of Explosives from magazine at Survey No.:74/666, Village/Town. Kuttoor  
Amsom Desom, Payyannur Taluk, Distt. KANNUR, State Kerala Licence No.:  
E/SE/KL/22/301(E128860) granted in Form LE-3 of Explosives Rules, 2008 -Endorsement  
regarding

Sir(s),

Reference memo No.: E/SE/KL/22/301(E128860) Dated 11/11/2020 from Dy. Chief Controller of Explosives,  
Ernakulam and inspection of the subject premises by an officer of this organization on 08/11/2020.

The subject licence No. E/SE/KL/22/301(E128860) valid upto 31st March 2025 duly endorsed as required under  
Rule 107(3) of the Explosives Rules 2008 is forwarded herewith.

For further renewal of licence, please submit following documents so as to reach this office on or before  
31/03/2025.

- Application in Form RE-1 duly filled in and signed.
  - 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.
  - Original licence with approved plan.
  - In this connection, please also refer to Rule 112 of Explosives Rules, 2008.
- 
- 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)
  - 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)
  - 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.

Yours faithfully,

(S Saravanan)

Dy. Controller of Explosives  
For Dy. Chief Controller of Explosives  
കുൽ ഉപ മുഖ്യ വിസ്കാസ സുരക്ഷാ കമ്മീഷണർ  
For Deputy Chief Controller of Explosives  
എറണാകുളം Ernakulam

Copy Forwarded to:

1. District Magistrate, KANNUR, Kerala with reference to his Noc No: DCKNR/4747/2019-D4 Dated: 17/06/2020.

For Dy. Chief Controller of Explosives,  
Ernakulam

[For more information regarding status, fees and other details, please visit our web site <http://explosives.gov.in>]



भारत सरकार | Government of India

वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry

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

पूर्व नाम: विस्फोटक विभाग | Formerly- Department of Explosives

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

CSEZ पी.ओ.कक्कनाड कोच्ची | CSEZ PO Kakkanad Dist. Ernakulam Ernakulam 682037

फोन (Phone)- 2427286 | फेक्स (Fax)- 2427276

संख्या (No.): E/SE/KL/22/301(E128860)

दिनांक (Date): 11/11/2020

ज्ञापन | Memorandum

विषय: Survey No.74/666, ग्राम Kuttoor Amsom Desom, Payyannur Taluk, जिला KANNUR, राज्य Kerala में मेसर्स Shri M. P. Lulu द्वारा विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SE/KL/22/301(E128860) - अनुज्ञप्ति जारी करने के संदर्भ में।

Subject: Possession for Use of Explosives in a magazine situated at Survey No.:74/666, Kuttoor Amsom Desom, Payyannur Taluk, Distt. KANNUR, State. Kerala of Shri M. P. Lulu Licence No : E/SE/KL/22/301(E128860) granted in Form LE-3 of Explosives Rules, 2008 - Issue of Licence regarding

मेसर्स Shri M. P. Lulu, Mankudy House, Kodanad P.O, Kurichilakode, Kuttoor, Distt. KANNUR, State. Kerala को दिनांक 31 मार्च 2025 को समाप्त समयावधि के लिए जारी Survey No.:74/666, Kuttoor Amsom Desom, Payyannur Taluk, KANNUR, Kerala स्थित मैगजीन में विस्फोटक के उपयोग हेतु कब्जा के लिए जारी अनुज्ञप्ति संख्या E/SE/KL/22/301(E128860) की दो प्रतियां इस कार्यालय को प्रेषित की जा रही है। अनुरोध है कि यदि वे इस बात से संतुष्ट हैं कि अनुज्ञप्ति में दी गई सभी शर्तों का अनुपालन हुआ है, जैसा कि विस्फोटक नियम, 2008 के नियम 107(3) के अंतर्गत आवश्यक है, तो अनुज्ञप्ति की मूल प्रति पृष्ठांकित करें और जिला राजस्व अधिकारी, District Magistrate, KANNUR, Kerala को सूचित करते हुए अनुज्ञप्ति सीधे अनुज्ञप्तिधारी को अग्रेषित करें और अनुज्ञप्ति की एक प्रति कार्यालय रिकार्ड हेतु रखें। तथापि, यदि वे अनुज्ञप्ति पृष्ठांकित नहीं करने का निर्णय लेते हैं तो तुरंत कारण बताते हुए अनुज्ञप्ति को तीन महीनों के भीतर इस कार्यालय को लौटा दें।

Two copies of Licence No.: E/SE/KL/22/301(E128860) granted to Shri M. P. Lulu, Mankudy House, Kodanad P.O, Kurichilakode, Kuttoor, Distt. KANNUR, State. Kerala for the period ending 31<sup>st</sup> March 2025 to Possess for Use Explosives from their magazine situated at Survey No.:74/666, Kuttoor Amsom Desom, Payyannur Taluk, KANNUR, Kerala are forwarded herewith to this office with the request that if he is satisfied that all the conditions prescribed in the licence have been complied with, the original copy of the same may be endorsed as required under rule 107(3) of the Explosives Rules, 2008 and forwarded to the licensee directly with an intimation to the District Magistrate, KANNUR, Kerala and this office, retaining the other copy of the licence for his office record. However, if he decides not to endorse the licence, he should immediately return the same to this office together with a statement of his reasons for not endorsing the licence, not later than three months.

