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# **HALF YEARLY COMPLIANCE REPORT**

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**FOR**

**APRIL 2023 - SEPTEMBER 2023**

**IN RESPECT OF**

**BUILDING STONE QUARRY**

Extent : 4.3049 Ha

&

Capacity : 59,510 Cu.m/ Annum

**OF**

**Mr. SHIJU THOMAS**

**AT**

**Survey No.: 294/1 pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt & 356/1-1 pt,**

**Block no-32**

**of**

**Alakodu Village, Thodupuzha Taluk,**

**Idukki District, Kerala State-685 588.**

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**DECEMBER- 2023**

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Website - <http://shijuthomas.in/CSR.html>



**1.About the project**

**Name of Project** :- Building stone Quarry of Mr. Shiju Thomas, Pallivathukkal House, Chilavu P.O.

**Brief description of the Project** :- The proposed rough stone quarry project is spread over an area of 4.3049 hectare, the proposed production is of 59510 m<sup>3</sup> per annum and the span of the quarry is 5 years. The quarry operation is proposed up to 109 meter above MSL and to carry out with semi mechanized opencast mining with 5.0 meter vertical benches with a back width of 5.0 meter. Quarry operation is to carry out by splitting of rock mass from the permit rock area by jackhammer drilling and blasting. Hydraulic excavators are to use for loading the stone from pit head and tippers will be used for transportation of stones. Hydraulic excavators are intended to be attached with rock breakers for breaking of large boulders to avoid secondary blasting.

<b>Category/sub category &amp; schedule</b>	B2 (Mining of mineral)
<b>Topography</b>	Hilly Terrain
<b>GPS Co-ordinates</b>	Latitude (N)- 09° 51' 40.90" N to 09° 51' 50.08" N  Latitude (E)- 76° 45' 40.88" E to 76° 45' 45.26" E
<b>Extent of area</b>	4.3049 Hectare
<b>Span of mine proposed</b>	5 years
<b>Depth of mining</b>	52m
<b>Distance from the adjacent quarry</b>	There are no adjacent quarries within 500 meters from the mine lease area.
<b>Capacity of production</b>	59510 m <sup>3</sup> /annum
<b>Details of Project cost</b>	56,20,000 (Rupees Fifty Six Lakhs Twenty Thousand Only)

**Water requirement & resources**:- Details of water requirements in KLD(Kilo litre per day) as given below:

<b>Domestic and drinking purpose</b>	2.0 KLD
<b>Dust suppression</b>	12.0"
<b>Green Belt</b>	3.0"
<b>Total</b>	<b>17.0 KLD</b>

Drinking water is sourced from the open well which will be purified in a small reverse osmosis plant.. For dust suppression and green belt, water is obtained from the open wells/storm water reservoir of proposed site.

Recycled water :- The storm water / mine water will be used for dust suppression and green belt developments.

Liquid effluent : Domestic effluent sent to septic tanks followed by soak pit.

**Land:-** Access of road to the site : The district road connecting Thodupuzha and Anakayam Via Enchiyani is at a distance of 0.5 km from to project site.

<p><b>Facility for solid waste management</b></p>	<p>The waste generated during the mining period is 16921m<sup>3</sup> will be proposed dumping to south side of the lease area and along the lease boundary</p>
<p><b>Topographic features</b></p>	<p>The area applied for quarry site is almost a hilly terrain with the highest elevation of 109 meter to a lowest elevation of 89 meter above MSL</p>
<p><b>proneness of the area for land slides</b></p>	<p>Semi mechanized open cast mining with benches will be carried out .ultimate slope of the mine will be maintained at 45 degree. Since the granite is hard rock formation ,land slides are not envisaged. The area falls in seismic zone-3 and is moderate damage risk zone.</p>

**Air:-**

<p><b>Air quality requirements</b></p>	<p>Air quality to meet requirements as per rules</p>
<p><b>Noise level meeting requirement</b></p>	<p>Noise level to be within limits as per rules</p>
<p><b>Likely emission affecting environment</b></p>	<p>Emission of dust, SO<sub>2</sub>, Nitrous Oxide during drilling ,blasting , loading and transport activities. Noises will be generated by the mining machineries.</p>

**Biodiversity:-**

<p><b>Presence of any endangered species or red listed category</b></p>	<p>None</p>
<p><b>Loss of native species and generic diversity</b></p>	<p>Not envisaged ,except small bushes, Arecanut , Rubber,Cocoa and other plants. No major vegetation cover/valuable flora is found within the mining area.</p>

**Social aspects:-**

Proximity to nearest habitation :Nearest house is at 104 meter away

**Corporate social responsibility**

SL.no	Description of item	Amount proposed(in rupees)
1	Distribution of books to Enchiyani Govt.L.P school students	250000
2	Repairing of Thodupuzha-Anakkayam road	250000
3	Sanitary facility for Enchiyani Govt.L.P school(toilets,drinking water facility)	300000
4	Organizing Health camps	200000
5	Total	10,00,000

**General**

<b>Does it propose environment management plan</b>	EMP is submitted along with form 1M
<b>Biomedical waste management</b>	There is no biological waste generation in the building stone quarry
<b>E-waste management</b>	There is no E-waste generation in the building stone quarry
<b>Sufficiency of parking spaces/ Traffic management</b>	Enough space is available
<b>Litigation/court case if any against the project</b>	Non as of now
<b>Details of authorized signatory</b>	Mr.Shiju Thomas,pallivathukkal(house) Chilavu p.o,Thodupuzha.Idukki (dist) Pin:685588; mobile no:9447522690
<b>Details NABL approved laboratory</b>	ABC techno labs India pvt ltd. No:950/3,3rd cross street ,sector 2,south face Ambattoor industrial estate,Chennai. Phone:044-26257788.certificate no.T.1586 DTD 08/10/15 valid up 07/10/2017

2. On submission of approved mining plan as per KMMC rule 2015,the proposal was placed in the first meeting of DEAC. Further to intimation of DEAC,the proponent along with the consultant attended the meeting. The DEAC decided to defer the item for field inspection and constituted a sub committee for the same. The sub committee inspected site on 25/01/2017 and put forward some conditions.

**3. The conditions are as follows.**

- The boundary pillars should be numbered and fixed in the lease area as per the approved mining plan
- Fencing with barbed wires should be provided all along the boundary of the lease area except the part needed for vehicular traffic.
- The boundary between the govt surplus land in survey no.356 on the south-eastern side of the lease area and the applied lease area must be clearly demarcated.
- There should not be any further quarrying in the already quarried pit as the depth of pit has already reached more than 20 meters at present. The quarried pit should be retained as a rain water storing site.
- There should not be any further quarrying in the buffer zone area on the eastern side of the lease area where already quarrying was carried out as per the earlier permits
- A greenbelt should be maintained all around the quarry by planting trees.
- The ultimate depth of the quarry must be limited to 20 meter, from ground level as per the mining plan.
- There should be some rain harvesting structure at the north-eastern valley part of the quarry lease area
- The water draining from the quarry to the out side area must be after clearing the sediments and impurities by passing through one or two settling tanks
- Dust suppression mechanisms using sprinklers must be established in the quarry.
- The approach road to the quarry must be tarred using metal.
- It is instructed to only remove topsoil up to a maximum depth of 2 meter while quarrying.

