

# **HALF YEARLY COMPLIANCE REPORT FOR GRANITE STONE QUARRY**

**File No. 1545/EC2/2019/SEIAA Dated 23/07/2022**

## **Building Stone Quarry Project of Sri. Ulahannan**

**Situated At**

**Re-Sy. No.57/16, 57/1270, 57/1069 & 57/1273  
in Valad Village,  
Mananthavady Taluk,  
Wayanad District, Kerala.**

**April 2023 – September 2023**

**Prepared By**

**PRIME TECHNOLOGY SERVICES**

**Planet Resources Management Experts**

**4D Kalpaka Fort Palace, Changampuzha Park,  
Edappally, Cochin-24**

**Mail: primetechnologyservices@yahoo.com**

**Ph: 8089085335**

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

Respected Sir,  
Sub: Half Yearly Compliance Report of Granite Stone Mine Project- April 2023 –  
September 2023.

Ref: File No. 1247/EC1/2019/SEIAA Dated 31/12/2019

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

Mr.Ulahannan



Place: Wayanad

Date: 20/12/2023

(Authorized Signatory)

**Copy to,**  
**Member secretary / Chairman**  
**SEIAA Kerala**  
**KSRTC Complex, Thampanoor**  
**Thiruvananthapuram, Kerala**



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## **1.INTRODUCTION**

The Building Stone Quarry Project situated at Re-Sy. No.57/16, 57/1270, 57/1069 & 57/1273 of Valad Village, Mananthavady Taluk, Wayanad District., Kerala.

Building Stone Quarry project of Sri. Ulahannam was obtained with the Environmental Clearance (File No. 1247/EC12019/SEIAA) by State Environmental Impact Assessment Authority on 31/12/2019 As part of general condition No.37 of Environmental Clearance order and EIA Notification the half yearly compliance report needs to be submitted by the project proponent.

This report contains the compliance of conditions of Environmental Clearance for the period of April 2023 – September 2023.

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

**2. SPECIFIC CONDITIONS**

**Table 2. SPECIFIC CONDITIONS**

<b>Sl.No</b>	<b>Specific Conditions</b>	<b>Compliance Status</b>
1.	Ensure that there is no slope failure by taking appropriate ameliorative measures	We assure that all appropriate ameliorative measures will take for ensuring there is no slope failure.
2.	In the field inspection report it seen that there in an abandoned old quarry near to the proposed quarry. If this abandoned quarry belongs to the proponent the reclamation of the old abandoned quarry shall be carried out as per the norms fixed by the Director, Mining & Geology within one year, if not the EC given is liable to be cancelled	The existing abandoned quarry pit lying middle of the proposed quarry was functional only. The respective abandoned quarry was operational not under my ownership. The Kerala Minor Mineral Concession rules with provision of mining plan with systematic mining procedures came into practice only after 2015. Hence proper mining principles were not followed by the respective abandoned quarry and hasn't adopted any mine closure activity after its life of mine. Considering the above, to ensure safe mining activities for the proposed quarry, certain safe guard measures were proposed for the same. We hereby ensure that during the mine closure of the proposed project due consideration will be given to the abandoned pit.
3.	Activities relating to Corporate Environmental Responsibilities for an amount of Rs.3 lakhs shall be carried out leading to protection and promotion of environment including waste management in the project district as per OM F. No22-65/2017-IA-III dt. 01/05/2018 of MoEF & CC as directed by Directorate Of Environment & Climate Change and Supervised by District Collector	I would like to inform you that,our respective site started from December 2022 onwards. The cer activities will be imlemented in a time bound manner and the documentary proof proof of the same will be attached in thE next Half Yearly Compliance Report

4.	The proponent shall carry out quarrying as per the approved Mining plan and the proponent should strictly follow the kerala minor mineral concession Rules 2015 and amendments thereby	We assure that all the quarrying activities will be carried out as per the Approved Mining Plan and strictly follows all the Kerala Minor Concession Rules 2015 and amendments thereby
5	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 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 building and disturbance to human and wildlife	We assure that it is directed to use only NONEL 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 human and wildlife.

### 3. GENERAL CONDITIONS

**Table 3. GENERAL CONDITIONS**

Sl. No	General Conditions	Compliance Status
1	Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR /KPBR, unless otherwise specified.	Provided rain water harvesting pond in the project area to collect rain water and utilize in the project area itself. The dimensions of Rain Water Harvesting Tank are 20mx25mx3m & it capacity is 1500KL
2	Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.	Environmental monitoring cell was constituted and Implemented them responsibilities as well
3	Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, including of approach road and internal roads.	Already site have a green belt, planted 650 nos of trees at the boundary (Safe Buffer zone) This shall be maintained well. Trees like Anjili, Mango, Ashoka, Teak, Vaka, Bamboo, Passion fruit, Jackfruit Tree, Puli, Perumaram were planted
4	Maximum possible Solar Energy generation and utilization shall be ensured as an essential part of the project	As part of energy conservation, the project proponent has installed solar street light in the project site to generate and utilize maximum renewable energy . About 3KW of 13 Solar Street Lights were provided in the quarry site
5	Sprinklers shall be installed and used in the project site to contain dust emissions.	Sprinklers are available at the site and are using at the time of generating dust from the site and make wet the internal roads daily. About 10 nos of sprinklers were provided in the quarry site.
6	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	It is assured that Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.
7	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 dumpings and overburden and planted with indigenous plant species that are eco-friendly.	At the time of closure of the mine, it shall ensure that directions contained are scrupulously followed

8	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented	As part of inclusive growth of the community, the project proponent has carrying out various activities under (CSR)/(CER) and has been following the plan as committed. Documentary evidences of few cases of the CSR activities attached.
9	The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mining. All the boundary indicators (boards, stores, markings, etc) shall be protected at all times and shall be conspicuous.	The direction contained shall be scrupulously followed. To demarcate the lease area and to prevent falling of animals/human being/dumping of garbage etc, the project proponent has installed barbed metal wire fencing around the lease area
10	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.	As per the stipulation of Explosive department, the project proponent has installed siren as warning alarm in the quarry site. Siren rang before the blasting time in order to give warning to the workers and public. The blasting timings are displayed in the prominent area by way of caution board.
11	Control measures on noise and vibration prescribed by KSPCB should be implemented.	<p>Limited the operation of quarry in specific time only as directed by the KSPCB and has been following the directions and complying them.</p> <p>The following control measures are undertaken to bring down the noise levels:-</p> <ul style="list-style-type: none"> <li>•Proper maintenance of machinery equipment's and improvement of design of machines.</li> <li>•Personal Protective Devices i.e, earmuffs, helmet, and boots etc. are provided to workers.</li> <li>•The mining activity is only during day time</li> </ul> <p>Noise level at the quarry site should be checked periodically, monitored through a NABL accredited laboratory</p>

		Monitoring Results are attached and the monitored results are well within the permissible limits
12	Quarrying activities should be limited to day time as per KSPCB guidelines.	Limited the operation of quarry in specific time only as directed by the KSPCB and has been following the directions and complying them
13	Blasting should be done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency.	Blasting done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency. Obtained Explosive license and following the guideline stipulated. Attached as Annexure 03
14	A licensed person should supervise/control the blasting operations	The project proponent has appointed.
15	Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.	To reduce dust emissions and for the trouble free transportation of materials, the project proponent has properly surfaced the access road to the quarry site. The project proponent is regularly maintaining the access road in good manner.
16	Overburden materials should be managed within the site and the old quarries, if any, should be reclaimed and restored.	Overburden stacked in pre-determined site specified for the purpose
17	Height of benches should not exceed 5m and width should not be less than 5m.	The quarrying activity in the project site is progressing by creating benches of 5m width and 5m height. The formation of benches is under the direction and supervision of competent person.
18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	The project proponent is using blasting mat to reduce fly rocks during blasting.
19	Minim depth should not exceed beyond 40m,unless otherwise specified or not below the level of nearest stream bed,whichever is less	The maximum depth of mining is above general ground level.
20	No mining operations should be carried out at places having a slope greater than 45°	It is ensured that no mining is carried out at places having a slope greater than 45°, if any.
21	Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop	Scrupulously follows the directions contained.

	for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.	
22	The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.	We provided adequate Personnel Protective Equipments (PPE) such as helmets, ear muffs, safety belts, gloves, etc. to ensure the safety of workers in working site
23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize Storm Water.	We are very conscious to prevent all quarry waste to enter in the public drainage or stream. The project proponent has constructed Garland drains with silt traps were suitably constructed all along the periphery of the pit area. Garland Drains collect the run-off from the lease area and divert into the desiltation tanks proposed within the complex. The surface runoff from the benches will run into desiltation tank through the garland channel and then passes through the check dam into the natural drainage. All measures were taken not to disturb the existing drainage pattern adjacent to the other property. Desiltation tank installed for silt removal. Cleaning of Desiltation tank were done periodically. Clear water is letting out.
24	The transportation of minerals should be done in covered trucks to contain dust emissions.	To avoid dust emission from the vehicle while transportation of materials the project proponent assures that the trucks are covered before leaving the site.
25	The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.	This will be considered at the time of mine closure
26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Shall be disposed through the authorized recyclers
27	Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department.	Magazine keep at an isolated area located at more than 50 m from the mining area
28	Norms of KSPCB should be adhered to regarding distance criteria of residences, roads, rivers and worship places	Norms of KSPCB should be adhered to regarding distance criteria of residences, roads, rivers and worship places strictly followed. The Minimum Dwelling Distance from Quarry is 210m.
29	200m buffer distance should be maintained from forest boundaries.	Forest area is not there in this locality



30	Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating activity.	Obtained consent from KSPCB Attached as Annexure 02
31	All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.	<ul style="list-style-type: none"> <li>• Quarrying lease</li> <li>• NOC from pollution Control Board</li> <li>• Environment Clearance form SEIAA</li> <li>• NOC from Explosive Dept.</li> <li>• D&amp;O License from the LSGD</li> </ul>
32	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.	The company shall abide by the directions of SEIAA Kerala. At present the project is running as per plan submitted in Environmental Impact Assessment Authority, Govt. of India and approved mining plan. There is no change in the scope of the project. The project will seek for a new Environmental clearance in the case of any changes in the scope of the project.
33	The Authority reserves the right to add additional safeguard measures Subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	The company shall abide by the directions of SEIAA Kerala
34	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with including the provisions of 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.	Strict Compliance is adhered to and is reviewed periodically by the top management. Monitoring reports of air, noise, water attached
35	The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Environment Impact Assessment Authority (SEIAA) office and may be seen on the website of the Authority at <a href="http://www.environmentalclearance.nic.in">www.environmentalclearance.nic.in</a> .The	The project was advertised in two widely

	advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.	circulated local newspapers in that region. Mathrubhumi (05-11-2014), The Hindu (05-11-2014)
36	A copy of the clearance letter shall be sent by the proponent to concerned GramaPanchayat/DistrictPanchayat/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 put on the website of the company by the proponent.	Copy of EC has been forwarded to the secretary of Karaserri Grama Panchayat and also EC displayed in the notice board of the mining site
37	The proponent shall submit half yearly reports 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. It shall sent to the Regional office of MoEF. Govt. of India and also to the State Environment Impact Assessment Authority (SEIAA) Office	The compliance report is being submitted along with the results of monitored data to the State Environmental Impact assessment Authority, Kerala and the Regional Office of MoEF&CC, Bangalore both in hard copy as well as mail.
38	The details of Environmental Clearance should be prominently displayed in a metallic board of 3ft X3ft with green background and yellow letters of Times New Roman font of 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.	A display board shows all the details about the project and EC provided at the entrance of the quarry site
39	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.	An assurance in the form of affidavit was submitted to SEIAA Kerala by the project proponent.