(एस. सरवन्नन | S Saravanan)

उप विस्फोटक नियंत्रक | Dy. Controller of Explosives

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

कृते उप मुख्य विस्फोटक नियंत्रक

For Deputy Chief Controller of Explosives

एरनाकुलम Ernakulam

सेवा में | To,

इस कार्यालय

this office

प्रतिलिपि प्रेषित | Copy Forwarded to:

1. Shri M. P. Lulu, Mankudy House, Kodanad P.O, Kurichilakode, Kuttoor - 670306, Distt. KANNUR, State. Kerala उनके दिनांक 09/11/2020 के आवेदन के संदर्भ में। With reference to their application dated 09/11/2020. जब तक संगठन के अधिकारी द्वारा मैगजीन का निरीक्षण तथा विस्फोटक नियम, 2008 के नियम 107(3) के अंतर्गत अनुज्ञप्ति विधिवत पृष्ठांकित नहीं हो जाती, मैगजीन उपयोग में नहीं लाया जाए। अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/2025 से पहले इस कार्यालय को भेजे जाएं।
  - प्रारूप आरई-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन।
  - एक से पाँच वर्ष के अनुज्ञप्ति शुल्को का, विस्फोटक नियम, 2008 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से लाइसेंस शुल्क ऑनलाइन जमा किया जाना है।
  - LE-3 में मूल अनुज्ञप्ति।
  - कृपया इस संबंध में विस्फोटक नियम, 2008 के नियम 112 का भी संदर्भ ग्रहण करें।

The magazine shall not be taken into use unless inspected by an officer of this organisation and licence duly endorsed under Rule 107(3) of Explosives Rules 2008. For further renewal of licence, please submit the following documents so as to reach this office on or before 31/03/2025.

- Application in Form RE-1 duly filled in and signed.
  - 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.
  - Original licence in Form LE-3.
  - In this connection, please also refer to Rule 112 of Explosives Rules 2008.
2. **District Magistrate, KANNUR, Kerala with reference to his Noc No: DCKNR/4747/2019-D4 Dated: 17/06/2020**  
अनुमोदित प्लान तथा अन्य दस्तावेजों के साथ अनुज्ञप्ति की एक प्रति आपके कार्यालय रिकार्ड हेतु भेजी जा रही है।  
A copy of licence along with approved plan and other enclosures are forwarded for his office record.  
अनुरोध है कि विस्फोटक नियम, 2008 के नियम 21(2) के प्रावधानों के अनुसार कारखाना / मैगजीन साइट में तैनात सुरक्षा गार्ड / व्यवस्था का आकलन किया जाए।  
He is requested to assess the security guards/arrangements provided at the factory/magazine site as required under Rule 21(2) of Explosives Rules, 2008.
3. **Superintendent of Police, KANNUR, Kerala**  
अनुमोदित प्लान तथा अन्य दस्तावेजों के साथ अनुज्ञप्ति की एक प्रति आपके कार्यालय रिकार्ड हेतु भेजी जा रही है।  
A copy of licence along with approved plan and other enclosures are forwarded for his office record.

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

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

(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 अनुज्ञप्ति सं. E/SE/KL/22/301(E128860) की शर्तें निम्नलिखित हैं।

The following are the conditions of licence number E/SE/KL/22/301(E128860) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c) ) granted by Chief controller of Explosives or Controller of Explosives.

- परिसर में किसी भी समय विस्फोटकों की मात्रा अनुज्ञापन योग्य सामर्थ्य से अधिक नहीं होगी।  
The quantity of explosives on the premises at any one time shall not exceed the licensable capacity.
- विस्फोटकों के भंडारण के लिए प्रयुक्तर होने वाली मैगजीन अनुसूची III और अनुज्ञप्ति के उपाबंध में विनिर्दिष्ट सुरक्षा दूरी बनाए रखना होगा।  
The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to the licence.
- मैगजीन का प्रयोग उन सभी विस्फोटकों के, जो इस अनुज्ञप्ति में विनिर्दिष्ट हैं, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं।  
The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
- पैकजों को खोलने का कार्य और विस्फोटकों को तोलने तथा पैक करने का कार्य मैगजीन में नहीं किया जाएगा।  
The opening of packages and the weighing and packing of explosives shall not be carried on in the magazine.
- दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर पृथक कर दिया जाए कि किसी वजह से विस्फोटक में लगने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटक तक न पहुंच सके; परंतु  
(घ) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पलीते और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेरक पलीते, जिनमें कोई खुला लोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थायन के रखे जा सकते हैं।  
(ङ) वर्ग 6 प्रभाग 3 के अंतर्गत आनेवाले विस्फोटक प्रेरक अलग रखे जाएंगे।  
(च) वर्ग 1 के अंतर्गत आने वाले बारूद को अलग रखा जाएगा।  
Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other; Provided that—  
(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space ;  
(e) Detonators belonging to Class 6 Division 3 shall be kept separately.  
(f) Gun powder belonging to Class 1 shall be kept separately.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुज्ञापन प्राधिकारी की विशेष मंजूरी के मैगजीन में नहीं रखा जाएगा।  
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी दे दी हो।  
(i) जब ऐसी मंजूरी दे दी गई हो तो प्रत्येक निरीक्षण पर किसी विस्फोटक नियंत्रक से ऐसा लिखित प्रमाणपत्र अभिप्राप्त कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आनेवाली अवधि दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुज्ञप्तिधारी 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 विन्ह प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञप्तिधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करें।  
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.  
(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.  
(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.
- मैगजीन के भीतरी भाग या उसमें लगी बेंचो, शैल्फों और उराकी फिटिंग का इस प्रकार सन्निर्माण किया जाएगा या उन्हें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोका जा सके। भीतरी भाग में लगी बेंचो, शैल्फें और फिटिंग यथासाध्य ग्रिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सम्यक सावधानी बरती जाएगी कि वहां कोई जल मौजूद न रहे; परंतु किसी लोहे या इस्पात के खुले होने के विरुद्ध सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बाधेकर 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 निष्पन्न करता है तो अनुज्ञापितधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञापितधारी द्वारा पश्चात्वर्ती प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तड़ित चालक को समाधान-प्रद 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 प्रभावी 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 event 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 सम्पन्न उपबंध किया जाएगा कि फैक्ट्री परिसर में अग्नि, दियारालाई 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 बाध कर नहीं होगा जिससे भिन्न कोई विस्फोटक नहीं रखा गया है ।