4. In the 2<sup>nd</sup> meeting of DEIAA held on 30/03/2017 ,the committee after studying the case in detail accepted the 13 conditions raised by the DEAC. The committee also decided to collect the mining history of the proponent and authorized member secretary to collect it from district geologist. As decided by the 1st meeting of DEIAA, the documents of lands called for been submitted by the proponent and mining history of the proponent have been submitted by Senior Geologist, Mining and Geology Idukki District as reference (5 ). As per reference(5) it is found out that there are no charges were against the proponent for activities like illegal mining, mining outside the area and violation of lease permit to collect it from district geologist. .The details of the ownership of the private land in which the project is proposed is as follows

Sy.no	Extent(hect )/T.p no	Name of owner	Document details/date	Prior document details 1	Prior document details 2	Old sy.no
294/1pt  356/1-1 pt	0.3150 T.P 32/589  0.0853 T.P 32/589	Shaji joseph cherthalackal Anchiry	557/14 DTD 12.02.14 561/14 DTD 12.04.14 876/15 DTD 26.03.15 1196/14 DTD 28.03.14 SRO KARIKODU	927/72 1255/61 sro karikodu 1664/62 sro Thodupuzha	1285/58 sro Thodupuzha	1026/1/7
294/2pt	1.4385 T.P 32/2046	John pathrose villanguparayil.Anchiri	2061/97 dtd 10.06.97 sro karikodu	3580/58 DTD 01.10.58 sro thodupuzha	922/52 sro Kanjirappally	1026/1

HALF YEARLY COMPLIANCE REPORT-DECEMBER-2023

**COMPLIANCE TO THE CONDITIONS STIPULATED IN THE ENVIRONMENTAL CLEARANCE ISSUED BY DISTRICT LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, IDUKKI**

**Vide**

**No. 1/2016/DEIAA/IDK/KER**

**Dated: 20/04/2017**

Building Stone Quarry Project in Survey Nos. 294/1 pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt & 356/1-1 pt, Block no-32 at Alakodu Village, Thodupuzha Taluk, Idukki, Kerala State - 685 588 over an extent of 4.3049 Ha by Mr. Shiju Thomas, Pallivathukal House, Chilavu P.O, Thodupuzha, Idukki District - 685 588

Sr. No.	Specific Conditions	Compliance Status
1.	Boundary pillars should be numbered and fixed in the lease area as per the approved mining plan.	Boundary pillars are fixed and numbered as per the approved mining plan.  The photographs showing the boundary pillars are attached as <b>Annexure 1.</b>
2.	Fencing with barbed wires should be provided all along the boundary of the lease area except the part needed for vehicular traffic.	Fencing with barbed wires all along the lease boundary is fixed.  The photographs showing the barbed wire fencing is attached as <b>Annexure 2</b>
3.	The boundary between the Government surplus land in Survey number 356 on the south eastern side of the lease area and applied lease area must be clearly demarcated.	The boundary between Government surplus land in Sy. No. 356 on the south eastern side of the lease area and applied lease area has been clearly demarcated with fencing. Photographs attached as <b>Annexure 3</b>
4.	There should not be any further quarrying in the already quarried pit as the depth of the pit has already reached more than 20 meters at present. The quarried pit should be retained as rain water storing site.	Noted. The already excavated pit shall be retained as rain water storing site.  Photograph attached as <b>Annexure 4</b>



5.	There should not be any further quarrying in the buffer zone area on the eastern side of the lease area where already carried out as per earlier permits.	Noted. There will be no further quarrying on the eastern side of the lease area.
6.	A greenbelt should be maintained all around the quarry by planting trees.	Greenbelt is being established all around the quarry. Photographs showing the nursery for saplings for greenbelt development is attached as <b>Annexure 5</b>
7.	The ultimate depth of the quarry must be limited to 20 meters, from the ground level as per the mining plan.	Noted and shall be followed as per the mining plan.
8.	There should be some rainwater harvesting structure at the north-eastern valley part of the quarry lease area.	Rainwater harvesting structure has been developed on the north-eastern valley part. Photographs attached as <b>Annexure 6</b>
9.	The water draining from the quarry to the outside area must be after clearing the sediments and impurities by passing through one or more settling tanks.	Settling tanks for clarification of water from the quarry area has been established as a part of rainwater harvesting plan.
10.	Dust suppression mechanisms using sprinklers must be established in the quarry.	Sprinklers shall be established at the quarry for dust suppression. At present dust suppression through water tankers are carried out. Photographs of the water tankers for dust suppression is attached as <b>Annexure 7</b>
11.	The approach road to the quarry must be tarred using metal.	The approach road to the quarry has been tarred using metal at some part and interlocking tile at the rest of area. The details are attached as <b>Annexure 8</b>
12.	It is instructed to only remove topsoil up to a maximum depth of 2m while quarrying.	Only 2m of topsoil shall be removed while quarrying. The same will be utilized for the greenbelt development.

Sr. No.	GENERAL CONDITIONS	Compliance Status
1.	Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified.	RWH facility as per the required guidelines shall be implemented at the site. Refer <b>Annexure 6</b>
2.	Environmental Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.	Environmental Monitoring Cell headed by Quarry Manager along with qualified Environmental Consultant is being engaged for effective implementation of the pollution control measures.
3.	Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, inclusive of approach road and internal roads.	Avenue trees along the side of the road and open parking areas will be developed as a part of Green Belt development. Already saplings have been planted. Refer: <b>Annexure 5</b>
4.	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Solar lamps is installed near the Office area. <b>Annexure 24</b>
5.	Sprinkles shall be installed and used in the project site to contain dust emissions.	Sprinklers shall be installed in the project site and also outside the project site to minimize the duct emission from the process and vehicles. At present Water tankers are used for dust suppression. Refer <b>Annexure 7</b>
6.	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	Eco-restoration plan as per the Post Mine Closure Plan Will be Implemented in the quarry as per the plan submitted.
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 dumping and overburden and planted with indigenous plant species that are eco-friendly, if no other specific condition on reclamation of pit is stipulated in the EC	Will be followed as per the guidelines.

8.	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.	CSR plan as agreed and other CSR activities are being taken up and shall be implemented. Receipts of CSR activities attached as <b>Annexure 9</b>
9.	The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of the mining. All the boundary indicators (boards, stores, markings, etc) shall be protected at all the times and shall be conspicuous.	Fencings all around the boundary of quarrying area shall be provided to avoid the incidence.  Refer: <b>Annexure 2</b>
10.	Warning alarms indicating the time of blasting (to be done specific timing) has to be arranged as per stipulations of Explosive Department.	As per the stipulations of Explosive Department the warning alarms by indicating the blasting time is provided. Photographs are attached as <b>Annexure 10</b>
11.	Control measures on noise and vibration prescribed by KSPCB should be implemented.	Prescribed control measures from KSPCB shall be followed.
12.	Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.	Quarrying activities are limited to only day time.
13.	Blasting should be done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency.	Blasting shall be done in controlled manner as specified by the regulations of Explosives Department or any other concerned agency.
14.	A licensed person should supervise/ control the blasting operation.	All activities are supervised by a licensed Blaster and Mines Manager. License attached as <b>Annexure 11</b>
15.	Access road to the quarry shall be tarred to contain dust emission that may arise during transportation of materials.	Access road to the quarry shall be tarred and maintained affectively. <b>Annexure-27</b>
16.	Overburden materials should be managed within the site and used for reclamation of the mine pit as per mine closure plan / specific conditions.	Noted and shall be followed.
17.	Height of the benches should not exceed 5m, and width should not be less than 5m, if there is no mention in the mining plan/ specific conditions.	Noted and is being followed.  Photograph attached as <b>Annexure 12</b>

18.	Mats to reduce fly rock blast to a minimum of 10 PPV should be provided	Mats to reduce fly rock blast shall be provided
19.	Maximum depth of the mining from general ground level at site shall not exceed 10 m.	Noted and will be followed.
20.	No mining activity shall be carried out at places having slope greater than 45°	Noted and shall be complied.
21.	Acoustic enclosures should have been provided to reduce sound amplification in addition to the provisions of green belt and hollow brick envelop for crushers to that the noise level is kept within prescribed standards given by CPCB/KSPCB.	Not applicable
22.	The workers on the site should be provided with the required protective equipment such as ear muffs, helmets, etc.	All workers are provided with required PPE's. Photographs attached as <b>Annexure 13</b>
23.	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Garland Drains is provided to channelize the storm water during the monsoon. ( <b>Annexure-8</b> )
24.	The transportation of minerals should be done in covered trucks to contain dust emissions.	Trucks used for transportation will be covered to reduce dust emissions.
25.	The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.	Greenbelt is developed as per the guidelines. ( <b>Annexure-5</b> )
26.	Disposal of spent oil from diesel engines should be as specified under relevant Rules / Regulations.	Spent oil for diesel engines shall be handed over to authorized recyclers.
27.	Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department.	Explosives are stored in magazines in earmarked area as specified by the authority. Photographs attached as <b>Annexure 14</b>
28.	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.	Complied.
29.	100 m buffer distance should be maintained from forest boundaries.	NA.