#### 4.ENVIRONMENTAL MONITORING CELL

**Table 4. Environmental Monitoring**

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

**ANNEXURE 1**

**ENVIRONMENTAL CLEARANCE**





Validity expires on 30.12.24

**PROCEEDINGS OF THE ADMINISTRATOR, STATE  
ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,  
THIRUVANANTHAPURAM**

(Present. SABITHA S)

**Sub: SEIAA- Environmental clearance for the proposed Granite building stone quarry project in Re-Survey No. 57/16, 57/1270, 57/1069 & 57/1273 in Valad Village, Mananthavady Taluk, Wayanad District, Kerala by Mr.Ulahannan - Granted – Orders issued.**

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**State Environment Impact Assessment Authority, Kerala**

**No. 1247/ EC1/2019/SEIAA**

**dated, Thiruvananthapuram 31.12.19**

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- Ref: 1. Application received on 13.02.19 from Mr.Ulahannan, Edaputhusseriyil Veedu, Thalappuzha, Valad P.O., Wayanad
- 2.Minutes of the 94<sup>th</sup> SEAC meeting held on 12<sup>th</sup> and 13<sup>th</sup> March 2019
3. Minutes of the 100<sup>th</sup> SEAC meeting held on 11<sup>th</sup> and 12<sup>th</sup> July 2019.
4. Minutes of the 102<sup>nd</sup> SEAC meeting held on 26<sup>th</sup> and 27<sup>th</sup> August 2019.
5. Minutes of the 105<sup>th</sup> SEAC meeting held on 28<sup>th</sup> and 29<sup>th</sup> October 2019
6. Minutes of 99<sup>th</sup> SEIAA meeting held on 21<sup>st</sup> and 22<sup>nd</sup> November 2019
- 7..Minutes of 100<sup>th</sup> SEIAA meeting held on 23<sup>rd</sup> and 24<sup>th</sup> December 2019.
8. G.O(Rt.) No.29/2019/Env dt.12.04.2019

**ENVIRONMENTAL CLEARANCE NO.74 /2019**

Mr.Ulahannan, Edaputhusseriyil Veedu, Thalappuzha, Valad P.O., Wayanad – 670644, vide the hardcopy of application received on 13.02.2019, has sought Environmental Clearance under EIA Notification, 2006 for the Granite building stone quarry project in Re-Survey No. 57/16, 57/1270, 57/1069 & 57/1273 in Valad Village, Mananthavady Taluk, Wayanad District, Kerala for an area of 4.2689 Ha. The project comes under Category: B & Schedule: 1 (a) of EIA Notification 2006.



2. The proposed project site falls within Latitude 11°48' 9.01" N to 11°48' 16.19" N to Longitude 75° 54' 10.80" E to 75° 54' 18.94" E. The lease area consists of 4.2689 hectares, which is a private owned land. The proposed project is for quarrying of 1,00,000 MT. The nearest town is Mananthavady about 15 km from the quarry site. The life of mine is about 21 years. The total water requirement is about 3.5 KLD in which 0.5 KLD is for domestic uses, 1.5 KLD for dust suppression and 1.5 KLD for plantation purposes and will be sourced from open well. The total power requirement will be 75 k W, which will be drawn from diesel engine. The expected cost of the project is 1.5Crore.

3. The proposal was placed in 94<sup>th</sup> SEAC meeting held on 12<sup>th</sup> & 13<sup>th</sup> March 2019. The Committee decided to obtain following additional documents from the proponent:

1. Baseline details
2. Monitoring data of Sound and air.
3. Hazard zonation map

The Committee entrusted Dr.P.S.Easa, Dr.S.Sreekumar & Dr.G.Sankar for the site inspection. The committee visited the site on 03.05.2019

4. The proposal was placed in 100<sup>th</sup> SEAC for appraisal on 11<sup>th</sup> and 12<sup>th</sup> July . The Committee directed the proponent to submit the following details/documents:

- *It seems that the quarry pond water level is at a lower level than nearest stream. Indicate measures to be taken to maintain the same level*
- *The Western Side of the proposed quarry especially in the crown section ( 11°48' 13.92", 75° 54' 12.64" ) is rather steep with considerable overburden. This section needs special care to prevent any slope failure. The proponent should clarify how he is going to treat that section*
- *CSR /CER to be reworked as per the norms*
- *The list of plants given in the biodiversity assessment is evidently incomplete. The silver oak and eucalyptus are missing in the list. This needs to be reworked and submitted.*

5. The proposal was again placed in the 102<sup>nd</sup> SEAC Meeting held on 26<sup>th</sup> and 27<sup>th</sup> August 2019. The Committee directed the proponent to submit a certificate from the Soil Conservation Department regarding hazard occurrence in this village during 2018 & 2019



6. The proposal was placed in the 105<sup>th</sup> SEAC Meeting held on 28<sup>th</sup> and 29<sup>th</sup> October 2019. The Committee decided to accept the report of the sub-committee and decided to recommend for the issuance of EC subjected to the following specific conditions:

1. *Quarrying pond water level has to be maintained at the same level and measures have to be taken to ensure this.*
2. *Ensure that there is no slope failure by taking appropriate ameliorative measures.*

7. The proposal was placed in the 99<sup>th</sup> SEIAA Meeting held on 21<sup>st</sup> and 22<sup>nd</sup> November 2019. Authority decided to defer it for the next meeting. The proposal was placed in 100<sup>th</sup> SEIAA meeting held on 23<sup>rd</sup> and 24<sup>th</sup> December 2019. Authority decided to issue EC for a period of 5 years for the quantity mentioned in the approved Mining Plan subject to the following specific conditions in addition to the general conditions.

1. *Ensure that there is no slope failure by taking appropriate ameliorative measures.*
  2. *In the field inspection report it is seen that there is an abandoned old quarry near to the proposed quarry. If this abandoned quarry belongs to the proponent the reclamation of the old abandoned quarry shall be carried out as per the norms fixed by the Director, Mining & Geology within one year, if not the EC given is liable to be cancelled.*
  3. *Activities relating to Corporate Environmental Responsibilities for an amount of Rs.3 lakhs shall be carried out leading to protection and promotion of environment including waste management in the project district as per OM F.No.22-65/2017-IA-III dt.01.05.2018 of MoEF & CC as directed by Directorate of Environment & Climate Change and supervised by District Collector.*
  4. *The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
  5. *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.*
8. Environmental Clearance as per the EIA Notification 2006 is hereby accorded for the quarry project of Mr.Ulahannan, Edaputhusseriyil Veedu, Thalappuzha, Valad P.O.,



Wayanad ,Kerala for an area of 4.2689 Ha, for a period of five years for the quantity as approved in Mining plan subject to the specific conditions in para 7 above, all the environmental impact mitigation and management measures undertaken by the project proponent in the Form I, EMP, PFR and Mining plan submitted to SEIAA. The assurances and clarifications given by the proponent will be deemed to be a part of these proceedings as if incorporated herein. Also the general conditions for projects stipulated for mining (items 1 to 48), appended hereto will be applicable and have to be strictly adhered to.

9. The 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 and relied on for grant of this clearance. The above undertakings and the conditions and the undertakings in Chapter 5 (Mining), Chapter 6 (Blasting), Chapter 7 (Mines Drainage) 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.

10. Validity of the Environmental Clearance will be five years from the date of this clearance, subject to inspection by SEIAA on annual basis and compliance of the conditions, subject to earlier review of E.C in case of violation or non-compliance of conditions or genuine complaints from residents within the security area of the quarry.

11. Compliance of the conditions herein will be monitored by the State Environment Impact Assessment Authority or its authorised offices and also by the regional office of the Ministry of Environment & Forests, Govt. of India, Bangalore.

- i. 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.
- ii. Instances of violation if any shall be reported to the District Collector, Wayanad
- iii. The Half Yearly Compliance Report (HYCRs) with its contents of a covering letter, compliance report and environmental monitoring data has to be in PDF format merged into a single document. The email should clearly mention the name of the project, EC No and date, period of submission and to be sent to the Regional Office of MoEF & CC by email only at email ID [rosz.bng-mefcc@gov.in](mailto:rosz.bng-mefcc@gov.in) . Hardcopy of



- HYCRs shall not be acceptable.
- iv. The given address for correspondence with the authorised signatory of the project is Mr.Ulahannan, Edaputhusseriyil Veedu, Thalappuzha, Valad P.O., Wayanad – 670644



**SABITHA S**  
**Administrator, SEIAA**

To,

Mr. Ulahannan,  
Edaputhusseriyil Veedu,  
Thalappuzha, Valad P.O.,  
Wayanad – 670644

Copy to,

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wing, II Block, Koramangala, Bangalore-560034 and through E-mail ID: [rosz.bng-mefcc@gov.in](mailto:rosz.bng-mefcc@gov.in)
2. The Principal Secretary to Government, Environment Department, Government of Kerala.
3. District Collector, Wayanad
4. Director, Mining & Geology, Thiruvananthapuram -4.
5. The Director, Directorate of Environment and Climate Change, 4<sup>th</sup> Floor KSRTC Bus Terminal Thampanoor, Trivandrum-1
6. The Member Secretary, Kerala State Pollution Control Board
7. District Geologist, Wayanad
8. Tahsildhar, Mananthavady Taluk, Wayanad
9. Village Officer, Valad Village, Wayanad
10. Chairman, SEIAA.
11. Website.
12. S/f
13. O/c





**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY KERALA**  
**GENERAL CONDITIONS (for mining projects)**

1. A separate environmental management and monitoring cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
2. Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, including of approach road and internal roads.
3. Sprinklers shall be installed and used in the project site to contain dust emissions.
4. Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.
5. In view of the deep pits left after the excavation, stacking at maximum top level should be carried out.
6. Corporate Environment Responsibility agreed upon by the proponent should be implemented.
7. The project proponent shall comply the conditions stipulated by the statutory authorities concerned.
8. Tarring /multiple options on the access roads shall be undertaken so as to reduce dust pollution during movement of vehicle.
9. Overburden materials should be managed within the site and used for reclamation of mine pit as per mine closure plan / specific conditions.
10. Height of benches should not exceed 5 m, and width should not be less than 5 m, if there is no mention in the mining plan/specific condition.
11. Ground level should be fixed in individual cases separately
12. No mining operations should be carried out at places having a slope greater than 45°.
13. Acoustic enclosures should have been 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 standards given by CPCB/KSPCB. This condition is applicable only in such cases if a crusher is adjacent to the quarry.
14. The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.
15. Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.
16. The transportation of minerals should be done in covered trucks to contain dust emissions. The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project. SEAC should assess the number of trees in each project site before the issuance of EC so as to ensure the promptness in planting.
17. Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department.
18. A minimum buffer distance of 100m from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided.
19. 50 m buffer distance should be maintained from forest boundaries.
20. Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating mining activity.
21. All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.
22. 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 only the E.C is issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority.
23. 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.
24. 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.



25. The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Environment Impact Assessment Authority (SEIAA) office and may also be seen on the website of the Authority at [www.seiaakerala.org](http://www.seiaakerala.org). The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.
26. The Environmental Clearance shall be put on the website of the company by the proponent.
27. Proponent shall submit half yearly reports in soft copy and SEIAA will upload it on the website.
28. 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 of 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
29. 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.
30. No change in mining technology and scope of working should be made without prior approval of the SEIAA, No further expansion or modifications in the mine shall be carried out without prior approval of the SEIAA, as applicable.
31. The Project proponent shall ensure that no natural water course and/or water resources shall be 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.
32. The top soil, if any, shall temporarily be 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 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 to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.
33. 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, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.
34. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM<sub>10</sub> and PM<sub>2.5</sub> such as haul Road, loading and unloading points and transfer points – it shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
35. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
36. Measures should be taken for control of noise levels below 85 dBA in the work environment.
37. The funds earmarked for environmental protection measures and CER activate should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the State Environment Impact Assessment Authority (SEIAA) office.
38. The Regional Office of MOEF & CC located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (S) of the Regional Office by furnishing the requisite data/information/monitoring reports.
39. 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.
40. 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.
41. The SEIAA may revoke or suspend the order, for non implementation of any of the specific or this implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.



42. 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.
43. The Environmental Clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.
44. The mining operation shall be restricted to above ground water table and it should not intersect ground water table.
45. All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution taking centre. Washing of all vehicles shall be inside the lease area'
46. Project proponent should obtain necessary prior permission of the competent authorities for drawal of requisite quantity of surface water and ground water for the project.
47. 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 reports to SEIAA.
48. Occupational health surveillance program of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.