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

11. अनुज्ञापितधारी 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 नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग को 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 अनुज्ञापितधारी ऐसी किसी शर्त का अनुपालन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्दिष्ट करें ।  
No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.

13. मैगजीन सभी समयों पर अच्छी मरम्मत की स्थिति में बनाई रखी जाएगी (या अच्छी हालत में बनाई रखी जाएगी) यदि किसी कारणवश किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुज्ञापितधारी इस बात की सूचना अनुज्ञापन प्राधिकारी को तुरंत देगा ।  
Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason whatsoever.

14. मैगजीन का अनुज्ञापितधारी इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा ।  
The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.  
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 विनाष्ट हुआ अथवा अनुपयोगी जाया जाता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को, सलाह प्राप्त करने के लिए, तुरंत दी जाएगी ।  
The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.

16. विस्फोटकों के पैकेटों के चट्टे इस प्रकार लगाए जाएंगे कि कम से कम एक व्यक्ति भण्डार किए गए सभी पैकेजों की हालत की जांच करने और प्रत्येक पैकेज की विनिर्माण विविधियों को पढ़ने के लिए उनके बीच से होकर आ जा सके ।  
The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.

17. तड़ित चालकों की भूमि के लिए प्रतिरोध यथासंभव न्यूनतम होगा और किसी भी दशा में 10 ओहम से अधिक नहीं होगा ।  
The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.  
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 पैकेजों 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. अनुज्ञापिधारी 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 अनुज्ञत परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबंधों और सुरक्षा स्थितियों को सम्यक्तः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी।  
Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.
  23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञापिधारक को अनुज्ञत परिसरों या मशीनरी, टूल या उपकरण में ऐसी कोई मरम्मत या परिवर्धन या परिवर्तन करने या सिफारिशों को लागू करने को लिखित रूप में सूचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञापिधारक 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 licence shall execute the recommendations and report compliance within the period specified by such authority.
  24. अनुज्ञापिधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञत फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पलौते 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<sub>10</sub> (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. अनुज्ञपिधारी 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 मुख्या विस्फोटक नियंत्रक  
 For Dy. Chief Controller of Explosives  
 कृते उप उपमुख्या विस्फोटक नियंत्रक  
 For Deputy Chief Controller of Explosives  
 एरनाकुलम Ernakulam

**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/22/301(E128860) in form LF-3 granted to Shri M. P. Lahu, Mankudy House, Kodanad P.O, Kurichilakode, Kerala-670306.

Type of Structure(s)	Safety distances meters	
	M	UM
<b>Inside Safety Distances(ISD)</b>		
1 Room or Workshop used in Connection with the Magazine	11	17
2 Any other Explosives Magazine or store House or Factory of the Applicant		
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		33
9 Private Road which is PRINCIPAL means of access to a Temple, Mosque, Church, Gurudwara or other places of worships, Hospital, College, School or Factory		
10 River Embankment or Sea Embankment or Public Well		
11 Reservoir or Bounded tank/rope way		
12 Windmillor or Solar panel for Power Generation		
<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		45
19 Building or Works used for Storage and Manufacture of Explosives or of articles which contain Explosives		
20 Aerodrome		
21 Furnace, Kiln or Chimney		
22 Quarry or mine pit head		
23 Power House or Electric Substation		
24 Wireless Station		
25 Warehouse or other Storage Building		
26 Any other Protected works		
<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 : 11/11/2020

  
 For Dy. Chief Controller of Explosives  
 എൻ.പി. മുഖ്യ വിസ്ഫോടക നിയന്ത്രിക  
 Ernakulam  
 For Deputy Chief Controller of Explosives  
 എൻ.പി. മുഖ്യ വിസ്ഫോടക നിയന്ത്രിക  
 Ernakulam