30.	Consent from KSPCB under Water and Air Act(s) should be obtained before initiating mining activity.	Required consent from KSPCB has been obtained. Attached as <b>Annexure 15</b>
31.	All other statutory clearance should have been obtained, as applicable, by project proponent from the respective competent authorities including that for blasting and storage of explosives.	All the statutory clearances /permissions are obtained which is applicable to the project.
32.	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 environmental parameters/impacts as assessed, based on which EC is issued, the project would require a fresh appraisal by this authority, for which the proponent shall apply and get approval of this Authority.	Will adhere as per the EIA Notification.
33.	The Authority reserves the right to add additional safeguards measures subsequently, if found necessary, and take actions including revoking of the Environment clearance under the provisions of the Environment (Protection) Act 1986, to ensure effective implementation of the suggested safeguards measures in a time bound and satisfactory manner.	Noted.
34.	The stipulations by Statutory Authorities under different Acts and notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act 1981, the Environment (protection) Act 1986, the Public liability (Insurance) Act 1991 and EIA Notification, 2006.	Stipulated conditions shall be implemented.  Air and Water Analysis reports are enclosed as <b>Annexure No 16 &amp; 17.</b>

35.	The Project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at <a href="http://www.seiaakerala.org">www.seiaakerala.org</a> . The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the office of this Authority as confirmation.	Advertised in the newspaper.
36.	A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat/ District Panchayat/Municipality/Corporation/Urban local body and also to the Local NGO, if any, from whom suggestions / representations, if any, are received while processing the proposal. The Clearance letter shall also be put on the website of the company by the proponent.	Copy of the EC letter is submitted to Grama Panchayat and acknowledgment is submitted SEIAA, Kerala.
37.	The Proponent shall submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data ( <b>both in hard copies as well as by e-mail</b> ) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional office of MoEF, Govt. of India and also to the SEIAA Office.	Half yearly compliance report is submitted regularly to the Concerned Department as specified. (Details attached as Annexure-23)
38.	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 public	Details of Environmental Clearance are displayed.  Photographs attached as <b>Annexure 18</b>
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.	Affidavit to follow the conditions stipulated in EC has been provided.

40.	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.	Noted and shall be followed.
41.	The project proponent shall ensure that no natural water course and/ or water resources shall be obstructed due to any mining operation. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.	Noted and shall be followed.
42.	Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the CPCB. Water sprinkling should be increased at places loading and unloading points &	Regular monitoring of Ambient Air Quality shall be carried out as per the Notification and water sprinkling shall be done to reduce

	transfer point to reduce fugitive emission.	dust emissions.
43.	The top soil, if any, shall be temporarily be stored in 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 runoff. 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 vegetation becomes self-sustaining.	Noted and shall be strictly followed as per the guidelines.
44.	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent runoff of water and flow of sediments directly into the rivers and other water bodies. The water so collected should be utilized for watering the mine area, roads, greenbelt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.	Siltation ponds and drainage is constructed as per the specification and the photos of same is attached as Annexure 6
45.	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having 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 CPCB.	Necessary actions to curb air pollution will be taken at the project site and shall ensure that the Ambient Air Quality parameters conform to the norms prescribed by the CPCB.
46.	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading points and transfer points should be provided and properly maintained.	Noted and shall be followed.
47.	Measures should be taken for control of noise levels below 85 dBA in the work environment.	Noted and will be followed. Noise level monitoring report is attached as <b>Annexure 19</b>



48.	A separate environmental management cell with suitable qualified personnel should be set up under the control of Senior Executive, who will report directly to the Head of the Organization.	Environmental Monitoring Cell headed by Quarry Manager along with qualified Environmental Consultant / Engineers is being engaged for effective implementation of the
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		pollution control measures.
49.	The funds earmarked for environmental protection measures and CSR activities should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the SEIAA office.	CSR activities as agreed is being taken up. Refer <b>Annexure 9</b>
50.	The Regional Office of MoEF&CC located in 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	<b>The CCR from MoEF&amp;CC after the site inspection is attached as Annexure 27</b>
51.	Any appeal against this Environmental Clearance shall lie with the national Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National green Tribunal Act, 2010.	Noted.
52.	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.	Noted.
53.	The SEIAA may revoke or suspend the order, for non-implication of any of the specific or this implementation of any of the above conditions or stipulate any further condition in the interest of	Noted.
54.	The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license or consent given by any other authority for the same project.	Noted.
55.	This order is valid for a period of 5 years or the expiry date of mine lease period issue by the Government of Kerala, whichever is earlier.	Noted.

56.	The Environmental Clearance will be subject to the final order of the courts in any pending litigation related to the land or the project, in any court of law.	Noted.
57.	The mining operations shall be restricted to above ground water table and it should not intersect the ground water table.	Noted and will be strictly adhered.
58.	All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution testing centre. Washing of all vehicles shall be	All Vehicles used within the quarry areas are having PUC certificate.

	inside of the lease area.	
59.	Project proponent shall obtain necessary prior permission of the competent authorities for drawal of requisite quantity of surface water and ground water for the project.	Noted and shall be followed.
60.	Regular monitoring of flow rates and water quality ups tream and downs tream 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.	Noted and is being followed.
61.	Occupational health surveillance program of the workers should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed.	Regular health checkups for the workers shall be done.

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# Half yearly Compliance Report

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## Photographs of Boundary Pillars

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*ANNEXUE 1*

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PHOTOGRAPHS OF BOUNDARY PILLARS

ANNEXURE 1





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# Half yearly Compliance Report

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## Photographs of Fencing

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### *ANNEXURE 2*

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## ANNEXURE 2



**PHOTOGRAPHS SHOWING THE FENCING AROUND THE QUARRY**

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# Half yearly Compliance Report

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## Photographs of Govt. Land Demarcation & Fencing

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### *ANNEXURE 3*

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# Half yearly Compliance Report

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Photograph of Excavated Pit as  
**RAIN WATER STORAGE PIT**

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*ANNEXURE 4*

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**Excavated pit retained as rainwater storage pond**



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# Half yearly Compliance Report

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## Photographs of Greenbelt Development