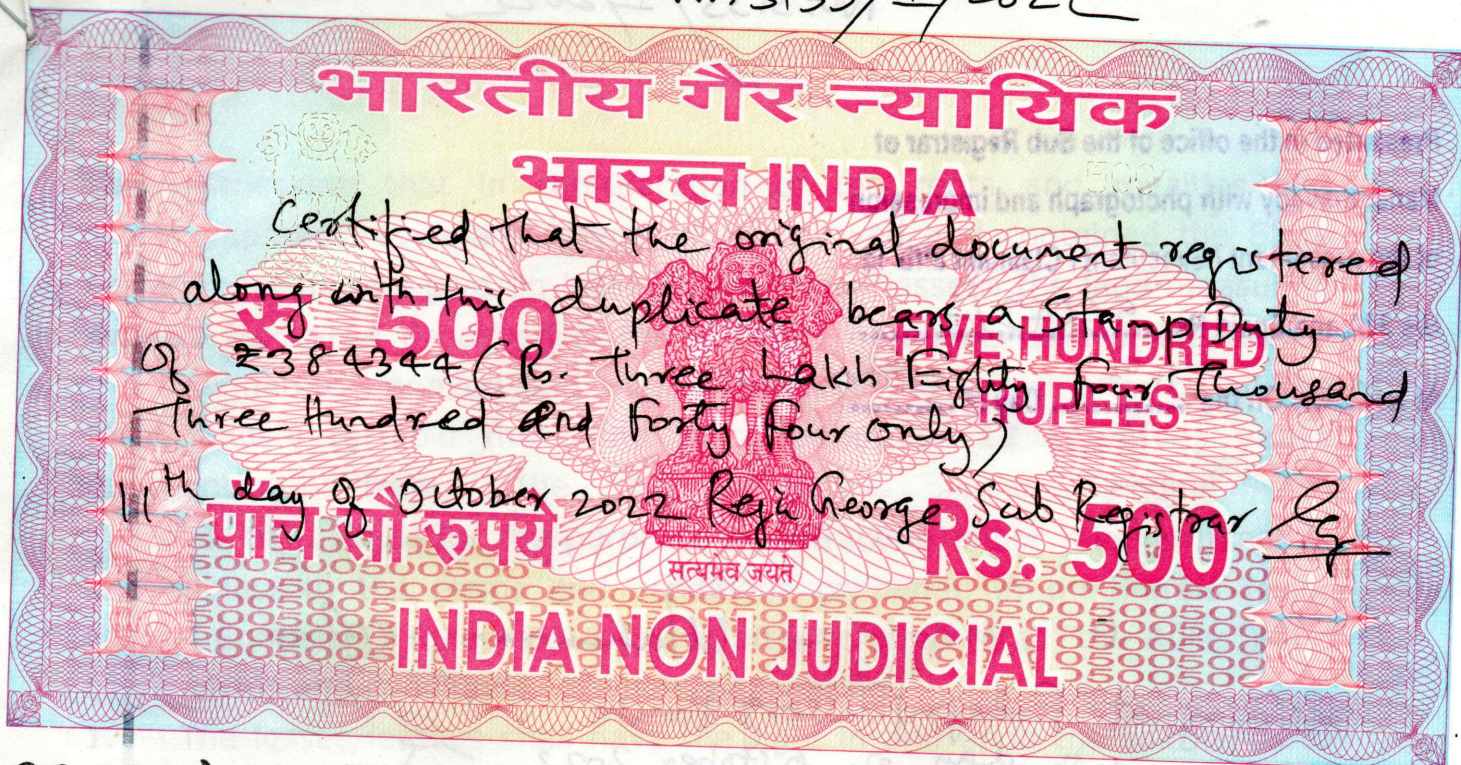


  
**Administrator, SEIAA**

**ANNEXURE 2**  
**QUARRYING LEASE**



M:3133/I/2022



കേരളം KERALA

K 912556

FORM H

(See Rule 43)

QUARRYING LEASE

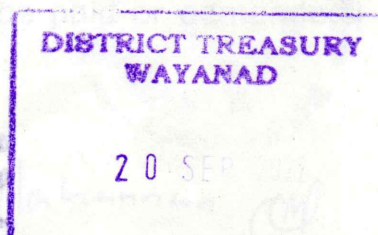
This deed of lease made on this the 30 day of September 2022 between the Governor of Kerala (hereinafter referred to as the "State Government" which expression shall, where the context so admits be deemed to include his successors and assigns) of the one part and **Shri. Ulahannan, S/o Joseph, Business, Age 56 Years, Edaputhussery House, Valad(P0), Wayanad District - 670644 (Aadhaar No. 5405 2165 2705)** (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.

Lessor

**GEOLOGIST  
DISTRICT OFFICE  
DEPT. OF MINING & GEOLOGY  
MEENANGAD, WAYANAD - 673 504**

Ulahannan (M)  
Lessee

Value.....  
Date.....  
Issued to.....





W: 3133 / I / 2022

Presented in the office of the Sub Registrar of  
Mananthavady with photograph and impression  
of the presentant / Executant / Claimant affixed



U/s 32A and E paid Rs. 96643/-

At 10.20 On the 11<sup>th</sup> Day of October 2022

Ulahannan @

residing at Edaputhussery House

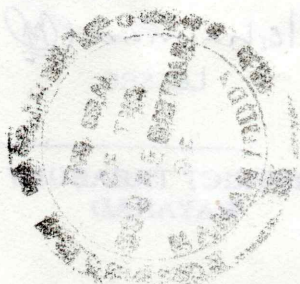
11<sup>th</sup> day of October 2022

Execution admitted by

Reju George  
Sub Registrar

S/o Joseph Business ~~residing at~~ Ulahannan @  
residing at Edaputhussery House valued

I have satisfied ~~my~~ myself as to the execution  
of this instrument by Geologist District Office Dept of Mining &  
Geology Meenangadi Wayanad who is exempted from personal  
appearance u/s 88(1) of Registration Act 1908



GEOLOGIST  
DISTRICT OFFICE  
DEPT OF MINING & GEOLOGY  
MEENANGADI WAYANAD - 613 501

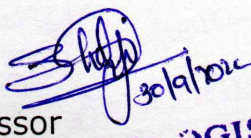
3133 2022

Book 1 - 8

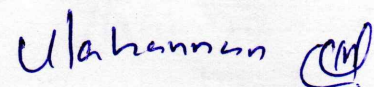


Witnesseth that in consideration of the rents and royalties and lessee's/Lessee's' covenants, hereinafter reserved and contained the State Government hereby give on lease to the lessee/lessees the land measuring **4.2689 hectares** described in the schedule hereunder and delineated on the plan hereto annexed and therein coloured red (hereinafter called the "said lands") to hold the same for a period of **12 (Twelve) years** commencing from the 30.09.2022 and ending on the 29.09.2034 for the purposes of extracting minor mineral/minerals and subject to the terms and conditions contained in the Kerala Minor Mineral Concession Rules, 2015 (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.


  
Lessor

**GEOLOGIST**  
**DISTRICT OFFICE**  
**DEPT. OF MINING & GEOLOGY**  
**MEENAD-GADI, WAYANAD - 673 50**

  
Lessee



**Identified by**

1. Karimbalan Kunu Abdul Geevarghese.   
S/o Koyakutty Business Karsassery Kozhikode  
Lakshmi Sathom Badanayyan S/o Ananthan Nair  
Former Valad.

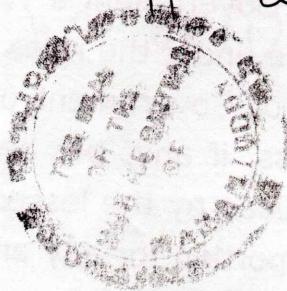
11th day of October 2022

Registered as No: 3133 Of 2022  
In book 1st Volume 593 On  
Pages 91 To 108  
8 Sheet 2nd Sheet

  
Reju George  
Sub Registrar

11th day of October 2022

  
Reju George  
Sub Registrar





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 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 one kilometer from the boundaries of National park or Wild life Sanctuaries 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.

Lessor

*[Signature]*  
**GEOLOGIST**  
**DISTRICT OFFICE**  
**OF MINING & GEOLOG.**  
**HYANAD - 513 501**

Lessee

*[Signature]*



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.

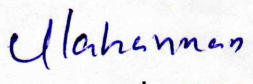

11. The lessee shall be responsible for implementing the provisions of the various labour laws applicable, from time to time, to the quarry.

12. The lessee/lessees shall not assign or underlet the said lands or any part thereof 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.

  
Lessor

   
Lessee




15. If the lessee/lessees shall be desirous of taking a further lease of the said lands for a further term of 9 years, 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.

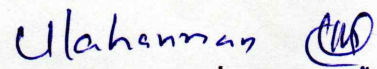
16. If the lessee/lessees shall at any time during the said term use the said lands or any part thereof in any manner other than as authorized by this lease or fail to carry on quarrying operations continuously without sufficient cause of which the State Government/competent authority shall be the judge 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. 25,000/- (Rupees twenty five thousand only) for the breach as the State Government/competent authority may fix.

17. If at the expiration of three calendar months after the expiry of the lease or its sooner determination, there shall remain in or the said lands, any engines, machinery, plant, buildings, structures and other works, erections and conveniences, the said minerals or other property which the lessee is/lessees are entitled to remove from the said lands, the same shall, if not removed by the lessee/lessees within one calendar month after notice in writing requiring their removal be given to the lessee/lessees by the State Government/competent authority be deemed to become the property of the State Government in such manner as they may deem fit without liability to pay any compensation or to account to the lessee/lessees in respect thereof.

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.

  
Lessor

  
Lessee



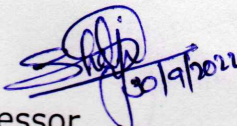
20. The lessee/lessees shall furnish such reports and returns relating to output, labourers employed and other matters as the State Government may prescribe.
21. The lessee/lessees shall make and pay such reasonable compensation as may be assessed by lawful authority in accordance with the law in force 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. 24/- per ton with proposed average annual production of 100000 metric tones is Rs.2400000/- (Rupees Twenty Four lakhs only) and may enhance the quantity of production and period of lease with the prior permission of the lessor and registration of the lease deed amended accordingly.
24. In this case, the surface rent to be remitted per year at the present rate of Rs. 5/- per Are per year is Rs.2135/- (Rupees Two Thousand One Hundred and Thirty Five only) and the refundable Security Deposit is Rs.42689/- (Rupees Forty Two thousand Six hundred and Eighty Nine only).
- 22 copies of this document also attached.

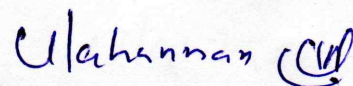
#### SCHEDULE OF DESCRIPTION OF LAND

District :Wayanad

Taluk : Mananthavady

Village	Re Survey No	Lease Area in Hectares
Valad	57/16, 57/1069, 57/1270, 57/1273	4.2689
Total Area in Hectares		4.2689

  
Lessor

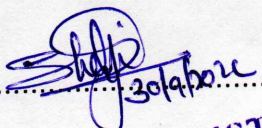
  
Uthannan



Bounded by Survey No:  
/On the North by : Survey No. 57/1  
On the East by : Survey No. 57/1  
On the South by : Survey No. 57/1  
On the West by : Survey No. 57/1

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

Signed by.....

  
**GEOLOGIST  
DISTRICT OFFICE  
DEPT. OF MINING & GEOLOGY  
MEENANGADI, WAYANAD - 673 50.**

For and on behalf of the Governor of Kerala.

In the presence of

(1) Mani. K. K. Mineral Revenue Inspector, Dist: office, Dept: of  
Mining & Geology, Wayanad, Meenangadi 12

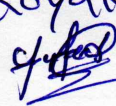
(2) Midhan Madhavan C, Clerk,  
Dist. office, Dept of Mining and Geology  
Wayanad, Meenangadi

Midhan  
30/09/2022

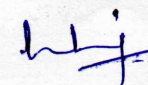
Signed by Ulahannan 


For and on behalf of the lessee/lessees

In the presence of

(1) Abdul Gattor 1212. Kozimbalankom. S/o. Koyakutty  
Kakkal. Kerassey. Makkom. Kozhikode. 

(2) Lena Baby o/o E.J. Ulahannan Edaputhussery (H)


Valad (P.O), Mamathavady, Wayanad. 

Prepared by P Parameswaran  L.No.WDB 12,WSB 22

S/o Lakshmi Amma, Puthookkara (H) Nallurnadu.P.O.

Corrections.Nil.