PLAN SHOWS EXPLOSIVE MAGAZINES IN SY: No: 74/666. AT KUTTOOR VILLAGE, PAYYANNUR TALUK, KANNUR DISTRICT, KERALA STATE

M.P LALU

NAME AND ADDRESS OF APPLICANT

Mr. M.P LALU  
S/o M.K PAVITHRAN  
MANKUDY HOUSE  
KODANAD P.O  
KURICHILAKODE  
ERNAKULAM DISTRICT  
KERALA STATE  
PIN 683 544

MAGAZINE PREMISES DETAILS

STATE : KERALA  
DISTRICT : KANNUR  
TALUK : PAYYANNUR  
VILLAGE : KUTTOOR  
MAGAZINE Sy.No : 74/666  
POLICE STATION : PERINGOME  
FIRE STATION : PERINGOME  
RAILWAY STATION : PAYYANNUR

QUARRY DETAILS

STATE : KERALA  
DISTRICT : KANNUR  
TALUK : PAYYANNUR  
VILLAGE : KUTTOOR  
Sy.No : 74/10 pt, 74/608 pt  
POLICE STATION : PERINGOME  
FIRE STATION : PERINGOME  
RAILWAY STATION : PAYYANNUR

MAGAZINE CAPACITY

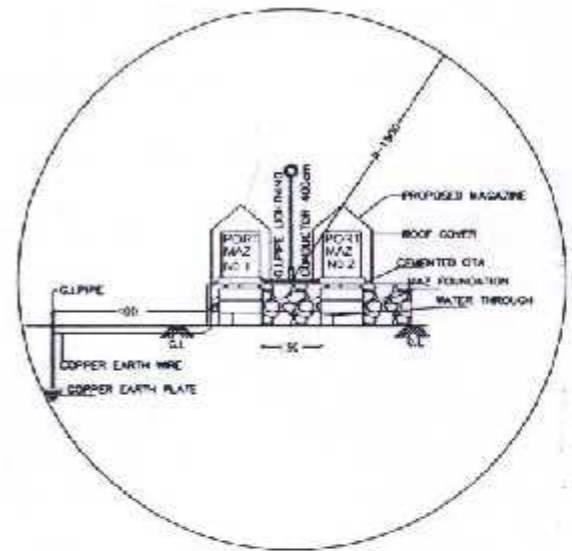
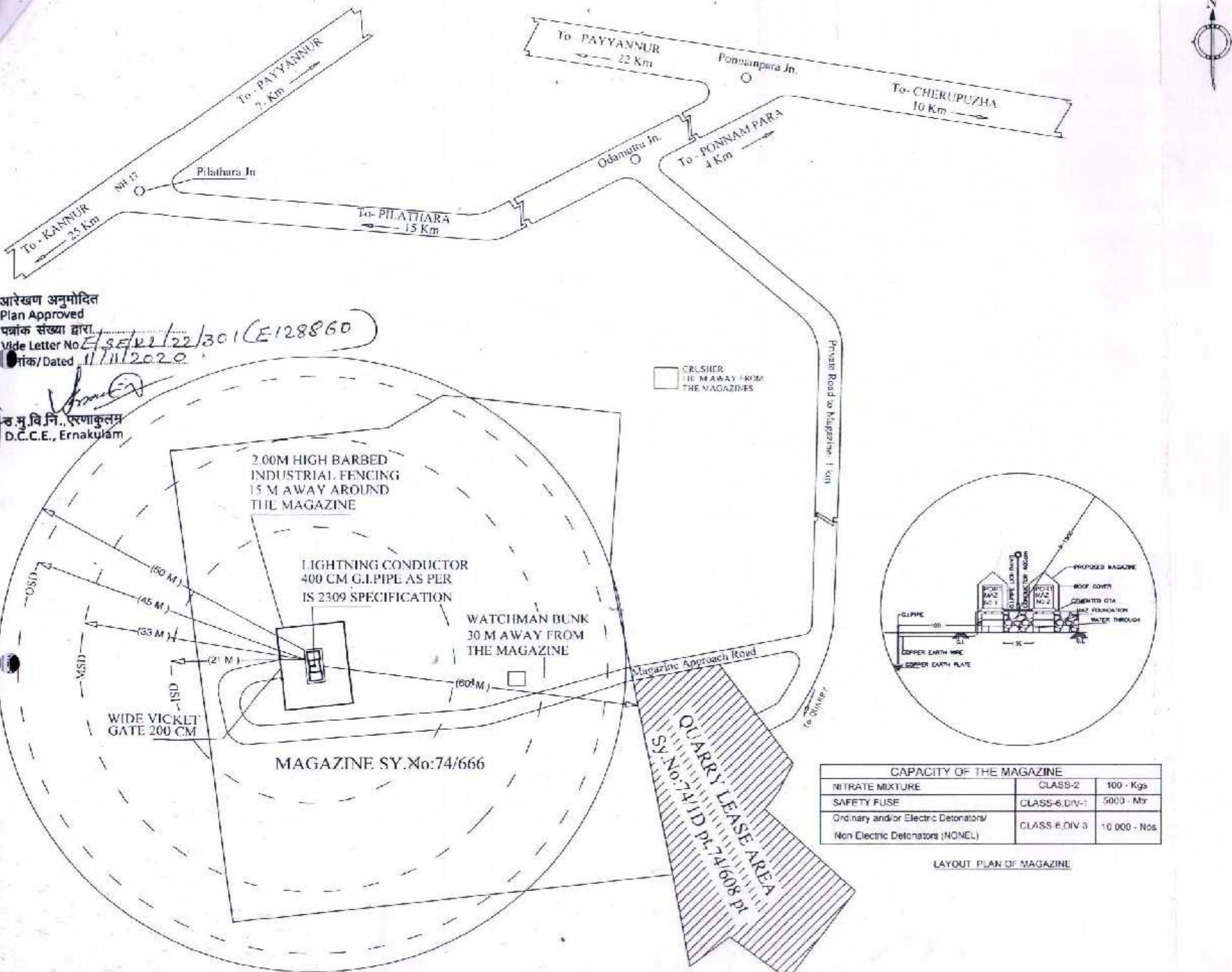
NITRATE MIXTURE : 100 - Kgs  
SAFETY FUSE : 5000 - Mtr  
Ordinary and/or Electric Detonators /  
Non Electric Detonators (NONEL) : 10,000 - Nos