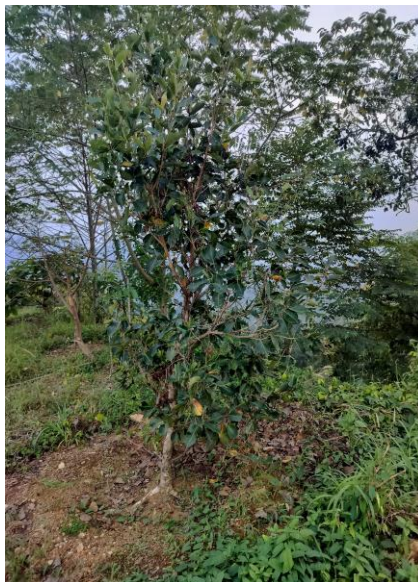
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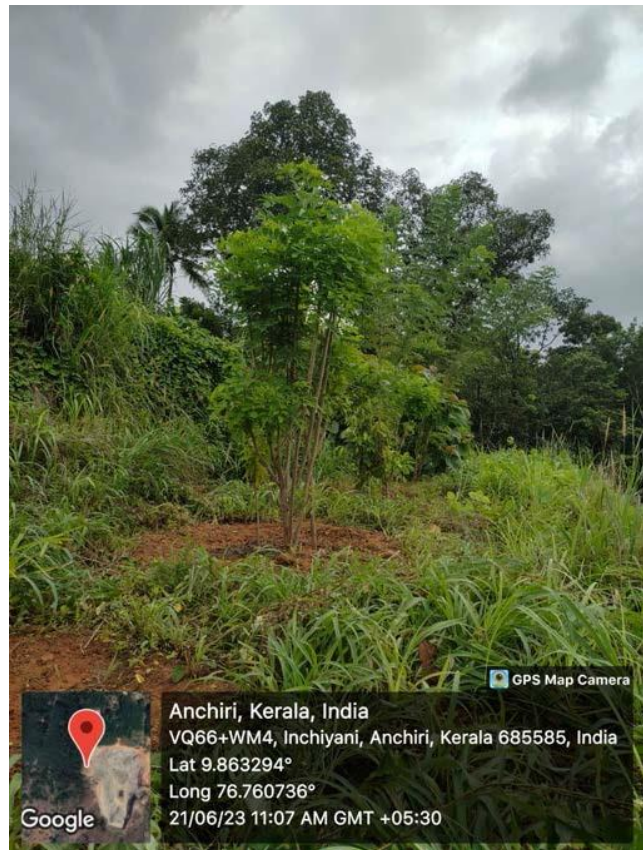
### *ANNEXURE 5*

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## ANNEXURE 5

### PHOTOGRAPHS SHOWING GREENBELT DEVELOPMENT





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# Half yearly Compliance Report

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## Photograph of Rainwater Harvesting Structure

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### *ANNEXURE 6*

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**PHOTOGRAPHS OF RAIN WATER HARVESTING STRUCTURE**



**PHOTOGRAPHS SHOWING OLD RAINWATER HARVESTING STRUCTURES**



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# Half yearly Compliance Report

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## Photograph of Dust Suppression

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*ANNEXURE 7*

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# ANNEXURE 7

## PHOTOGRAPHS SHOWING THE WATER TANKER USED FOR SPRINKLING WATER FOR DUST SUPPRESSION ON HAUL ROADS



PHOTOGRAPHS OF WATER SPRINKLERS INSTALLED AT QUARRY SITE  
FOR DUST SUPPRESSION



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# Half yearly Compliance Report

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## *PHOTOS OF NEWLY CONSTRUCTED GARLAND DRAINS*

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### *ANNEXURE 8*

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# ANNEXURE 8



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# Half yearly Compliance Report

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## CSR Receipts

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### *ANNEXURE 9*

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FUNDING FOR HELPING THE ECONOMICALLY BACKWARD PEOPLE  
NEAR TO QUARRY AREA  
(FUNDING FOR : STUDY MATERIALS)

# മുസ്ലിം യൂത്ത് ലീഗ് തൊടുപുഴ നിയോജകണ്ഡലം കമ്മിറ്റി

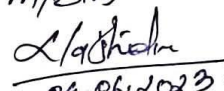
പ്രസിഡന്റ്  
കെ.എം. നിഷാദ്  
9656444725

ജനറൽ സെക്രട്ടറി  
പി.ബി. ഷൈഖ്  
9645389693

റഷൻ  
കെബിൾ പന്തളിക്കൽ  
7308073475

തീയതി 04-06-2023

മുസ്ലിം യൂത്ത് ലീഗ് തൊടുപുഴ നിയോജകണ്ഡലം കമ്മിറ്റി ചുമതലപ്പെടുത്തിയ പാവപ്പെട്ട മുദ്രകൾ  
കൊടുക്കുന്ന സൗജന്യ പഠനോപകരണ വിനോദസാധനങ്ങൾ മുദ്രകൾ ഉണ്ടാക്കുവാൻ  
ഈ ഉദ്ദേശ്യത്തിനും പണം മുദ്രകൾ കഴിയുന്ന പാതയും 10 കിടപ്പും 20 മുദ്രകൾ  
മുദ്രകൾ ഉണ്ടാക്കുന്നതിനും പണം മുദ്രകൾ കഴിയുന്ന പഠനോപകരണ സാധനങ്ങൾ കൈമാറ്റം  
10200/- രൂപ അനുവദിക്കാൻ അപേക്ഷിക്കുന്നു

എന്ന് വിശ്വസ്തത ലഭിക്കട്ടെ  
കെ.എം. നിഷാദ്  
  
04.06.2023

H & C Stores  
 City Tower, Kanjiramattam Bypass Rd.  
 Thodupuzha - 685584  
 Ph : 0486 2220801  
 Email : handcstoresthodupuzhahandc@gmail  
 GSTIN : 32AAHFH0275M1ZD

**TAX INVOICE**

Invoice No : TA-23-CSB-1711  
 Date : 29/May/2023(18:17) T#1  
 Cashier : RH

Code	HSN	Description	Value
GST	Qty	Rate	Disc%
ST 0026777	482010	Sunshine Crown Noteboo	900.00
12%	20	INR 45.00	0.00%
Tot: 20			900.00
Grand Total :			900.00

CASH 900.00

**GST Summary**

GST	Taxable	CGST	SGST	IGST
12%	803.57	48.21	48.21	0.00
Tot:	803.57	48.21	48.21	0.00

Thank You  
 \*\*\*\*\*  
 Software by Logic Soft  
 www.logicsoft.co.in

**CUBE**  
 KANJIRAMATTOM BYPASS ROAD, THODUPU

GSTIN:32AAHFC0351M1ZL Ph:04862 227577  
 INVOICE - CASH  
 Bill No:88520 Date: 29/05/2023  
 To, CASH SALES

#	Particulars	GST% HSN	Qty	Rate	Discount	Net Amt
1	CO A08950 SC BAG	18.00 4202	1	895.00		895.00
2	CO A06900 SC BAG	18.00 4202	6	696.00		4166.00
3	CO A06500 SC BAG	18.00 4202	3	650.00		1950.00
4	RABBIT UMBERIA COL	18.00	10	290.00		2900.00
<b>MRP Total: 9885.00</b>						

Total Qty : 20

Tax %	Amount	CGST	SGST	IGST
18.00	8377.12	9	753.94	9
		Net Amt: 9885.00		

Rupees Nine Thousand Eight Hundred and Eighty Five Only  
 END  
 Please check the Items before leaving the Counter  
 THANK YOU VISIT AGAIN.

KAPIL K



FUNDING FOR HELPING THE ECONOMICALLY BACKWARD PEOPLE NEAR TO QUARRY AREA (FUNDING FOR :HOUSE MAINTENANCE & HOSPITAL EXPENSES )

03/05/2023

പേര് ശ്യാമ് ദേവന്ദ്യ വിട്ടുപേര് പപ്പാരിക  
 സ്ഥലം അച്ചിരി വിട്ടുനമ്പർ 140 ൽ താമസിക്കുന്ന ഞാൻ പാഠമയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും വീടിന്റെ പണിക്കായി പതിനഞ്ചുപതിനാലു  
 .....രൂപ കൈപ്പറ്റിയിരിക്കുന്നു. ടി മെറ്റീരിയലിന്റെ വില 15000 രൂപയാണ്.

എന്ന്,

പേര് ശ്യാമ് ദേവന്ദ്യ  
 ഒപ്പ് [Signature]

wood - 1x

08/6/23

പേര് ബസ്മി കെ. കെ വിട്ടുപേര് കുലുമാ തോട്ടത്തിരി  
 സ്ഥലം ആൽമി വിട്ടുനമ്പർ 191 ൽ താമസിക്കുന്ന ഞാൻ പാഠമയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ ഭർത്താവിന്റെ/അമ്മയുടെ/മകന്റെ/മകളുടെ ചികിത്സയ്ക്കായി 2000 /-  
 .....രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

എന്ന്,

പേര് Benny K.J  
 ഒപ്പ് [Signature]

തീയതി: 09/12/23

പേര് Azmal വിട്ടുപേര് malayil  
 സ്ഥലം Panampattanam വിട്ടുനമ്പർ 485 ൽ താമസിക്കുന്ന ഞാൻ പാഠമയുടെ ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/DMG E-C നമ്പർ 1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ അച്ഛന്റെ/അമ്മയുടെ/ഭർത്താവിന്റെ/അമ്മയുടെ/മകന്റെ/മകളുടെ ചികിത്സയ്ക്കായി 25000/-  
 .....രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.