  
30/09/2022

Ulahannan   
Lessee

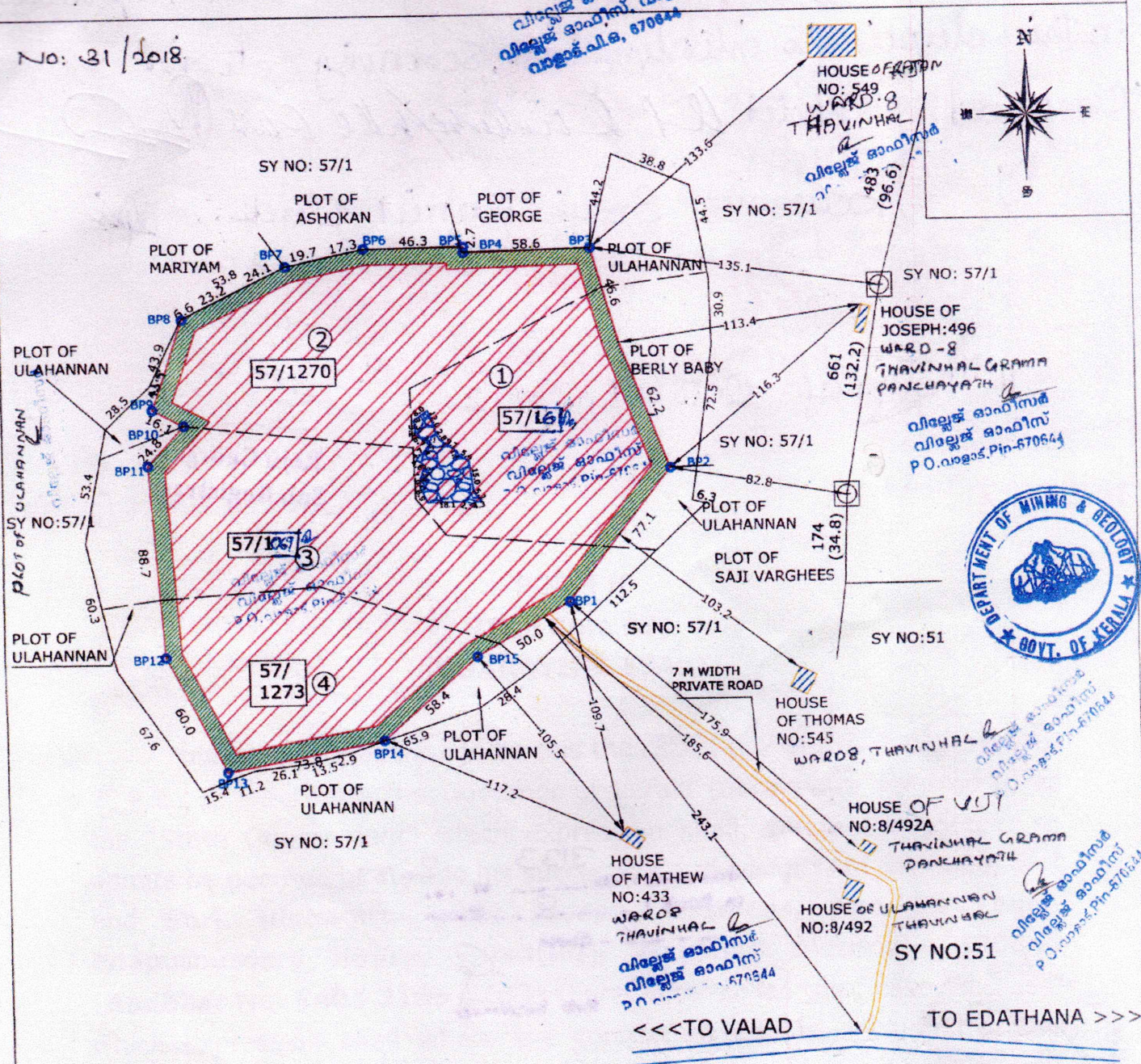


DISTRICT : WAYANAD  
TALUK : MANANTHAVADY  
VILLAGE : VALAD








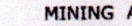
RE-SY NO : 57/16, 57/1069, 57/1270, 57/1273

No: 31/2018

വില്ലേജ് ഓഫീസർ  
വില്ലേജ് ഓഫീസ് വാളാട്  
പി.ഒ. വാളാട്, പി.ഒ. 670644



AND  
THIS PLAN IS ISSUED TO SUBMIT BEFORE MINING GEOLOGY DEPARTMENT



LEGEND			PROPERTY DETAILS								NAME OF OWNER
SUGGESTED LEASE AREA INCLUDING BUFFER & QUARRY			AREA OF LAND								
	BUFFER AREA 7.5 METRE	SL NO	DOCUMENT NO	RE-SY NO	AS PER DOCUMENT	MINING AREA	BUFFER AREA	BALANCE AREA	PROPOSED		
	EXISTING QUARRY : 0.0684 HA	1	608/2005	57/16	1.3719 HA	0.8949 HA	0.0996 HA	0.3774 HA	0.9945 HA	BERLY BABY	
	SURVEY LINE	2	2287/1993	57/1270 (57/1PT)	1.2141 HA	1.0009 HA	0.2017 HA	0.0114 HA	1.2027 HA	ULAHANNAN	
	DOCUMENT BOUNDARY LINE	3	1729/2016	57/1069	1.2141 HA	1.0890 HA	0.1158 HA	0.0093 HA	1.2048 HA	ULAHANNAN	
	BOUNDARY PILLER	4	1794/1993	57/1273 (57/1PT)	0.8701 HA	0.7022 HA	0.1648 HA	0.0032 HA	0.8669 HA	ULAHANNAN	
	PRIVATE /SERVICE ROAD	TOTAL AREA :			4.6702 HA	3.6870 HA	0.5819 HA	0.4013 HA	4.2689 HA		
	PWD / PANCHAYATH ROAD	<div>കാലുക ഓഫീസ് 23 NOV 2017 MANANTHALAS TANHSILDAR MANANTHAVADY</div> <div>ചെക്ക് ചെയ്ത തീയതി 30/11/17 താലൂക്ക് സർവ്വേർ മാനന്തവാടി</div> <div>വില്ലേജ് ഓഫീസ് 8/9/17 വില്ലേജ് ഓഫീസ് 80664</div>									
	SURVEY STONE / ROCK MARK										
MINING AREA : 3.6870 HA											
BUFFER AREA : 0.5819 HA											
PROPOSED LEASE AREA : 4.2689 HA											
SCALE 1 CM = 20 M											



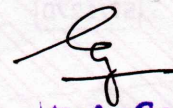
വില്ലേജ് ഓഫീസർ  
വില്ലേജ് ഓഫീസ്  
പി.ഒ. വാളാട്, പി.ഒ. 670644



Duplicate II

There is no difference between Original and Duplicate  
In this duplicate intermination, scanning etc is  
compared } Readed Al Lakshmi Chok (N)   
by } Examined Sreyi warrier clerk 

11<sup>th</sup> day of October 2022

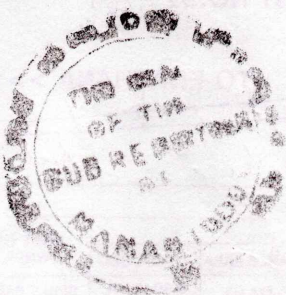


Reju George  
Sub Registrar

3133 2022

Document No. 10  
on Book 1 - 8 - 8  
8 - 8

  
Sub Registrar





**ANNEXURE 3**  
**KSPCB CONSENT**

**FILE NO : PCB/WND/ICO/R20WAY560146/2020**

**Date of issue : 04/03/2020**



**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. :12752310**

**Dated:11-02-2020**

**TO**

**M/s QUARRY OWNED BY ULAHANNAN**

**Valad,**

**Valad (PO)**

**Wayanad - 673591**

**Consent No. :PCB/WND/ICO/161/2020**

**Valid Upto :30/12/2024**



## 1. GENERAL

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

1	<b>VALIDITY</b>	30/12/2024
2	Name and Address of the establishment	QUARRY OWNED BY ULAHANNAN VALAD, VALAD (PO) 670644
3	Communication	Telephone :0-9946779938 Fax :- E-mail:gafoor.eis@gmail.com
4	Occupier Details	Ulahahannan Joseph, Edaputhusseriyil Veedu, Valad (PO), Wayanad-670644
5	Local Body	Thavinhal
6	Survey Number	57/16,1069,1270,1273
7	Village	Valad
8	Taluk	MANANTHAVADY
9	District	WAYANAD
10	Capital Investment(Rs in Lakhs)	150
11	Scale	Small
12	Category	RED
13	Annual fee(Rs)	Rs.25,000/-
	Total Fee remitted(Rs)	Rs.1,25,000/-
14	<b>RAW MATERIAL</b>	<b>PRODUCTS</b>
	Quarry	Quarrying from 3.6870 HA Area Quarrying in 3.6870 hectares of land in survey nos. 57/16,1069,1270 and 1273 of Valad village,Mananthavady Taluk of Wayanad district.
15	Total Power Required (HP)	Nil

## 2. CONDITIONS AS PER

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

- 2.1 In case of generation of trade effluent from the industry, effluent treatment system consisting of treatment units having adequate capacity established as per the Integrated Consent to Establish issued shall be operational at all times during which the industry is functional. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1) (g) of the Water Act shall also be made along with.
- 2.2 Water consumption: 3500 L/day
- 2.3 Effluent generation: 400 L/day
- 2.4 The characteristics of effluent after treatment shall confirm to the following tolerance limits:

SI.NO.	Characteristics	Unit	Tolerance Limit	
			Sewage	Trade Effluent



1. This consent is valid only for a period mentioned above or till all other statutory clearances and NOC from the District Collector are valid, whichever is lesser.
2. Any adverse order/ judgment passed by the Hon'ble Supreme Court, Hon'ble High Court, Hon'ble National Green Tribunal in the matter pertaining to rocks quarrying in Kerala state, will make this consent invalid.
3. Any adverse Government order passed in the matter of rock quarrying by the Central Government, State Government & Pollution Control Board, will make this consent invalid.
4. This Consent to Operate is issued only in accordance with norms and parameters of the Board as per the Air (Prevention & Control of Pollution) Act, 1981 and is not a permit / license to carry out mining operations/quarrying operation. Necessary permits / licenses for mining operation shall be obtained from competent authorities before starting operations
5. If required the consentee shall produce Environmental Clearance (EC) to the appropriate authorities.
6. It is the responsibility of occupier to ensure that quarrying activities are restricted to a distance more than 50 m from the nearby residences and public roads having vehicular traffic.
7. The sound level (Leq) at 1m outside the boundary of the site should not exceed the ambient noise standard applicable to the adjacent area.
8. The PM10 in the ambient air at the boundary shall not exceed 100 µg/m<sup>3</sup>.
9. The PM2.5 in the ambient air at the boundary shall not exceed 60 µg/m<sup>3</sup>.
10. proper fencing shall be maintained around the quarrying area.
11. Occupier should ensure that quarrying activities are carried out only in the specific area shown in the attached drawing.

DATE : 04/03/2020

**SHIJU M A**

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Date: 2020.03.16 10:47:33 +05'30'

SIGNATURE & SEAL OF ISSUING AUTHORITY  
ENVIRONMENTAL ENGINEER, DISTRICT  
OFFICE, WAYANAD



To

Ulahahannan Joseph,  
Edaputhusseriyil Veedu,  
Valad (PO),  
Wayanad-670644

Application No : 12752310



- 2.5 Mode of disposal of treated effluent: Soak pit

### 3. CONDITIONS AS PER

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

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

Stack No.	Sources of Emission	Emission Rate(Nm3/Hr)	Stack Height above		Control Equipment
			Ground Level	Roof Level	

- 3.2 Emission characteristics shall not exceed the following:

Sl.No.	Parameter	Limiting Standards (mg/Nm3)

### 4. CONDITIONS AS PER

#### The Environment (Protection) Act, 1986.

- 4.1 The operation of the industry shall be strictly in compliance with the provisions of the Noise Pollution (Regulation and Control) Rules 2000.
- 4.2 Used lead acid batteries shall be disposed of as per the Batteries (Management and Handling) Rules, 2001
- 4.3 Hazardous waste generated, if any, shall be handled as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- 4.3.1 Activities for which Authorisation is granted

Collection		transport	
Reception		Storage	
Treatment		Reprocessing/Disposal	

- 4.3.2 Type, quantity and mode of storage/collection/disposal of hazardous wastes shall be as follows:

Sl.No.	Hazardous Waste	Schedule Category	Quantity Tonne/year

Mode of	
Storage	Disposal

- 4.4 E-waste shall be disposed off safely as per the E-Waste (Management)Rules, 2016.