NAME AND SIGNATURE OF APPLICANT

NAME : Mr. M.P LALU  
SIGNATURE : *[Signature]*

OFFICE USE

DRAWING NO : AMA/EX/MPL/123568/19-20



CAPACITY OF THE MAGAZINE		
NITRATE MIXTURE	CLASS-2	100 - Kgs
SAFETY FUSE	CLASS-6, DIV-1	5000 - Mtr
Ordinary and/or Electric Detonators/	CLASS-8, DIV-3	10,000 - Nos
Non Electric Detonators (NONEL)		

LAYOUT PLAN OF MAGAZINE

आरेखण अनुमोदित  
Plan Approved  
पत्रांक संख्या द्वारा  
Vide Letter No. E/SE/22/301 (E128860)  
दिनांक/Dated 11/11/2020

ड.मु.वि.नि., एरणाकुलम  
D.C.C.E., Ernakulam

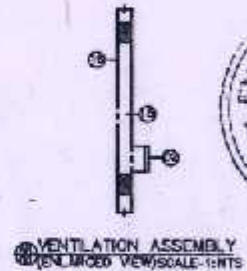
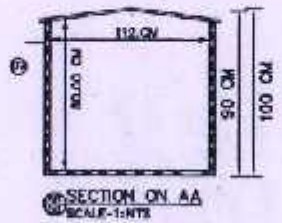
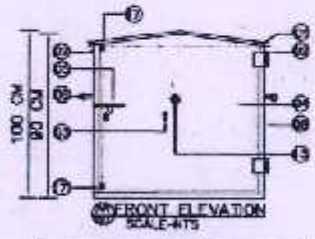
**'B' & 'D' TYPE MAGAZINE**  
**"AIKKARAKUDIYIL-2 & 4 MODEL"**

**B-TYPE-EACH MAGAZINE ACCOMMODATES (I) 250KGS.EXPLOSEVES (CLASS-2) OR (II) 7,000 METERS DETONATING FUSE/SAFETY FUSE (III) 7,500 Nos. ELECTRIC DETONATORS OR (IV) 15,000 Nos. ORDINARY DETONATORS OR(V) 3,000 Nos. ELECTRIC DETONATORS & 7,500 Nos. ORDINARY DETONATORS OR (VI) 125 Kgs. OF EXPLOSIVE AND 4,000 METERS OF DETONATING FUSE/SAFETY FUSE**