എന്ന്,

പേര് moithheer  
 ഫോൺ 8921454948  
 ഒപ്പ് [Signature]

FUNDING FOR HELPING THE ECONOMICALLY BACKWARD PEOPLE NEAR TO QUARRY AREA  
(FUNDING FOR HOUSE MAINTENANCE, EDUCATION & HOSPITAL EXPENSES)

തീയതി.....  
പേര് Mathew Joseph.....വീട്ടുപേര് Puthanpuzha  
സ്ഥലം Ancheri.....വീട്ടുനമ്പർ 144.....ൽ താമസിക്കുന്ന ഞാൻ പാഠമടയുടെ  
ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/DMGE-C നമ്പർ  
1/2016/DEIAA/IDK/KERALA) നിന്നും എന്റെ അടുക്കള/അമ്മയുടെ/ഭർത്താവിന്റെ/ഭാര്യയുടെ/  
കുഞ്ഞിന്റെ/കുട്ടിയുടെ ചികിത്സയ്ക്കായി 2000/-.....രൂപ കൈപ്പറ്റിയിരിക്കുന്നു.  
എന്ന്,  
പേര് Mathew Joseph  
ഫോൺ 9562847611  
ഒപ്പ് Mathew

തീയതി.....  
പേര് Joy.....വീട്ടുപേര് Thaiparankal  
സ്ഥലം Ancheri.....വീട്ടുനമ്പർ.....ൽ താമസിക്കുന്ന ഞാൻ പാഠമടയുടെ  
ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/DMGE-C നമ്പർ  
1/2016/DEIAA/IDK/KERALA) നിന്നും വീടിന്റെ പണിക്കായി മുറ്റം, സിരാട്, മിടൽ  
ചാതിൽ  
20000/-.....രൂപയാണ്  
എന്ന്,  
പേര് Joy  
ഫോൺ 9562217730  
ഒപ്പ് Jk

തീയതി.....  
പേര് Viji Joman.....വീട്ടുപേര് Kunnil  
സ്ഥലം Ancheri.....വീട്ടുനമ്പർ.....ൽ താമസിക്കുന്ന ഞാൻ പാഠമടയുടെ  
ഉടമസ്ഥനായ ഷിജു തോമസ് പക്കൽ ലീസ് നമ്പർ (55/17-18/6319/M3/2016/DMGE-C നമ്പർ  
1/2016/DEIAA/IDK/KERALA) നിന്നും മകന്റെ പഠനനീമാലി  
ആയിരം  
രൂപ.....എന്നിവ കൈപ്പറ്റിയിരിക്കുന്നു. ടി മെറ്റീരിയലിന്റെ വില  
.....രൂപയാണ്  
എന്ന്,  
പേര് Viji Joman  
ഫോൺ 9847701372  
ഒപ്പ് Viji

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# Half yearly Compliance Report

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## Photographs showing Blasting Time displayed

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*ANNEXURE 10*

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ANNEXURE 10



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# Half yearly Compliance Report

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## Certificate of Mines Manager

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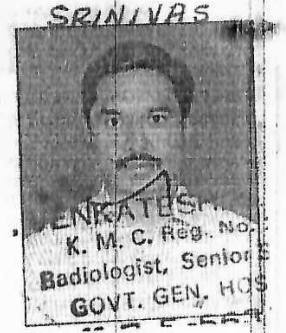
*ANNEXURE 11*

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Cert No. SMR / 5378



सत्यमेव जयते



भारत सरकार/Government of India  
खान अधिनियम, 1952/Mines Act, 1952  
खनन परीक्षा बोर्ड/Board of Mining Examinations  
द्वितीय श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र  
**SECOND CLASS MANAGER'S CERTIFICATE OF COMPETENCY**  
(केवल ओपनकास्ट खानों तक सामित)  
(Restricted to mines having opencast workings only)  
(धात्विकीय खान विनियम, 1961 के अन्तर्गत)  
(Under the Metalliferous Mines Regulations, 1961)

श्री श्रीनिवास सुपुत्र माचन  
जिनकी जन्म तिथि 09.02.1980 है, को विहित अर्हताएं एवं अनुभव प्राप्त करने का सन्तोषजनक प्रमाण प्रस्तुत करने एवं अक्टूबर, 2012 में आयोजित विहित परीक्षा में उत्तीर्ण होने पर एतद्वारा केवल ओपनकास्ट धात्विकीय खानों के प्रबंध हेतु द्वितीय श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र प्रदान किया जाता है। यह प्रमाण-पत्र दिनांक 05.04.2013 से प्रभावी है।

Shri *Srinivas* son of *Maayan*  
born on *09th February, 1980* having given satisfactory evidence of possessing the prescribed qualifications and experience and having passed the prescribed examination held in *October, 2012* is hereby granted SECOND CLASS MANAGER'S CERTIFICATE OF COMPETENCY to manage the metalliferous mines having opencast workings only. This certificate is effective from. *05.04.2013*

*S. K. S. M.*  
सचिव

खनन परीक्षा बोर्ड  
Secretary  
Board of Mining  
Examinations

*[Signature]*  
अध्यक्ष

खनन परीक्षा बोर्ड  
Chairman  
Board of Mining  
Examinations

Signed and Sealed  
Date 06.05.2014

*Srinivas*  
26/12/23  
(SRINIVAS)

**SMR**

To

Home Address

Village *Swamyrodrapuram*  
 PO *Corgaumpet*  
 Police Station *Robertsonpet*  
 District *Kolar*  
 State *Karnataka*

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

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

- |   |          |    |          |
|---|----------|----|----------|
| 1 | _____ को | 2  | _____ को |
|   | On       |    | On       |
| 3 | _____ को | 4  | _____ को |
|   | On       |    | On       |
| 5 | _____ को | 6  | _____ को |
|   | On       |    | On       |
| 7 | _____ को | 8  | _____ को |
|   | On       |    | On       |
| 9 | _____ को | 10 | _____ को |
|   | On       |    | On       |

*Sriniv*  
 26/12/23  
 (SRINIVAS)

Prepared by *Aswini*

Checked by *Aswini*

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# Half yearly Compliance Report

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## Photograph showing Bench Formation

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*ANNEXURE 12*

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## ANNEXURE 12



**PHOTOGRAPHS SHOWING FORMATION OF BENCHES**

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# Half yearly Compliance Report

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Photograph showing  
workers with PPE's

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*ANNEXURE 13*

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**ANNEXURE 13**

**Photograph showing the workers wearing PPE's**



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# Half yearly Compliance Report

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## Photograph showing Explosive Magazine

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*ANNEXURE 14*

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## ANNEXURE 14



**PHOTOGRAPH SHOWING THE EXPLOSIVE MAGAZINES**

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# Half yearly Compliance Report

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## Consent from KSPCB

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*ANNEXURE 15*

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**KERALA STATE POLLUTION CONTROL BOARD**

FILE NO. :PCB/IDK/ICO/85/2017

Date of issue :10/03/2023

**INTEGRATED CONSENT TO OPERATE - RENEWAL**

**Consent No : R16IDU-ICO-R2-2704110**

**Ref : Consent No : R16IDU-ICO-R1-2704110 valid upto 19/04/2023**

The 'Integrated Consent to Operate' issued as per reference above to M/s QUARRY OF SHIJU THOMAS, CHILAVU P. O , CHILAVU, THODUPUZHA.PIN:685588 is hereby renewed up to 19/04/2028 and issued to M/s QUARRY OF SHIJU THOMAS, CHILAVU P. O , CHILAVU, THODUPUZHA.PIN:685588 The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

**I. GENERAL**

S.No.	Items	Description
1	CAPITAL INVESTMENT	43 Lakhs
2	CATEGORY	RED
3	VALIDITY	19/04/2028
4	ANNUAL FEE	Rs.9600/-
5	FEE REMITTED	Rs 48000/-

**II. Stack Details**

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

**III. CONDITIONS**

3.1 For renewal of the consent in case of continuance of discharge/operation of the unit, application in the prescribed form shall be submitted through the web portal of the Board for Online Consent Management & Monitoring System 2 months prior to the date of expiry.