### 5. SPECIFIC CONDITIONS

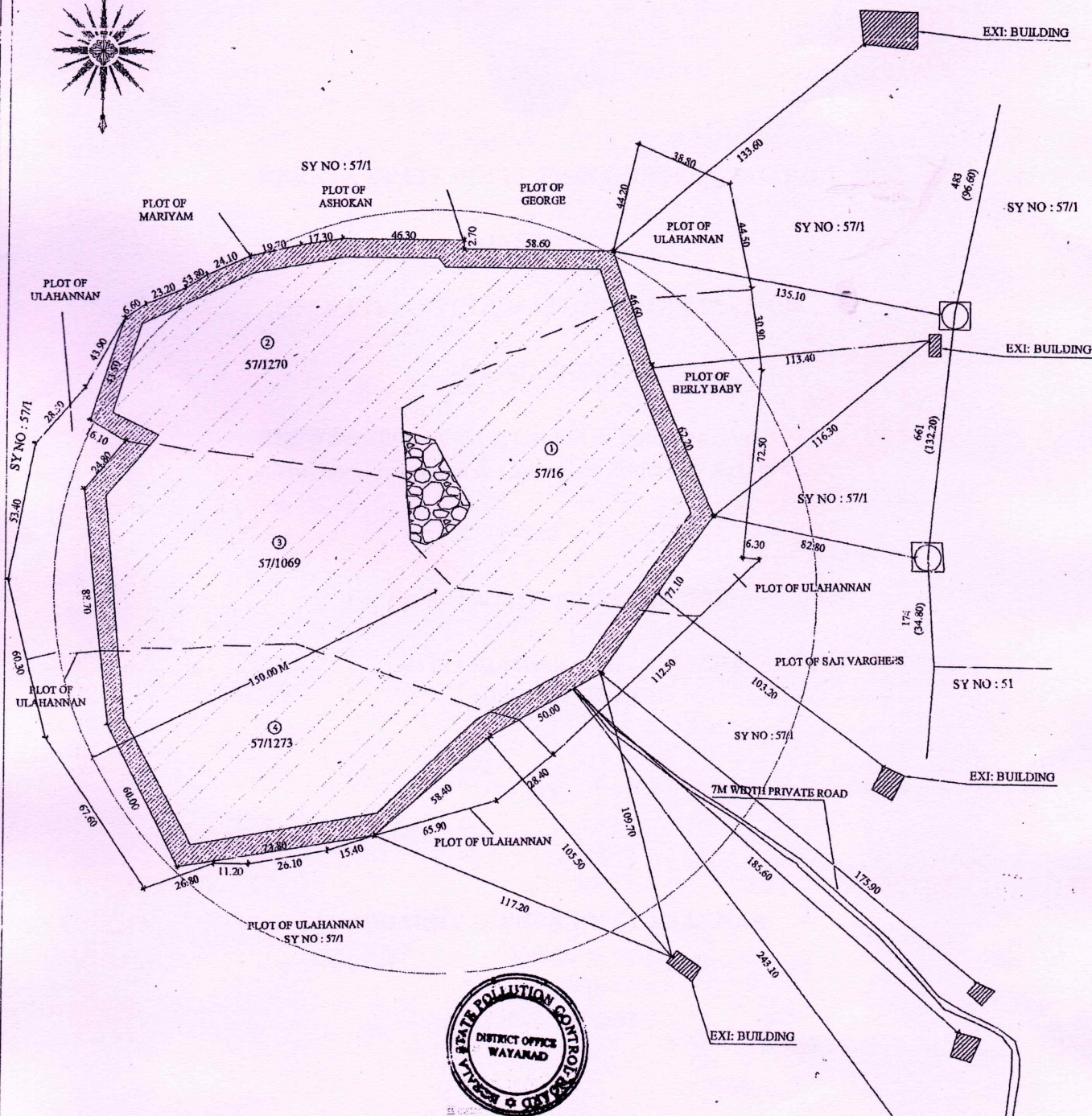
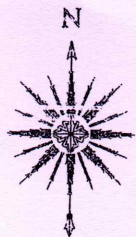


**1. This digitally signed document is legally valid as per the Information Technology Act 2000**

2. For verifying this document please go to [krocmms.nic.in](http://krocmms.nic.in) 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 Online Consent Management and Monitoring System.



**LAYOUT PLAN OF THE QUARY WARD NO : 18 SRY NO : 57/16 ,57/1069 , 57/1270, 57/1273, AT  
THAVINJAL PANCHAYATH, MANANTHAVADI TALUK,  
VALAD VILLAGE**



**SHIJU M A**

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Date: 2020.03.16 10:45:52  
+05'30'

TO VALAD

TO EDATHANA

**OWNER**

**PREPARED BY**

**UNIT**

Ulahannan E,J  
Edaputhushery (H)  
Valad

*(Signature)*

**ASHIQUE K**  
KUNNATH HOUSE, MEENANGADI POST, WAYANAD  
ENGINEER - A  
E : 9959108185091432123456789

Quary  
Valad

**ANNEXURE 4**  
**EXPLOSIVE LICENSE**





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

संख्या (No.): E/SE/KL/22/329(E129465)

दिनांक (Date): 02/08/2021

### ज्ञापन | Memorandum

विषय : Survey No.49/304(O.S. 49/1A2A1A1), ग्राम Kunnamangalam Desom, Nalloorad Village, Mananthava, जिला WAYANAD, राज्य Kerala में मेसर्स Shri ULAHANNAN द्वारा विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SE/KL/22/329(E129465) - अनुज्ञप्ति जारी करने के संदर्भ में।  
 Subject: Possession for Use of Explosives in a magazine situated at Survey No.:49/304(O.S. 49/1A2A1A1), Kunnamangalam Desom, Nalloorad Village, Mananthava, Distt. WAYANAD, State. Kerala of Shri ULAHANNAN Licence No : E/SE/KL/22/329 (E129465) granted in Form LE-3 of Explosives Rules, 2008 - Issue of Licence regarding

मेसर्स Shri ULAHANNAN, Edaputhusseriyil House, Thalapuzha, Valat P.O., Valat, Distt. WAYANAD, State. Kerala को दिनांक 31 मार्च 2026 को समाप्त समयावधी के लिए जारी Survey No.:49/304(O.S. 49/1A2A1A1), Kunnamangalam Desom, Nalloorad Village, Mananthava, WAYANAD, Kerala स्थित मैगजीन E/SE/KL/22/329 (E129465) 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 हैं, तो अनुज्ञप्ति की मूल प्रति पृष्ठांकित करें और जिला राजस्व अधिकारी, District Magistrate, WAYANAD, 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/22/329(E129465) granted to Shri ULAHANNAN, Edaputhusseriyil House, Thalapuzha, Valat P.O., Valat, Distt. WAYANAD, State. Kerala for the period ending 31<sup>st</sup> March 2026 to Possess for Use Explosives from their magazine situated at Survey No.:49/304(O.S. 49/1A2A1A1), Kunnamangalam Desom, Nalloorad Village, Mananthava, WAYANAD, 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, WAYANAD, 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.

(आर.वेणुगोपाल | Dr. R.Venugopal)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

उप मुख्य विस्फोटक नियंत्रक  
 Deputy Chief Controller of Explosives  
 एरनाकुलम Ernakulam

सेवा में | To,

इस कार्यालय

this office

प्रतिलिपि प्रेषित | Copy Forwarded to:

1. Shri ULAHANNAN, Edaputhusseriyil House, Thalapuzha, Valat P.O., Valat - 670644, Distt. WAYANAD, State. Kerala उनके दिनांक 20/07/2021 के आवेदन के संदर्भ में। With reference to their application dated 20/07/2021. QUARRYING SHALL BE STARTED USING EXPLOSIVES ONLY AFTER GRANT OF QUARRYING LEASE FROM THE DIRECTOR OF MINING & GEOLOGY. PLEASE NOTE THAT THE USE OF EXPLOSIVES IN THE QUARRIES SHALL BE AS PER THE DIRECTION OF DGMS, BANGALORE AS REQUIRED UNDER MINES ACT 1952 AND METALIFEROUS MINES REGULATIONS 1961. 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 31/03/2026 से पहले इस कार्यालय को भेजे जाएं।
  - o प्रारूप आरई-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन।
  - o 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।
  - o LE-3 में मूल अनुज्ञप्ति।
  - o 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 31/03/2026.

- o Application in Form RE-1 duly filled in and signed.





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: dycceernakulam@explosives.gov.in

No: E/SE/KL/22/329(E129465)

Dated : 03/08/2021

To,  
Shri ULAHANNAN,  
Edaputhusseriyil House, Thalapuzha, Valat P.O.  
Town/Village - Valat  
Distt. WAYANAD, State. Kerala, Pincode-670644

Subject: Possession for Use of Explosives from magazine at Survey No.:49/304(O.S. 49/1A2A1A1), Village/Town. Kunnamangalam Desom, Nalloorad Village, Mananthava, Distt. WAYANAD, State Kerala Licence No.: E/SE/KL/22/329(E129465) granted in Form LE-3 of Explosives Rules, 2008 -Endorsement regarding

Sir(s),

**Conditions:**

1) INTIMATION REGARDING QUARRYING OPERATIONS AT R SY.NO.57/16, 57/1270, 57/1069, 57/1273 OF VALAD VILLAGE, MANANTHAVADY TALUK, WAYANAD DISTRICT, VIDE INDENT LETTER FROM DIRECTORATE OF MINING & GEOLOGY NO.1833/M3/2018 DATED 21/03/2018 IS ACKNOWLEDGED.  
Reference memo No.: E/SE/KL/22/329(E129465) Dated 30/07/2021 from Dy. Chief Controller of Explosives, Ernakulam and inspection of the subject premises by an officer of this organization on 24/07/2021.

The subject licence No. E/SE/KL/22/329(E129465) valid upto 31st March 2026 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 31/03/2026.

- 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,

(Dr. P. K. Rana)

Controller of Explosives  
For Dy. Chief Controller of Explosives  
Ernakulam

कृते उप मुख्य विस्फोटक नियन्त्रक  
For Deputy Chief Controller of Explosives  
एरनाकुलम Ernakulam

Copy Forwarded to:

1. District Magistrate, WAYANAD, Kerala with reference to his Noc No: DCWYD/7146/2020-M1 Dated: 06/05/2021.

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>]

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



- o Licence fees renewable for one to five years, to be submitted online through e-payment facility available on online application under the Explosives Rules, 2008.
  - o Original licence in Form LE-3.
  - o In this connection, please also refer to Rule 112 of Explosives Rules 2008.
2. **District Magistrate, WAYANAD, Kerala with reference to his Noc No: DCWYD/7146/2020-M1 Dated: 06/05/2021**  
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, WAYANAD, 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.

उप मुख्य विस्फोटक नियंत्रक | Deputy 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>)

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



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

अनुज्ञप्ति प्रशङ्कित  
LICENCE ENDORSED

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

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

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

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

अनुज्ञप्ति सं. (Licence No.) : E/SE/KL/22/329(E129465)

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

1. Licence is hereby granted to

Shri ULAHANNAN (आधिभागी / Occupier : Shri ULAHANNAN), Edaputhusseriyil House, Thalapuzha, Valat P.O., Town/Village - Valat, District-WAYANAD, State-Kerala, Pincode - 670644

को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : Individual

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमान्य है।  
Licence is valid only for the following purpose.

possess for use of Nitrate Mixture, Safety Fuse, Electric/Non Electric(Nonel) Detonators, के उपयोग के लिए

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

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

क्र. Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में Quantity at any one time
1.	Nitrate Mixture	2,0	0	100 Kg.
2.	Safety Fuse	6,1	0	750 Mtrs
3.	Electric/Non Electric(Nonel) Detonators	6,3	0	4000 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 : 3 times as above.

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

रेखाचित्र क्र. (Drawing No.) E/SE/KL/22/329  
(E129465)  
दिनांक (Dated) 02/08/2021

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

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

Survey No. 49/304(O.S. 49/1A2A1A1) , ग्राम (Town/Village) : Kunnamangalam Desom, Nalloornad Village, Mananthava

जिला (District) WAYANAD राज्य (State) Kerala पोलिस थाना (Police Station) : Mananthavady  
दूरभाष (Phone) 9947671123 ई. मेल (E-Mail) पिनकोड (Pincode) 670644  
फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

The licensed premises consist of following facilities.

2 Portable magazines of H & E types bearing Sl.Nos.62 & 710 respectively, fabricated by M/s.Thekkans Engineering & Fabrication Works, Ernakulam

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

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

- 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.
- अनुज्ञप्ति प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञप्ति की शर्तें और अतिरिक्त शर्तें।  
Conditions and Additional Conditions of this licence signed by the licensing authority.
- दूरी प्ररूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञप्ति तारीख 31 मार्च 2026 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2026.