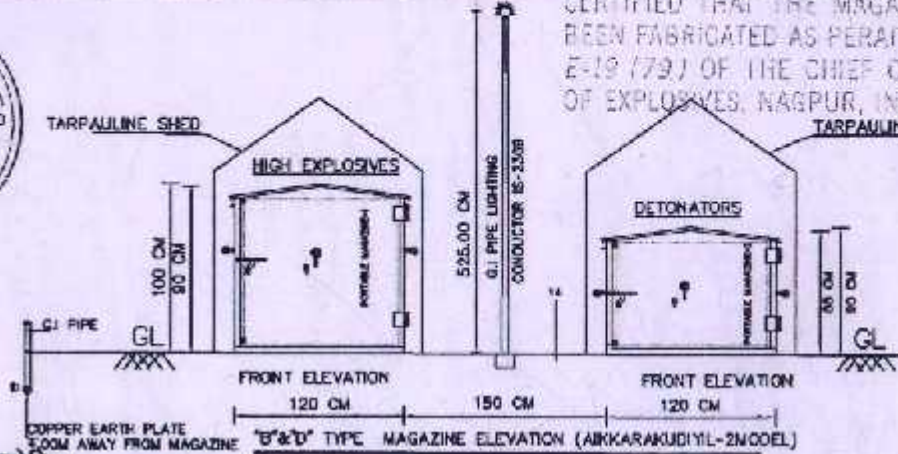
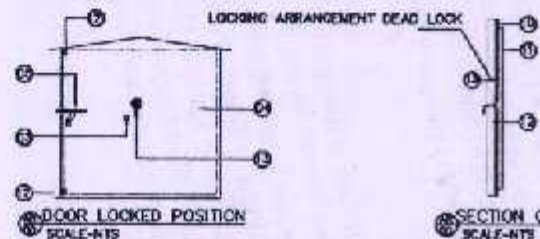
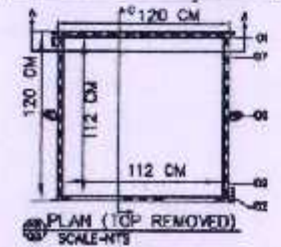
**D-TYPE-BACH MAGAZINE ACCOMMODATES (I) 100Kgs.EXPLOSEVES (CLASS-2) OR (II) 4,000 METERS DETONATING FUSE/SAFETY FUSE (III) 4,500 Nos. ELECTRIC DETONATORS OR (IV) 10,000 Nos. ORDINARY DETONATORS OR (V) 2,000Nos. ELECTRIC DETONATORS & 5,000 Nos. ORDINARY DETONATORS OR (VI) 50 Kgs. OF EXPLOSIVE AND 2,000 METERS OF DETONATING FUSE/SAFETY FUSE**

**ARRANGEMENT OF TWO PORTABLE MAGAZINES AND INSTALLATION OF LIGHTING ARRESTOR AS PER IS-2309**

CERTIFIED THAT THE MAGAZINES HAVE BEEN FABRICATED AS PER APPROVAL NO. E-19 (79) OF THE CHIEF CONTROLLER OF EXPLOSIVES, NAGPUR, INDIA.



INSIDE VOLUME  
112.00CM X 112.90CM X 90.00CM



**LAY OUT OF THE MAGAZINE**

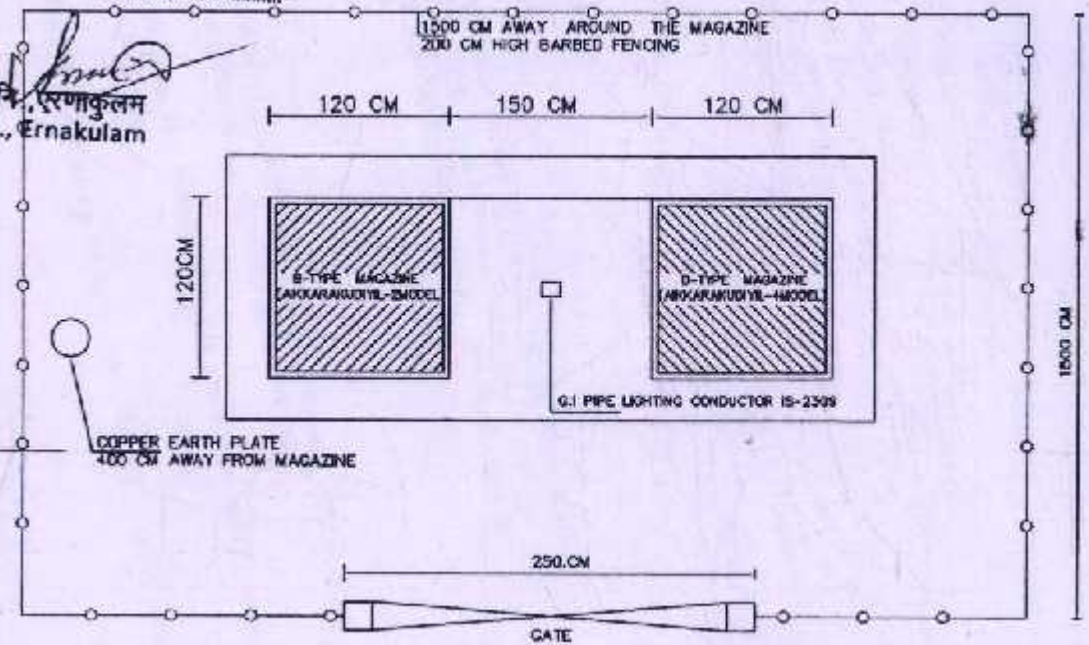
अरेखण अनुमोदित  
 Plan Approved  
 पत्रांक संख्या द्वारा  
 Vide Letter No. ELSEVT/22/301 (E128860) 1500 CM  
 दिनांक/Dated 11/11/2020

REFERENCE	NAME AND ADDRESS OF APPROVED FABRICATORS
01	5MM THICK WROUGHT IRON PLATE
02	VENTILATORS WITH COVER
03	DEAD LOCK
04	DOOR
05	LOCKING ARRANGEMENT ALL DROP
06	LIFTING RING
07	10MM THICK WOODEN LINING FOR SIDE AND TOP
08	DOOR HINGES
09	CHANNELS
10	BRASS BOLT HOLE
11	20MM THICK WOODEN LINING FOR SIDE
12	5MM THICK WROUGHT IRON PLATE
13	LOCKING ARRANGEMENT DEAD LOCK
14	CEMENTED GTA
15	AIR GAP
16	PLY WOOD FOR WALLS
17	PAD LOCK
DRAWING NO. EX/HQ/PM/000/001/11-12	
DATE-30/11/20	
SCALE- NOT IN SCALE (M.T.S)	
ALL DIMENSIONS ARE IN CENTIMETERS (CM)	