3.2 This consent is granted on the basis of the affidavit and other documents furnished by the applicant. If the statement furnished in the affidavit/document is found false or in the case of non-compliance of integrated consent to operate conditions the consent issued will be withdrawn/cancelled.

3.3 Annual environmental statement shall be submitted on or before 31st March every year

3.4 This consent is issued based on the Judgement dated 25/10/2021 of the Hon'ble Supreme Court in CA No:6273/2021 and connected matters, Order dated 14/12/2021 of Hon'ble Supreme Court in MA.No:1904/2021, Judgement dated 10/11/2021 of Hon'ble High Court of Kerala in WP© 2773/2021 and Judgement dated 10/12/2021 of Hon'ble High Court of Kerala in WP© 27178/2021.

3.5 This consent is issued subject to any order that may be passed by the Hon'ble Supreme Court or the Hon'ble NGT in the connected matters.

All other conditions of the Integrated Consent to Operate issued as per reference above remain unchanged.

DATE :10/03/2023

EBY

VARGHESE

SIGNATURE & SEAL OF ISSUING AUTHORITY

ENVIRONMENTAL ENGINEER DO IDUKKI

Digitally signed by EBY  
VARGHESE

Date: 2023.03.10 16:57:47  
+05'30'



**To**

Sri. Shiju Thomas  
Pallivathukkal (H)  
Chilavu P O  
Chilavu  
Pin:685588  
Quarry of Shiju Thomas  
Chilavu P O,Chilavu.  
Thodupuzha  
PIN:685588

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



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# Half yearly Compliance Report

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## Air Quality Monitoring Reports

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*ANNEXURE 16*

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# POLUCHEM LABORATORIES PVT LTD

**CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY**

PALLATH BUILDING, NORTH KALAMASSERY, ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085. [www.poluchem.com](http://www.poluchem.com), [poluchem@gmail.com](mailto:poluchem@gmail.com)

**ACCREDITED BY KSPCB AS "A" GRADE LABORATORY**

**TEST REPORT**


Page 01 of 01

Client Name & Address	Certificate No:	PL/AMB/RT/10845/2023
Mr. Shiju Thomas Pallivathukkal House Chilavu Post Thodupuzha	Date of issue:	09/10/2023
	Date of monitoring	29/09/2023
	Date of sample received:	30/09/2023
	Date of analysis	30/09/2023
	Monitoring Location	Quarry Owned by Mr. Shiju Thomas Survey No: 294/1 pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt, 3546/1-1 pt Village: Alakode Taluk: Thodupuzha District: Idukki, Kerala
	Sample description	Ambient air -East Side
	Sample code given by client	Nil

SL NO	PARAMETERS	TEST METHOD	RESULTS	Limit as per NAAQS
01	Particulate Matter (PM <sub>10</sub> )	IS 5182 Part 23 2006 RA 2012	53.5 µg/m <sup>3</sup>	100 µg/m <sup>3</sup>
02	Particulate Matter (PM <sub>2.5</sub> )	CPCB	24.4 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>
03	Sulphur dioxide	IS 5182 Part 2 2001 RA 2017	2.4 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>
04	Nitrogen dioxide	IS 5182 Part 06 2006 RA2017	3.5 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>

Note: NAAQS-National Ambient Air Quality Standards

\* End of the Report\*

<p>The results are related only to the sample collected for analysis. This certificate shall not be reproduced except in full and without the written permission with authorized signatory</p>	<p>For and on behalf of POLUCHEM LABORATORIES (P) LTD.</p>  <p>AUTHORIZED SIGNATORY</p>
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**SREEJA RAMESH**  
QUALITY MANAGER  
POLUCHEM LABORATORIES PVT. LTD

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# Half yearly Compliance Report

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## Water Quality Analysis Reports

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*ANNEXURE 17*

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**POLUCHEM LABORATORIES PVT LTD**  
**CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY**  
 PALLATH BUILDING, NORTH KALAMASSERY, ERNAKULAM - 683104  
 Phone : 0484-2544030, 8281982322, 9747400085. [www.poluchem.com](http://www.poluchem.com), [poluchem@gmail.com](mailto:poluchem@gmail.com)

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TEST REPORT

Page 01 of 01

Ref.No. PL/RT/OW/10846/2023  
 Name & address of customer  
 Project Site

Date of Issue: 09/10/2023

: Mr. Shiju Thomas  
 : Quarry Owned by Mr. Shiju Thomas  
 Survey No: 294/1 pt, 294/2 pt, 295/5,  
 295/6 pt, 296/2 pt, 3546/1-1 pt  
 Village: Alakode  
 Taluk: Thodupuzha  
 District: Idukki, Kerala

Sample drawn by : PoluChem Laboratory Sample Collector  
 Sample description : Ground Water  
 Location of sampling : Openwell Water-Outside-North Side  
 Date of sample collected : 29/09/2023  
 Date of analysis started : 30/09/2023  
 Date of completion of analysis : 06/10/2023

Parameters tested	Test method	Results	Acceptable Limit As Per IS 10500-2012
Color	IS 3025 (P) 04 – 1983 RA2017	6 Hazen Unit	5 Hazen Unit
Odour	IS 3025 (P) 05 – 1983 RA2017	Agreeable	Agreeable
Turbidity	IS 3025 (P) 10 – 1984 RA2017	2.7 NTU	1 NTU
pH	IS 3025 (P) 11 – 1983 RA 2017	6.87	6.5 – 8.5
Total Dissolved Solids	IS 3025 (P) 16 – 1984 RA2017	128 mg/l	500 mg/l
Total Hardness as CaCO <sub>3</sub>	IS 3025 (P) 21 – 1983 RA2014	32.4 mg/l	200 mg/l
Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (P) 23 – 1986 RA2014	18.6 mg/l	200 mg/l
Residual Chlorine	IS 3025 (P) 26 – 1986 RA2014	BDL	0.2 mg/l
Chloride as Cl <sup>-</sup>	IS 3025 (P) 32 – 1988 RA2014	24.1 mg/l	250 mg/l
Calcium as Ca	IS 3025 (P) 40 – 1991 RA2014	5.41 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 – 1994 RA2014	3.64 mg/l	30 mg/l
Total Iron as Fe	IS 3025 (P) 53 – 2003 RA2014	0.34 mg/l	1 mg/l
Sulphate as SO <sub>4</sub>	IS 3025 (P) 24 – 1986 RA2009	16.5 mg/l	200 mg/l
Fluoride as F	IS 3025 (P) 60 -2008 RA 2013	BDL	1.0 mg/l
Zinc as Zn	IS 3025 (P)49 – 1994 RA2014	BDL	5 mg/l
Manganese as Mn	IS 3025(P) 59–2006 RA2017	BDL	0.1 mg/l
Cadmium as Cd	IS 3025(P) 41– 1992 RA2014	BDL	0.003 mg/l
Lead as Pb	IS 3025(P) 47– 1994 RA2014	BDL	0.01 mg/l
Coliforms(MPN/100ml)	IS 1622: 1981 RA 2009	110	Absent
Ecoli (Present or Absent/100ml)	IS 1622: 1981 RA 2009	Absent	Absent

Note : BDL – Below Detection Level

For PoluChem Laboratories (P) Ltd.