यह अनुज्ञप्ति अधिनियम या उसके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबद्धों के अधीन रहते हुए अनुदत्त की जाती है।



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 - 02/08/2021

उप मुख्य विस्फोटक नियंत्रक | Dy. Chief Controller of

Explosives  
Ernakulam

नवीनीकरण के पृष्ठांकन के लिए स्थान  
Space for Endorsement of Renewal

उप मुख्य विस्फोटक नियंत्रक  
Deputy Chief Controller of Explosives  
एरनाकुलम Ernakulam

नवीनीकरण 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.



passed by the testing officer as satisfactory:

Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day :

Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.

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

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

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

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

11. अनुज्ञप्तिधारी 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 की जाने पर स्टॉक पुस्तक और अभिलेख प्रस्तुत करेगा । स्टॉक पुस्तक विहित प्रोफार्मा में पृष्ठ संख्यांकित होगी ।

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

12. परिसरों में कोई परिवर्तन या तबदीली अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुज्ञप्तिधारी 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 अनुज्ञप्तिधारी इस बात की सूचना अनुज्ञापन प्राधिकारी को तुरंत देगा ।

Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason whatsoever.

मैगजीन का अनुज्ञप्तिधारी इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा ।

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

22. निरीक्षण या नमूना अधिकारी को सभी युक्तियुक्त समयों पर 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 सम्यकतः 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 अनुज्ञप्तिधारक को अनुज्ञात 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, अनुज्ञप्तिधारक सिफारिशों को निष्पादित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा ।

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



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 अनुज्ञापति सं. E/SE/KL/22/329(E129465) की शर्तें निम्नलिखित हैं।  
The following are the conditions of licence number E/SE/KL/22/329(E129465) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c)) granted by Chief controller of Explosives or Controller of Explosives.

- परिसर में किसी भी समय विस्फोटकों की मात्रा अनुज्ञापन योग्य सामर्थ्य से अधिक नहीं होगी।  
The quantity of explosives on the premises at any one time shall not exceed the licensable capacity.
- विस्फोटकों के भंडारण के लिए प्रयुक्त होने वाली मैगजीन अनुसूची III और अनुज्ञापति 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 अनुज्ञापति में विनिर्दिष्ट है, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं।  
The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
- पैकजों को खोलने का कार्य और विस्फोटकों को 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 अनुज्ञापिधारी अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा।  
(ii) जब कोई विस्फोटक मानक शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो ग्लाइसरीन या द्रव नाइट्रो योगिक के निकल जाने के चिह्न प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञापिधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करें।  
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.  
(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.  
(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.
- मैगजीन के भीतरी भाग या उसमें लगी बेंचो, शेल्फों और उसकी फिटिंग का इस प्रकार सन्निर्माण किया जाएगा या उन्हें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोका जा सके। भीतरी भाग में लगी बेंचें, शेल्फें और फिटिंग यथासाध्य ग्रीट 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 बाधकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से भिन्न कोई विस्फोटक रखा गया है।  
The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from;  
Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.
- यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञापिधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञापिधारी द्वारा पश्चात्कर्तव्य प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तडित चालक को समाधानप्रद घोषित नहीं कर देता :  
परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के किए गए सभी परीक्षणों के लिए प्रभार्य होगा :  
परंतु यह और कि यदि दो या अधिक तडित चालक एक ही मैगजीन से संबद्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तडित चालक के परीक्षण के लिए हर स्थिति में विहित की गई है।



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(A1) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;  
b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log10 (N) dB, where N = number of crackers joined together.
26. आग या विस्फोट द्वारा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत पास के पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी।  
Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

**अतिरिक्त शर्तें / Additional Conditions :**

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

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

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

Deputy Chief Controller of Explosives  
एरणाकुलम 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/22/329(E129465) in form LE-3 granted to Shri ULAHANNAN, Edaputhusseriyil House, Thalapuzha, Valat P.O., Kerala-670644 .

Type of Structure(s)		Safety distances meters	
Inside Safety Distances(ISD)		M	UM
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		
Middle Safety Distances(MSD)			
4	Magazine Keeper's or Chowkidar's Dwelling house		
5	Railway including Minerals and Private Railways		
6	Canal (in active use) or other navigable water		
7	Dock or Pier or Jetty		
8	Public Highway or Public Road		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		
Outside Safety Distances(OSD)			
13	Dwelling House		
14	Govt. and Public Building		
15	Temple, Mosque, Church or Gurudwara or other Places of Worships		
16	Shops, Market place, Public recreation and Sports Ground, College, School, Hospital, Theater, Cinema or other Building where the public are accustomed to assemble		
17	Factory		
18	Buildings or Works used for the Storage in Bulk of Petroleum, Sprit, gas, or other inflammable or hazardous substances		
19	Building or Works used for Storage and Manufacture of Explosives or of articles which contain Explosives		45
20	Aerodrome		
21	Furnace, Kiln or Chimney		
22	Quarry or mine pit head		
23	Power House or Electric Substation		
24	Wireless Station		
25	Warehouse or other Storage Building		
26	Any other Protected works		
Overhead Electric lines			
27	Electric Power over head Transmission Lines above 440V		45
28	Electric Power over head Transmission Lines upto 440V		15

The Date : 02/08/2021

For Dy. Chief Controller of Explosives  
Ernakulam

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

उप मुख्य विस्फोटक नियंत्रक  
Deputy Chief Controller of Explosives  
एरनाकुलम Ernakulam





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: dycceernakulam@explosives.gov.in

No: E/SE/KL/22/329(E129465)

Dated : 03/08/2021

To,  
Shri ULAHANNAN,  
Edaputhusseriyil House, Thalapuzha, Valat P.O.  
Town/Village - Valat  
Distt. WAYANAD, State. Kerala, Pincode-670644

Subject: Possession for Use of Explosives from magazine at Survey No.:49/304(O.S. 49/1A2A1A1), Village/Town. Kunnamangalam Desom, Nalloornad Village, Mananthava, Distt. WAYANAD, State Kerala Licence No.: E/SE/KL/22/329(E129465) granted in Form LE-3 of Explosives Rules, 2008 -Endorsement regarding

Sir(s),

**Conditions:**

1) INTIMATION REGARDING QUARRYING OPERATIONS AT R SY.NO.57/16, 57/1270, 57/1069, 57/1273 OF VALAD VILLAGE, MANANTHAVADY TALUK, WAYANAD DISTRICT, VIDE INDENT LETTER FROM DIRECTORATE OF MINING & GEOLOGY NO.1833/M3/2018 DATED 21/03/2018 IS ACKNOWLEDGED.

Reference memo No.: E/SE/KL/22/329(E129465) Dated 30/07/2021 from Dy. Chief Controller of Explosives, Ernakulam and inspection of the subject premises by an officer of this organization on 24/07/2021.

The subject licence No. E/SE/KL/22/329(E129465) valid upto 31st March 2026 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 31/03/2026.

- 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,

(Dr. P. K. Rana)  
Controller of Explosives  
For Dy. Chief Controller of Explosives  
Ernakulam

Copy Forwarded to:

1. District Magistrate, WAYANAD, Kerala with reference to his Noc No: DCWYD/7146/2020-M1 Dated: 06/05/2021.

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

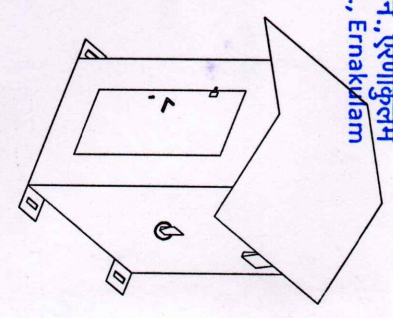
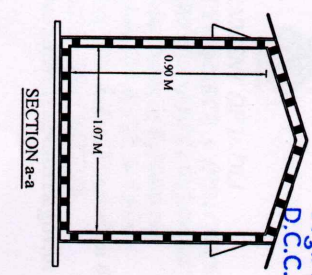
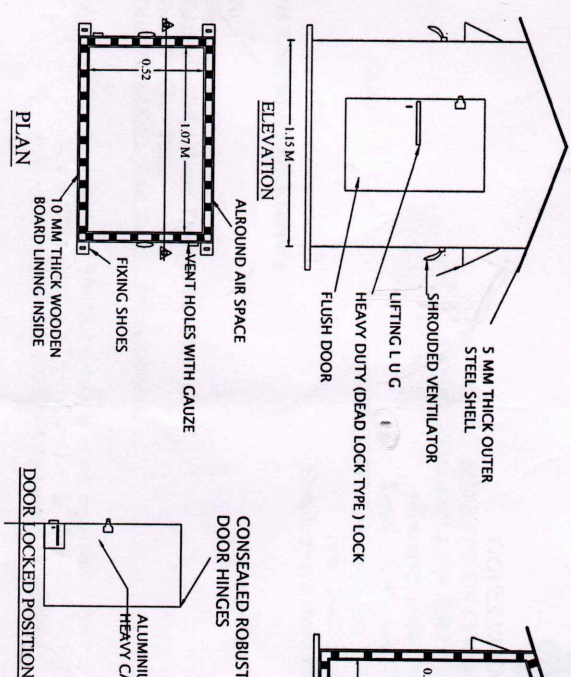
**Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.**

For Dy. Chief Controller of Explosives,  
Ernakulam



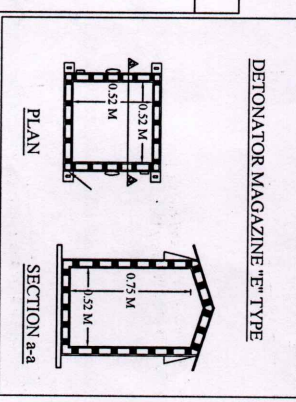
Plan Approved  
प्राप्त संख्या द्वारा E/SE/KL/22/829 (E/29465)  
Vide Letter No.  
दिनांक/ Dated 03/08/2021

MAIN MAGAZINE "D" TYPE



च.मु.वि.नि. एणकुलम  
P.C.C.E., Ernakulam

PORTABLE MAGAZINE



SPECIFICATION

- All steel plate are 5mm thick used in fabrication
- Interior lining at least 10 mm thick on walls, doors and ceiling and 25mm thick on door and consistin of closed fittings boards or wood joined together by tongue and groove joints in such a way that no iron or steel is exposed on the interior sides, ceiling, floor or doors
- Ventilation by vent which are adequately protected
- External hinges of steel welded to the door and to the frame of magazine
- A lock of "Dead Lock" type for external door

The doors or lid must overlap the door opening by at least 1 inch (25 mm). Hinges, hasps and panels ssha be welded, riveted, or bolted with nuts on inside so they cannot be removed or disassembled from the magazine.

Fabrication drawing of Portable Magazine for "D" Type 100 KG and "E" type 50 KG capacity of M/S Thekkans Engineering and Fabrication works, V11/154, Veliyanad P.O Ernakulam District, Kerala pin 682 319, Kerala.

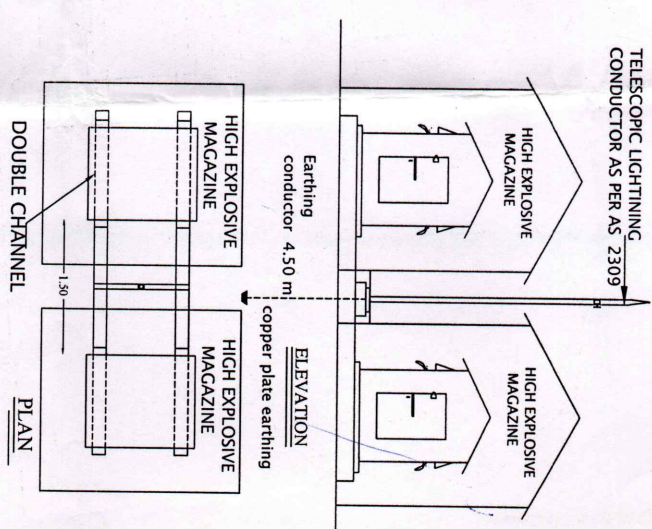
This drawing is the property of the above firms. It should not be copied whole or in part with out their written permission.