**EVEREST GRANITES**  
 WEST, VENGOLA (P.O),  
 ERANAKULAM, (Dist), KERALA.  
 PIN-683558,  
 PH-0484-3299328, FAX-0484-4032294,  
 E-mail- everestgranites@gmail.com  
**C.C.E APPROVAL No: E-19(79)**

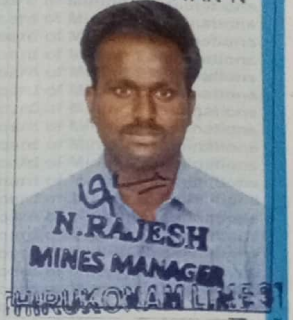
AUTHORISED SIGNATORY WITH SEAL OF APPROVED FABRICATOR

For EVEREST GRANITE:  
  
 Mg. Partner



## **ANNEXURE 9**

### **LICENSE OF QUALIFIED PERSON**



Cert No. SMR-E /7853

भारत सरकार/Government of India

खान अधिनियम, 1952/Mines Act, 1952

खनन परीक्षा बोर्ड/Board of Mining Examinations

द्वितीय श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र

**SECOND CLASS MANAGER'S CERTIFICATE OF COMPETENCY**

(केवल ओपनकास्ट खानों तक सीमित)

(Restricted to mines having opencast workings only)

(धात्विकीय खान विनियम, 1961 के अन्तर्गत)

(Under the Metalliferous Mines Regulations, 1961)

श्री विष्णु देवन एन सुपुत्र नटराजन सी  
 जिनकी जन्म तिथि 03.08.1998 है, को विहित अर्हताएं एवं अनुभव प्राप्त करने  
 का सन्तोषजनक प्रमाण प्रस्तुत करने पर एतद्वारा केवल ओपनकास्ट धात्विकीय खानों के प्रबंधन हेतु  
 द्वितीय श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र प्रदान किया जाता है। यह प्रमाण-पत्र दिनांक 01 अप्रैल 2022  
 से प्रभावी है।

Shri VISHNU DEVAN N son of NATARAJAN C  
 born on 03 AUGUST 1998 having given satisfactory evidence of possessing  
 the prescribed qualifications and experience is hereby granted SECOND CLASS MANAGER'S  
 CERTIFICATE OF COMPETENCY to manage the metalliferous mines having opencast workings  
 only. This certificate is effective from 01.04.2022

सचिव

खनन परीक्षा बोर्ड

Secretary

Board of Mining  
Examinations

अध्यक्ष

खनन परीक्षा बोर्ड

Chairman

Board of Mining  
Examinations

Signed and Sealed

Date 29/07/2022

**SMR-E**

To

VISHNU DEVAN N

**Home Address**

Village 1-137, WEST STREET, NINNIYUR  
PO SENDURAI  
Police Station SENDURAI  
District ARIYALUR  
State TAMILNADU-621714

प्रमाणित किया जाता है कि उनकी सक्षम चिकित्सा अधिकारी द्वारा स्वास्थ्य परीक्षा कर  
खान में कार्य करने के लिए स्वस्थ घोषित किया जाता है ।

Certified that he has been examined by qualified medical  
officer and declared fit for employment in mines.

1 \_\_\_\_\_ को 2 \_\_\_\_\_ को  
On On

3 \_\_\_\_\_ को 4 \_\_\_\_\_ को  
On On

5 \_\_\_\_\_ को 6 \_\_\_\_\_ को  
On On

7 \_\_\_\_\_ को 8 \_\_\_\_\_ को  
On On

9 \_\_\_\_\_ को 10 \_\_\_\_\_ को  
On On

Prepared by

Checked by

**ANNEXURE 10**  
**MONITORING REPORTS**



**TEST REPORT**

ULR No: TC1293924000008108F

LRI No.: SEAAL24040679A

Date: 06-04-2024

Page 1 of 1

**CUSTOMER DETAILS**

Customer Name & Address	<b>Mr. M.P Lalu</b> Kuttur, Payyanur, Kannur District.
Customer Reference	Test Request date: 02-04-2024

**SAMPLE DETAILS**

Product Category	Atmospheric Pollution	Sample Code	EN24040084
Sample Name	Ambient Air	Sample Received on	03-04-2024
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	04-04-2024
Sampled by	Lab Authorized Sampler	Test Completed on	05-04-2024

**DETAILS OF SAMPLING**

Sampling Location	East Side Boundary	Date of Sampling	02-04-2024
Sampling Procedure	SEAAL/CHL/SOP/7.3/02	Humidity	70 %

**SAMPLING SITE DETAILS**

Survey No.	74/1D pt,74/608pt		
Village	Kuttur	Taluk	Payannur
District	Kannur	State	Kerala