Authorized signatory

\* End of the report\*

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

**SREEJA RAMESH**  
 QUALITY MANAGER  
 POLUCHEM LABORATORIES PVT. LTD

ANALYSIS OF AMBIENT AIR, STACK EMISSION, SOUND, LIGHT, WATER, EFFLUENT, SOIL, SPICES, FOOD, TEA, OIL, FERTILISERS, BASIC CHEMICALS, PESTICIDE RESIDUES, HEAVY METALS, COAL AND MICROBIOLOGY

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# Half yearly Compliance Report

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## Photographs showing EC Details displayed

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*ANNEXURE 18*

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# Half yearly Compliance Report

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## Noise Level Monitoring Reports

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*ANNEXURE 19*

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# POLUCHEM LABORATORIES PVT LTD

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TEST REPORT

Page 01 of 01

<b>Client Name &amp; Address</b>		<b>Certificate No:</b>	<b>PL/RT/SD/10844/2023</b>				
Mr. Shiju Thomas Pallivathukkal House Chilavu Post Thodupuzha		Date of issue:	09/10/2023				
		Date of monitoring	29/05/2023				
		Monitoring Location	Quarry Owned by Mr. Shiju Thomas Survey No: 294/1 pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt, 3546/1-1 pt Village: Alakode Taluk: Thodupuzha District: Idukki, Kerala				
		Sample Description	Ambient Sound Level				
<b>HOURLY INTERVAL</b>	<b>RESULT</b>	<b>HOURLY INTERVAL</b>	<b>RESULT</b>				
06.00 Hrs	42.3 dB (A)	23.00 Hrs	38.7 dB (A)				
07.00 Hrs	47.5 dB (A)	00.00 Hrs	38.9 dB (A)				
08.00 Hrs	50.1 dB (A)	01.00 Hrs	37.4 dB (A)				
09.00 Hrs	52.3 dB (A)	02.00 Hrs	35.4 dB (A)				
10.00 Hrs	48.6 dB (A)	03.00 Hrs	39.8 dB (A)				
11.00 Hrs	50.3 dB (A)	04.00 Hrs	38.5 dB (A)				
12.00 Hrs	49.2 dB (A)	05.00 Hrs	40.2 dB (A)				
13.00 Hrs	50.2 dB (A)						
14.00 Hrs	48.9 dB (A)						
15.00 Hrs	48.6 dB (A)						
16.00 Hrs	47.5 dB (A)						
17.00 Hrs	46.5 dB (A)						
18.00 Hrs	48.7 dB (A)						
19.00 Hrs	46.3 dB (A)						
20.00 Hrs	43.6 dB (A)						
21.00 Hrs	39.8 dB (A)				LDay	49.8 dB (A)	
22.00 Hrs	37.4 dB (A)				LNight	36.5 dB (A)	

Limits: Industrial Area Day Time-75dB(A),Night Time- 70dB(A),Commercial area Day Time -65 dB(A),Night Time 55dB(A), Residential area Day Time -55 dB(A),Night Time -45dB(A),Silence zone day time-50dB(A),Night time-40dB(A)  
Day Time from 06.00 am to 10.00 pm & Night Time from 10.00 pm to 06.00 am

\*End of the Report \*

For PoluChem Laboratories (P) Ltd.

Authorized Signatory

**SREEJA RAMESH**  
QUALITY MANAGER  
POLUCHEM LABORATORIES PVT. LTD

ANALYSIS OF AMBIENT AIR, STACK EMISSION, SOUND, LIGHT, WATER, EFFLUENT, SOIL, SPICES, FOOD, TEA, OIL, FERTILISERS, BASIC CHEMICALS, PESTICIDE RESIDUES, HEAVY METALS, COAL AND MICROBIOLOGY



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# Half yearly Compliance Report

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## Panchayath License

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### *ANNEXURE 20*

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

നമ്പർ : 400554/RPTL20/GPO/2023/87

തീയതി : 01.04.2023

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	ഷിജ തോമസ്, പള്ളിവാതുക്കൽ, ചിലവ് പി.ഒ	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	മരിയ ഗ്രാനൈറ്റ്സ്, ഇഞ്ചിയാനി	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	പാറ പൊട്ടിച്ച് വിൽപന നടത്തുന്നതിന്	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	IX, ആലക്കോട് വില്ലേജ്, സരോവ നമ്പർ - 294/1, 294/2, 295/5, 295/6, 296/2, 356/1-1	
ലൈസൻസ് കാലയളവ്	01-04-2023 മുതൽ 31-03-2024 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	15000 /- രൂപ	രസീത് നം: 1220300175 തീയതി: 24-03-2023
തൊഴിൽക്കരം	2500 /- രൂപ	രസീത് നം: 1220300175 തീയതി: 24-03-2023
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷേപപത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസഹാനം)	കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡിന്റെ 19/04/2028 വരെ കാലാവധിയുള്ള PCB/IDK/ICO/85/2017 നമ്പർ സർട്ടിഫിക്കറ്റ്. മൈനിംഗ് & ജിയോളജി വകുപ്പിൽ നിന്നുമുള്ള 12/01/2023 തീയതിയിലെ 09/05/2029 വരെ കാലാവധിയുള്ള ലീസ് എഗ്രിമെന്റ്. ഇടുക്കി ജില്ലാ പാരിസ്ഥിതിക ആഘാത നിർണ്ണയ അതോറിറ്റിയിൽ നിന്നുമുള്ള സാക്ഷ്യപത്രം. കേന്ദ്ര ഹൈദ്രോളിജി & എക്സ്പ്ലോസീവ് വകുപ്പിൽ നിന്നുമുള്ള 14/01/2023 നമ്പർ 14/01/2028 വരെ കാലാവധിയുള്ള A/E/SE/KL/22/675(E144808) നമ്പർ സർട്ടിഫിക്കറ്റ്. ചുറ്റുമുഖം സർട്ടിഫിക്കറ്റ് വാട്ടർവെൻ്റ് ഉടമസ്ഥത സംബന്ധിച്ച രേഖകൾ	

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 <renukaadeviammal@gmail.com>  
 Digitally signed by RENUKADEVIAMMAL S  
 Date: 2023.04.01 11:28 IST  
 Reason: ILGMS Govt of Kerala