For THEKKANS ENGINEERING AND FABRICATION WORKS

"CERTIFIED THAT THE MAGAZINE HAS BEEN FABRICATED AS PER APPROVAL OF THE CHIEF CONTROLLER OF EXPLOSIVES"

Proprietor

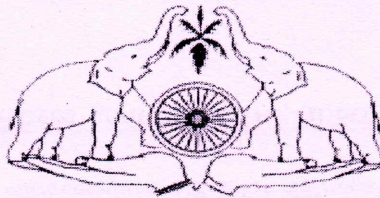
"D" TYPE MAGAZINE (100 KG) ACCOMODATES	"E" TYPE MAGAZINE (50 KG) ACCOMODATES
1) 100 Kg High Explosives Class I,II,III OR 2) 4000 Meters Detonating Fuse Safety Fuse OR 3) 6000 Nos Electric Detonators OR 4) 20000 Nos Ordinary Detonators OR 5) 5000 Nos Electric Detonators & 5000 Nos Ordinary Detonators OR 6) 100 Kgs Of Explosive And 2000 Meters Of Safety Fuse	1) 50 Kg High Explosives Class I,II,III OR 2) 2000 Meters Detonating Fuse Safety Fuse OR 3) 2500 Nos Electric Detonators OR 4) 10000 Nos Ordinary Detonators OR 5) 2000 Nos Electric Detonators & 2000 Nos Ordinary Detonators OR 6) 50 Kgs Of Explosive And 2000 Meters Of Safety Fuse
PERMITTED TOLERANCE OUTER DIMENSIONS = (-) 2%	PERMITTED TOLERANCE OUTER DIMENSIONS = (-) 2%





**ANNEXURE 5**  
**PANCHAYAT LICENSE**





9001:2015

# തവിഞ്ഞാൽ ഗ്രാമപഞ്ചായത്ത്

തലപ്പുഴ പോസ്റ്റ്, വയനാട്, 670644

ഫോൺ : 04935 256236 ഇ മെയിൽ : [thavinhalgpo@gmail.com](mailto:thavinhalgpo@gmail.com)

വ്യവസായം, വാണിജ്യം, സംരംഭകത്വം, മറ്റുസേവനങ്ങൾക്കുള്ള

## ലൈസൻസ്

(1994 ലെ കേരളാ പഞ്ചായത്ത് രാജ് നിയമം സെക്ഷൻ 232, 1996 ലെ FACTEOS ചട്ടങ്ങൾ)

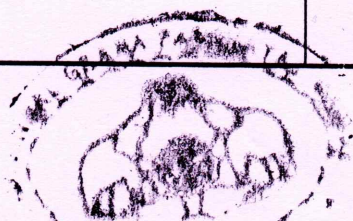
നമ്പർ:

349 / 2021 - 2022

തീയതി :

September 29, 2021

ലൈസൻസിയുടെ പേര്	ഉലഹന്നാൻ. ഇ ജെ	
ലൈസൻസിയുടെ മേൽ വിലാസം	ഇടപ്പുതുശ്ശേരി	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	കാറി, വാളാട്	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	കരിങ്കല്ല് ഉല്പാദനം, വിപണനം	
വാർഡ് നമ്പർ / കെട്ടിട നമ്പർ	XVIII/ വാളാട് വില്ലേജ് റീ.സ- 57/16,1069,1270&1273 ൽ പെട്ട 4.6702 ഹെക്ടർ ഭൂമി	
ലൈസൻസ് കാലാവധി	29/09/2021 മുതൽ 31/03/2026 (വ്യവസ്ഥകൾ ബാധകം)	
ലൈസൻസ് ഫീസ്	തുക	രസീത് നമ്പർ / തീയതി
	25000.00	1210100262 dtd 29/09/2021
മെഷീനുകൾ സ്ഥാപിക്കുന്നതിനുള്ള ഫീസ്		
മെഷീനുകൾ പ്രവർത്തിപ്പിക്കുന്നതിനുള്ള ഫീസ്		
തൊഴിൽ നികുതി	1250.00	1210100262 dtd 29/09/2021
ലൈസൻസ് അനുവദിക്കുന്നതിന് ബന്ധപ്പെട്ട വകുപ്പിൽ നിന്നും ഹാജരാക്കിയ നിരാക്ഷേപ സാക്ഷ്യപത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാര സ്ഥാപനം)	<p>1. മലിനീകരണ നിയന്ത്രണ ബോർഡ് സർട്ടിഫിക്കറ്റ് - (Valid upto 30.12.2024)</p> <p>2. വില്ലേജ് ഓഫീസർ സാക്ഷ്യപ്പെടുത്തിയ ലൊക്കേഷൻ സ്കെച്ച്, കൈവശാവകാശ സർട്ടിഫിക്കറ്റ്</p> <p>3. ചീഫ് കണ്ട്രോളർ ഓഫ് എക്സ്പ്ലോസീവ്സ് ന്റെ അനുമതി (Validity - 31/03/2026)</p> <p>4. മെനിംഗ് ആന്റ് ജിയോളജി വകുപ്പിന്റെ അനുമതി</p> <p>5. സ്റ്റേറ്റ് എൻവയൺമെന്റ് ഇമ്പാക്ട് അസസ്മെന്റ് അതോറിറ്റിയുടെ അനുമതി (Validity- 31/12/ 2024)</p> <p>മേൽ രേഖകളുടെ കാലാവധി അവസാനിക്കുന്ന പക്ഷം ആയത് പുതുക്കി സമർപ്പിക്കേണ്ടതും അല്ലാത്ത പക്ഷം ടി ലൈസൻസിന്റെ സാധൂത നഷ്ടപ്പെടുന്നതുമാണ്.</p> <p>ഹാജരാക്കിയ സാക്ഷ്യപത്രങ്ങൾ/അനുമതികൾക്ക് പുറമെ മറ്റേതെങ്കിലും വകുപ്പിന്റെ സാക്ഷ്യപത്രങ്ങൾ/അനുമതികൾ ആവശ്യമുണ്ടെങ്കിൽ ആയത് സ്വന്തം ഉത്തരവാദിത്വത്തിൽ സമ്പാതിച്ച് സൂക്ഷിക്കേണ്ടതും പരിശോധനയ്ക്ക് ഹാജരാക്കേണ്ടതുമാണ്.</p>	



സെ/കടറി



ലൈസൻസി താഴെ പറയുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു

- 1 കേരളാ പഞ്ചായത്ത് രാജ് ആക്ടും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും ബൈലോകളും അനുസരിച്ചു പ്രവർത്തിക്കേണ്ടതാകുന്നു.
- 2 തൊഴിൽസ്ഥലവും പരിസരങ്ങളും വെടിപ്പായും വൃത്തിയായും സാംക്രമികരോഗാണുക്കൾ ഉണ്ടാകാത്ത വിധത്തിലും പൊതുജനോപദ്രവമാകാത്ത വിധത്തിലും വ്യാപാരത്തിനു വച്ചിട്ടുള്ള ഭക്ഷണ പദാർത്ഥങ്ങൾ ഈച്ച, അണുക്കൾ, പൊടി മുതലായവയുടെ ശല്യം ഉണ്ടാകാത്ത വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ്.
- 3 തൊഴിൽസ്ഥലവും അതിലുള്ള സാധനസാമഗ്രികളും പഞ്ചായത്തധികാരികൾക്കോ/സെക്രട്ടറി അധികാരപ്പെടുത്തുന്ന മറ്റ് ഉദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസൻസുടമസ്ഥൻ വേണ്ട സൗകര്യം നൽകേണ്ടതും അവർ ആവശ്യപ്പെട്ടാൽ ഈ ലൈസൻസ് കാണിക്കേണ്ടതുമാകുന്നു.
- 4 പഞ്ചായത്തിൽ നിന്നും അനുവാദം സിദ്ധിച്ചശേഷമല്ലാതെ തൊഴിൽ സ്ഥലം മാറ്റാവുന്നതല്ലാത്തതും തൊഴിൽ നിർത്തുന്ന പക്ഷം വിവരം മുൻകൂട്ടി പഞ്ചായത്തിൽ അറിയിക്കേണ്ടതുമാകുന്നു.
- 5 ഏതൊരു പ്രവർത്തി ദിവസത്തിന്റെയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേണ്ടതാണ്.
- 6 ആ സ്ഥലത്തിന്റെയോ പുരയിടത്തിന്റെയോ, ഏതെങ്കിലും ഭാഗത്ത് വീഴുകയോ നിക്ഷേപിക്കപ്പെടുകയോ ചെയ്യുന്ന ചപ്പുചവറോ, മൃഗങ്ങളുടെ തുണ്ടുകളോ മറ്റ് പദാർത്ഥമോ ശേഖരിച്ച് സെക്രട്ടറിക്ക് തൃപ്തികരമായ രീതിയിൽ നീക്കം ചെയ്യിക്കേണ്ടതാണ്.
- 7 ലൈസൻസുകാരൻ ഏതൊരു കെട്ടിടത്തിന്റെയും ചുമരുകളുടെ അകവശത്തിന്റെ ഏതൊരു ഭാഗവും മേൽപറഞ്ഞ പുരയിടത്തിലുള്ള തറയും നടപ്പാതയും അവിടെ തെറിച്ചുവീഴാനിടയുള്ള ഏതെങ്കിലും ദ്രാവകമോ, മാലിന്യമോ ചപ്പുചവറോ, അസഹ്യമോ, ഉപദ്രവകരമായ ഏതെങ്കിലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് തടയത്തക്കവിധം എപ്പോഴും നന്നായും കേടുപാട് തീർത്തും വയ്പിക്കേണ്ടതാണ്.
- 8 ലൈസൻസുകാരൻ മേൽപറഞ്ഞ പുരയിടത്തിലോ, അതോടു ചേർന്നോ ഉള്ള ഏതൊരു ഓവുചാലും, അഴുക്കുജലം കളയുന്നതിനുള്ള ഉപകരണവും എപ്പോഴും നന്നായും കേടുപാടുകൾ തീർത്തും വയ്പിക്കേണ്ടതാണ്.
- 9 ഏതെങ്കിലും തരത്തിലുള്ള ത്വക്ക് രോഗമോ കുഷ്മാരോഗമോ വ്രണമോ ഉള്ള യാതൊരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന യാതൊരു പരിസരത്തും പ്രവർത്തിക്കുവാൻ പാടില്ലാത്തതാകുന്നു.
- 10 ഏത് സ്ഥലത്തിന്റെ കാര്യത്തിൽ ലൈസൻസ് നൽകിയിരിക്കുന്നുവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണത്തക്കവിധത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസൻസുകാരൻ തന്റെ പേരും, ലൈസൻസിന്റെ നമ്പരും ഉദ്ദേശവും കാണിക്കുന്ന അടയാളപ്പലക വച്ചിരിക്കേണ്ടതാണ്.
- 11 അധിത്തം ആചരിക്കുന്ന കടകളുടെ ലൈസൻസ് റദ്ദുചെയ്യുന്നതാണ്.
- 12 നിരോധിത പ്ലാസ്റ്റിക് ഇനങ്ങൾ ഉൽപ്പാദിപ്പിക്കുകയോ, ശേഖരിക്കുകയോ, വിൽക്കുകയോ, കൈകാര്യം ചെയ്യുകയോ ചെയ്യാൻ പാടില്ല.
- 13 സ്ഥാപനത്തിന്റെ ബോർഡിൽ സ്ഥലനാമം മലയാളത്തിലും, ഇംഗ്ലീഷിലും രേഖപ്പെടുത്തേണ്ടതാണ്.
- 14 21 സീറ്റിൽ കൂടുതലുള്ള എല്ലാ ഹോട്ടലുകൾക്കും, റെസ്റ്റോറന്റുകൾക്കും ടോയ്ലറ്റ് സൗകര്യം ഏർപ്പെടുത്തേണ്ടതാണ്.
- 15 നിരോധിത ഉൽപ്പന്നങ്ങളായ പാൻമസാല, ഗുഡ്ക തുടങ്ങിയവ സംഭരിച്ച് വെയ്ക്കുവാനോ വിൽക്കുവാനോ പാടില്ല.
- 16 ബാലവേല അനുവദിക്കാൻ പാടില്ല.
- 17 ലൈസൻസ് അവസാനിക്കുന്ന തീയതിക്ക് 30 ദിവസം മുമ്പ് ലൈസൻസ് പുതുക്കുന്നതിനുള്ള അപേക്ഷ സമർപ്പിക്കേണ്ടതാണ്.
- 18 മുകളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളിൽ ഏതെങ്കിലും ലംഘിക്കുന്ന പക്ഷം ഈ ലൈസൻസ് റദ്ദ് ചെയ്യുന്നതാണ്.
- 19 ഈ ലൈസൻസിന്റെ പ്രാബല്യം ആരോഗ്യ വകുപ്പിന്റെ പരിശോധനയ്ക്കും, റിപ്പോർട്ടിനും വിധേയമായിരിക്കും