**TEST RESULTS-CHEMICAL DISCIPLINE**

SL NO	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARD
1	Particulate matter ,PM <sub>10</sub>	IS 5182 (Part 23): 2006	µg/m <sup>3</sup>	61.8	100 (Max)
2	Particulate matter ,PM <sub>2.5</sub>	IS 5182 (Part 24): 2019	µg/m <sup>3</sup>	28.1	60.0 (Max)
3	Sulphur dioxide as SO <sub>2</sub>	IS 5182 (Part 2): 2001	µg/m <sup>3</sup>	5.19	80.0 (Max)
4	Oxides of Nitrogen as NO <sub>2</sub>	IS 5182 (Part 6): 2006	µg/m <sup>3</sup>	6.38	80.0 (Max)

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



**Nesny A.K.**  
Chemist

Checked by




**Lajju P.N.**  
Laboratory Head

Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

**Standards Environmental & Analytical Laboratories**

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017  
vide Certificate No. TC - 12939 & "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110  
Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: seaalab@gmail.com

**TEST REPORT**

ULR No: TC129392400008109F

LRI No.: SEAAL24040680A

Date: 06-04-2024

Page 1 of 2

**CUSTOMER DETAILS**

Customer Name & Address	<b>Mr. M.P Lalu</b> Kuttur, Payyanur, Kannur District.
Customer Reference	Test Request date: 02-04-2024

**DETAILS OF MONITORING**

Product Category	Atmospheric Pollution	Sample Code	EN24040085
Sample Name	Ambient Noise	Monitoring Commenced on	02-04-2024
Test Method	IS 9989:1981	Monitoring Completed on	03-04-2024
Monitoring Location	East Side Boundary	Monitored by	Lab Authorized Sampler

**SAMPLING SITE DETAILS**

Survey No.	74/1D pt,74/608pt		
Village	Kuttur	Taluk	Payannur
District	Kannur	State	Kerala

**MONITORING RESULTS - Leq**

TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	38.2	14:00	51.2	22:00	37.0
07:00	41.0	15:00	51.6	23:00	36.7
08:00	45.3	16:00	52.8	24:00	39.3
09:00	48.9	17:00	53.2	01:00	40.1
10:00	51.2	18:00	47.7	02:00	39.7
11:00	54.4	19:00	44.1	03:00	40.4
12:00	51.6	20:00	40.2	04:00	39.3
13:00	50.8	21:00	39.7	05:00	41.2



**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

## TEST REPORT

ULR No: TC1293924000008109F

LRI No.: SEAAL24040680A

Date: 06-04-2024

Page 2 of 2

Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time	dB(A)	49.7
2	Ambient Sound Level (Leq) Night Time	dB(A)	39.7

Remarks:

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

# Standards



**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: sealab@gmail.com

**TEST REPORT**

ULR No.: TC1293924000008110F

LRI No.: SEAAL24040681A

Date: 06-04-2024

Page 1 of 2

**CUSTOMER DETAILS**

Customer Name & Address	<b>Mr. M.P Lalu</b> Kuttur, Payyanur, Kannur District.
Customer Reference	Test Request Date: 02-04-2024

**SAMPLE DETAILS**

Product Category	Water	Sample Code	WT24040050
Sample Name	Ground Water	Sample Received on	03-04-2024
Sample Description by Customer	Open Well Water	Temperature @ Receipt	27°C
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	04-04-2024
Sample Quantity & Packing	2 L in a Plastic Bottle	Test Completed on	05-04-2024
Information Provided by Customer	---	Sampled by	Not Drawn by Laboratory

**SAMPLING SITE DETAILS**

Survey No.	74/1D pt,74/608pt		
Village	Kuttur	Taluk	Payannur
District	Kannur	State	Kerala

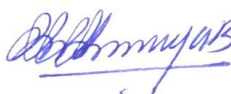
**TEST RESULTS- CHEMICAL DISCIPLINE**

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

## TEST REPORT

ULR No: TC1293924000008110F

LRI No.: SEAAL24040681A

Date: 06-04-2024

Page 2 of 2

### TEST RESULTS- CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
3	Turbidity	IS 3025 (Part 10): 2023	NTU	0.10	1.0 (Max)
4	pH	IS 3025 (Part 11): 2022	---	6.78	6.50-8.50
5	Conductivity	IS 3025 (Part 14): 2013	µS/cm	121	---
6	Total Dissolved Solids	IS 3025 (Part 16): 2023	mg/L	78.0	500 (Max)
7	Total Hardness as CaCO <sub>3</sub>	IS 3025(Part 21): 2009	mg/L	32.2	200 (Max)
8	Calcium as Ca	IS 3025(Part 40): 1991	mg/L	8.00	75 (Max)
9	Magnesium as Mg	IS 3025 (Part 46): 2023	mg/L	2.94	30 (Max)
10	Chloride as Cl	IS 3025(Part 32): 1988	mg/L	19.6	250 (Max)
11	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (Part 23): 2023	mg/L	24.5	200 (Max)
12	Iron as Fe	IS 3025(Part 53): 2003	mg/L	0.19	1 (Max)
13	Sulphate as SO <sub>4</sub>	IS 3025 (Part 24/Sec 1): 2022	mg/L	1.25	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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Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: sealab@gmail.com