സെക്രട്ടറി

തവിഞ്ഞാൽ ഗ്രാമപഞ്ചായത്ത്

THIRUVANANTHAPURAM GRAMA PANCHAYAT



**ANNEXURE 7**  
**ENVIRONMENTAL MONITORING RESULTS**



**TEST REPORT****ULR No: TC1219123000002411F**

LRI No.: SEAL23100577A

Date: 11-10-2023

Page 1 of 1

**CUSTOMER DETAILS**

Customer Name & Address	<b>Mr. Ulahannam</b> Edaputhusseriyil Veedu Thalappuzha, Valad P.O Wayanad District
Customer Reference	Test Request date: 29-09-2023

**SAMPLE DETAILS**

Product Category	Atmospheric Pollution	Sample Code	EN23091182
Sample Name	Ambient Air	Sample Received on	30-09-2023
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	01-10-2023
Sampled by	Lab Authorized Sampler	Test Completed on	10-10-2023

**DETAILS OF SAMPLING**

Sampling Location	Project Site	Date of Sampling	29-09-2023
Sampling Procedure	SEAL/ENL/GEN/SOP/02	Humidity	67 %

**SAMPLING SITE DETAILS**

Survey No.	57/16,57/1270,57/1069,57/1273		
Village	Valad	Taluk	Manathavady
District	Wayanad	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>	52.8	100 (Max)
2	Particulate matter ,PM <sub>2.5</sub>	IS 5182 (Part 24): 2019	µg/m <sup>3</sup>	21.7	60.0 (Max)
3	Sulphur dioxide as SO <sub>2</sub>	IS 5182 (Part 2): 2001	µg/m <sup>3</sup>	BDL(LOD<4.00)	80.0 (Max)
4	Oxides of Nitrogen as NO <sub>2</sub>	IS 5182 (Part 6): 2006	µg/m <sup>3</sup>	<4.00	80.0 (Max)

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



**Nesny A.K.**  
**Chemist**  
Checked by




**Laiju 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 - 12191 & "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: TC1219123000002412F**

LRI No.: SEAAL23100578A

Date: 11-10-2023

Page 1 of 2

**CUSTOMER DETAILS**

Customer Name & Address	<b>Mr. Ulahannam</b> Edaputhusseriyil Veedu Thalappuzha, Valad P.O Wayanad District
Customer Reference	Test Request date: 29-09-2023

**DETAILS OF MONITORING**

Product Category	Atmospheric Pollution	Sample Code	EN23091183
Sample Name	Ambient Noise	Monitoring Commenced on	29-09-2023
Test Method	IS 9989:1981	Monitoring Completed on	30-09-2023
Monitoring Location	Project Site	Monitored by	Lab Authorized Sampler

**SAMPLING SITE DETAILS**

Survey No.	57/16,57/1270,57/1069,57/1273		
Village	Valad	Taluk	Manathavady
District	Wayanad	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	36.4
08:00	45.3	16:00	52.8	24:00	39.0
09:00	48.9	17:00	53.2	01:00	39.8
10:00	51.2	18:00	47.7	02:00	39.4
11:00	54.4	19:00	44.1	03:00	40.1
12:00	51.6	20:00	40.2	04:00	39.0
13:00	50.8	21:00	39.7	05:00	40.9



**Nesny A.K.**  
Chemist  
Checked by




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## TEST REPORT

ULR No: TC1219123000002412F

LRI No.: SEAAL23100578A

Date: 11-10-2023

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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)	39.4

Remarks:

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

# Standards



**Nesny A.K.**  
**Chemist**

Checked by



**Laiju P.N.**  
**Laboratory Head**  
Authorized Signatory

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**TEST REPORT****ULR No: TC1219123000002410F**

LRI No.: SEAAAL23100576A

Date: 11-10-2023

Page 1 of 2

**CUSTOMER DETAILS**

Customer Name & Address	<b>Mr. Ulahannam</b> Edaputhusseriyil Veedu Thalappuzha, Valad P.O Wayanad District
Customer Reference	Test Request Date: 29-09-2023

**SAMPLE DETAILS**

Product Category	Water	Sample Code	WT23090784
Sample Name	Ground Water	Sample Received on	30-09-2023
Sample Description by Customer	Open Well Water	Temperature @ Receipt	27°C
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	01-10-2023
Sample Quantity & Packing	1 L & 125 ml in a Plastic Bottle	Test Completed on	10-10-2023
Information Provided by Customer	---	Sampled by	Lab Authorized Sampler

**SAMPLING SITE DETAILS**

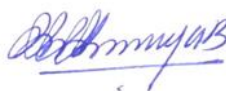
Survey No.	57/16,57/1270,57/1069,57/1273		
Village	Valad	Taluk	Manathavady
District	Wayanad	State	Kerala

**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): 1983	Hazen	1	5 (Max)
2	Odour	IS 3025 (Part 5): 2018	---	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10): 1984	NTU	<0.1	1.0 (Max)


**Nesny A.K.**  
**Chemist**

Checked by



**Remya B.**  
**TM-Biological**

Authorized Signatory


**Laiju 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 &amp; Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017

vide Certificate No. TC - 12191 &amp; "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: TC1219123000002410F**

LRI No.: SEAAAL23100576A

Date: 11-10-2023

Page 2 of 2

**TEST RESULTS- CHEMICAL DISCIPLINE**

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
4	pH	IS 3025 (Part 11): 1983	---	7.01	6.50-8.50
5	Conductivity	IS 3025 (Part 14): 1984	μS/cm	144	---
6	Total Dissolved Solids	IS 3025 (Part 16): 1984	mg/L	92.2	500 (Max)
7	Total Hardness as CaCO <sub>3</sub>	IS 3025 (Part 21): 2009	mg/L	56.0	200 (Max)
8	Calcium as Ca	IS 3025 (Part 40): 1991	mg/L	15.2	75 (Max)
9	Magnesium as Mg	IS 3025 (Part 46): 1994	mg/L	4.38	30 (Max)
10	Chloride as Cl	IS 3025 (Part 32): 1988	mg/L	15.1	250 (Max)
11	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (Part 23): 1986	mg/L	15.8	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): 1986	mg/L	1.64	200 (Max)

**TEST RESULTS - BIOLOGICAL DISCIPLINE**

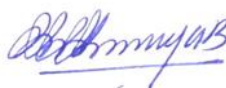
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
1	Total Coliform Bacteria	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml
2	E coli	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml

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: seaalab@gmail.com



**ANNEXURE 8**

**ENVIRONMENTAL MONITORING CELL**

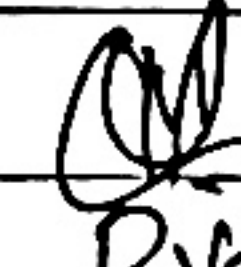
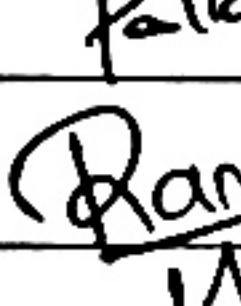


Date : 06 - 04 - 2023

2023 ഏപ്രിൽ 06 ന് ക്വാറി അതിർത്തി പദ്ധതി ഭാഗം EMC  
വീഡിയോ ക്ലിപ്പുകൾ

- 1) മെട്രിക്സ് ക്ലാസ്സ് റെഗുലേഷൻ ക്വാറി മെമ്പർമാർക്ക് അനുവദിക്കുന്ന  
നിയമങ്ങൾ ക്ലിപ്പുകൾ.
- 2) ഭരണ മേഖല മെമ്പർമാർക്ക് അനുവദിക്കുന്ന ക്ലിപ്പുകൾ ക്ലിപ്പുകൾ.
- 3) മെട്രിക്സ് ക്ലാസ്സ് ക്വാറി പരിസ്ഥിതി വൃത്തിയാക്കൽ ക്ലിപ്പുകൾ.
- 4) മെമ്പർമാർക്ക്, സുരക്ഷാ മേമ്പർമാർക്ക് മെമ്പർമാർ ക്വാറിയിൽ  
പ്രവേശിക്കാൻ ക്ലിപ്പുകൾ.
- 5) ക്വാറി പരിസ്ഥിതിയിൽ വൃത്തിയാക്കൽ, മൂല, മെമ്പർമാർക്ക്,  
മെമ്പർമാർക്ക് നൽകുന്ന ക്ലിപ്പുകൾ.
- 6) ക്വാറിയിൽ സ്പെഷ്യൽ നിയമങ്ങൾ ക്ലിപ്പുകൾ ക്ലിപ്പുകൾ.  
മെമ്പർമാർക്ക് മെമ്പർമാർക്ക് സ്പെഷ്യൽ നിയമങ്ങൾ ക്ലിപ്പുകൾ.
- 7) സ്പെഷ്യൽ നിയമങ്ങൾ മെമ്പർമാർക്ക് സ്പെഷ്യൽ നിയമങ്ങൾ  
നിയമങ്ങൾ ക്ലിപ്പുകൾ.

→ ക്ലാസ്സിക് മെമ്പർമാർ

- 1) മെമ്പർമാർ (owner)
- 2) M. മെമ്പർമാർ (mines managers) 
- 3) മെമ്പർമാർ (mines mode) 
- 4) മെമ്പർമാർ K K (manager)



2023 ജൂൺ 03: 30 തിങ്കൾ ക്ലാസ് മുറിയിൽ പാഠ്യ പരീക്ഷ  
EMC മീറ്റിംഗ് നിർവ്വഹണത്തിന്.

- 1) മുൻപോട്ടത്തിലെ തിരുമാനങ്ങൾ വിലയിരുത്തുക.
- 2) ക്യാമ്പിൻ നിലക്കുറച്ചുവെച്ച് തുടർച്ചയായിരിക്കാൻ പറ്റാത്ത, മറ്റു മൂലധന നഷ്ടപ്പെടുത്താൻ തിരുമാനിച്ചു.
- 3) ക്യാമ്പിലെ പലരും മറ്റുതൊഴിലാളികൾ തിരുമാനിച്ചു.
- 4) ക്യാമ്പിൻ നിഷ്പാദനം പലരും ശാസ്ത്രീയമായി പരിഷ്കരിച്ചുവെന്ന് നോക്കി കൈമാറ്റം തിരുമാനിച്ചു.

മോഡത്തിൽ പരമപ്പെടുന്നവർ

- 1) മലമ്പുറം ഭരണാധികാരി (owner) മ
- 2) മ. മ. ഭരണാധികാരി (mines manager) മ
- 3) മ. മ. ഭരണാധികാരി (mines manager) മ
- 4) മ. മ. ഭരണാധികാരി (mines manager) മ



2023 ഓഗസ്റ്റ് മാസ മാം തിരുക്കി ക്വാറി സെമിനാറിന് വെച്ച് ലഭിച്ച  
EMC മിമിക്സ് തിരു മാസങ്ങൾ.

- 1) മൃഗാലയം ഒരു മനോഹരമായ കെട്ടിടമാണ്.
- 2) മൃഗാലയത്തിലെ (Bambawala) പല മൃഗങ്ങളും കിരകിരം ചെയ്യുന്നു.
- 3) മൃഗാലയം പലതരം പക്ഷികളും വളർത്തു മൃഗങ്ങളും കിരകിരം ചെയ്യുന്നു.
- 4) മൃഗാലയത്തിലെ കിരകിരങ്ങൾ വിലയിരുത്തൽ കിരകിരം ചെയ്യുന്നു.
- 5) മൃഗാലയത്തിലെ പലതരം മൃഗങ്ങളും കിരകിരം ചെയ്യുന്നു.

ഭേദഗതിയിൽ ചുമടു നൽകാൻ

- 1) Zesamensetzungsbesitz (owner) AV
- 2) Konzernabsatzanteil K.K. (manager) Y ~~AV~~
- 3) M. - absatzanteil (minor manager) Teilhaber n.f.
- 4) Konzernabsatzanteil (minor mate) Teilhaber



**ANNEXURE 9**  
**SITE PHOTOS**





EC Board







Warning sign Board





Site pics



Approach Road