സെക്രട്ടറി  
 ആലക്കോട് ഗ്രാമപഞ്ചായത്ത്

**ലൈസൻസി താഴെപ്പറയുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു.**

1. കേരള പഞ്ചായത്ത് രാജ് ആക്ടും അതേത്തുടർന്നുള്ള ചട്ടങ്ങളും ബൈലോകളും അനുസരിച്ചു പ്രവർത്തിക്കേണ്ടതാകുന്നു.
2. തൊഴിൽസൗകര്യം അതിലുള്ള സാധനസാമഗ്രികളും പഞ്ചായത്ത് അധികാരികൾക്കോ / സെക്രട്ടറി അധികാരപ്പെടുത്തുന്ന മറ്റ് ഉദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസൻസി ദേഹങ്ങളുടെ സൗകര്യങ്ങൾ നൽകേണ്ടതും അവർ ആവശ്യപ്പെട്ടാൽ ഈ ലൈസൻസി കാണിക്കേണ്ടതുമാകുന്നു.
3. ഏതു സ്ഥലത്തിന്റെ ചാരുത്തിൽ ലൈസൻസി നൽകിയിരിക്കുന്നുവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണത്തക്കവിധത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസൻസി നൽകിയിട്ടുള്ള ലൈസൻസിന്റെ നമ്പരം ഉദ്ദേശ്യവും കാണിക്കുന്ന ഒരു അടയാളപ്പലക വെച്ചിരിക്കേണ്ടതാണ്.
4. പഞ്ചായത്തിൽനിന്നും അനുവാദം സിദ്ധിച്ച ശേഷമല്ലാതെ തൊഴിൽസ്ഥലം മാറ്റാൻ പാടില്ലാത്തതും തൊഴിൽ നിർത്തുന്ന പക്ഷം വിവരം മുൻകൂട്ടി പഞ്ചായത്തിൽ അറിയിക്കേണ്ടതുമാകുന്നു.
5. തൊഴിൽസ്ഥലവും പരിസരങ്ങളും വൃത്തിയായും സാംക്രമികരോഗാണുക്കൾ ഉണ്ടാകാത്തവിധത്തിലും പൊതുജനോപദ്രവമാകാത്ത വിധത്തിലും വ്യാപാരത്തിനു വെച്ചിട്ടുള്ള ഭക്ഷണപദാർത്ഥങ്ങൾ ഈച്ച, അണുക്കൾ, പൊടി മുതലായവയുടെ ശല്യം ഉണ്ടാകാത്ത വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ്.
6. ഏതൊരു പ്രവൃത്തിദിവസത്തിന്റെയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേണ്ടതാണ്.
7. ആ സ്ഥലത്തിന്റെയോ പരിസരത്തിന്റെയോ ഏതെങ്കിലും ഭാഗത്ത് വീഴുകയോ നിക്ഷേപിക്കപ്പെടുകയോ ചെയ്യുന്ന ചപ്പുചവറോ മൃഗങ്ങളുടെ അവശിഷ്ടങ്ങളോ മറ്റു പദാർത്ഥമോ ശേഖരിച്ച് സെക്രട്ടറിക്ക് തൃപ്തികരമായ രീതിയിൽ നീക്കം ചെയ്യിക്കേണ്ടതാണ്.
8. ലൈസൻസി ഏതൊരു കെട്ടിടത്തിന്റെയും ചുമതലകളുടെ അകവശത്തിന്റെ ഏതൊരു ഭാഗവും മേൽപ്പറഞ്ഞ പരിസരത്തിലുള്ള തറയും നടപ്പാതയും അവിടെ തെറിപ്പുവീഴാനിടയുള്ള ഏതെങ്കിലും ദ്രാവകമോ, മാലിന്യമോ ചപ്പുചവറോ അസഹ്യവും ഉപദ്രവകരവുമായ ഏതെങ്കിലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് തടയത്തക്കവിധം എപ്പോഴും തന്നായി കേടുപാടു തീർത്തു നിവർത്തേണ്ടതാണ്.
9. ലൈസൻസി ലഭിച്ചശേഷം പരിസരത്തോ അതോടുചേർന്നുള്ള ഏതൊരു ഓവറും അടുക്കലോ കളയുന്നതിനുള്ള ഉപകരണവും ചുറ്റുമുള്ള നമ്പരം കേടുപാടുവീർത്താ ഉണ്ടാക്കേണ്ടതാണ്.
10. അതിതടയം ആവരിക്കുന്ന കടകളുടെ ലൈസൻസി നൽകേണ്ടതാണ്.
11. ഏതെങ്കിലും തരത്തിലുള്ള തിക്ക് രോഗശോ കഷ്ടരോഗമോ, വ്രണമോ പകർച്ചവ്യാധികളോ ഉള്ള യാതൊരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന സ്ഥലത്തും പരിസരത്തും പ്രവർത്തിക്കുവാൻ പാടില്ലാത്തതാകുന്നു.
12. നിരോധിത പ്ലാസ്റ്റിക് ഇനങ്ങൾ ഉൽപ്പാദിപ്പിക്കുകയോ ശേഖരിക്കുകയോ വിൽക്കുകയോ കൈകാര്യം ചെയ്യുകയോ പാടില്ല.
13. സ്ഥാപനത്തിന്റെ ബോർഡിൽ സ്ഥലനാമം മലയാളത്തിലും ഇംഗ്ലീഷിലും രേഖപ്പെടുത്തേണ്ടതാണ്.
14. 20 സീറ്റിൽ കൂടുതലുള്ള എല്ലാ ഹോട്ടലുകൾക്കും റെസ്റ്റോറന്റുകൾക്കും ടോയിലെറ്റ് സൗകര്യം ഏർപ്പെടുത്തേണ്ടതാണ്.
15. നിരോധിത ഉൽപ്പന്നങ്ങളായ പാൻമസാല, ഗുഡ്ക തുടങ്ങിയവ സംഭരിച്ചു വെക്കുവാനോ വിൽക്കുവാനോ പാടില്ല.
16. ബാലവേല അനുവദിക്കുവാൻ പാടില്ല.
17. മുകളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളുടെ ലംഘനം ഈ ലൈസൻസി നൽകിയ ചെമ്പുനമ്പരിന് കാരണമാകാവുന്നതാണ്.
18. പൊതുഭരണവകുപ്പിന്റെ 13-06-2020ലെ സ.ഉ. (സാധാ) 1877/2020/പൊ.ഭ.വ. ഉത്തരവു പ്രകാരമുള്ള കോവിഡ് പ്രൊട്ടോക്കോൾ പാലിക്കണം.
19. തദ്ദേശ സഭയുടെ ഭരണ വകുപ്പിന്റെ 22-07-2017ലെ സ.ഉ.(സാധാ) 2511/2017/ത.സ.ഭ.വ. പ്രകാരമുള്ള ഉറവിട മാലിന്യ സംസ്കരണ സഹിധാനം സ്ഥാപിക്കണം.
20. മറ്റ് വകുപ്പുകളിൽ നിന്നും അനുവദിച്ചിട്ടുള്ള ലൈസൻസി, മറ്റ് ഫ്ലാഗ്ഷിപ്പുകൾ എന്നിവ അതത് സമയങ്ങളിൽ പുതുക്കേണ്ടതാകുന്നു. അല്ലാത്ത പക്ഷം പഞ്ചായത്ത് അനുവദിച്ചിട്ടുള്ള ലൈസൻസി സമയപരിധി കഴിഞ്ഞാൽ പാടില്ലാത്തതാകുന്നു.
21. സ്റ്റോക്ക് സമയത്ത് ചില്ലുകൾ ദുരയ്ക്കി വെച്ചിട്ടുള്ള വിഭാഗത്തിൽപ്പെട്ടവർക്ക് മാത്രം പാടില്ലാത്തതാകുന്നു. സ്റ്റോക്ക് സമയത്ത് മുൻപ് സമീപിതാസികളെ അറിയിക്കുന്നതിനായി സെലക്ഷൻ മുഴക്കണം. സ്റ്റോക്ക് സമയവും എണ്ണവും മറ്റും പൊതുജനങ്ങൾ കാണത്തക്ക വിധം എഴുതി പ്രദർശിപ്പിക്കണം. ക്യാനിയീഫേഷനുള്ള റോഡുകളിൽ വാഹനം ഓടി പൊടിപടലങ്ങൾ പകർന്നുപോകാൻ വെള്ളം നന്നാക്കണം. ജീവനക്കാർക്ക് ആവശ്യമായ പ്രഥമ ചികിത്സ സംവിധാനങ്ങൾ പ്രാഥമികാവശ്യങ്ങൾക്കുള്ള ടോയ്ലറ്റുകൾ ക്രമീകരിക്കണം. ഇത്തരം സംസ്ഥാന തൊഴിലാളികളെ ജോലിക്കായി നിയോഗിക്കുമ്പോൾ അവരുടെ വിവരങ്ങൾ പി.എച്ച്.സി യെ രേഖാമൂലം അറിയിക്കണം. ലൈസൻസി ഉള്ള സ്റ്റോക്ക് വിഭാഗത്തിൽ കോളർ മാത്രമേ പാറപൊട്ടിക്കുവാൻ പാടുള്ളൂ. ലൈസൻസിനായി സമർപ്പിച്ചിട്ടുള്ള അപേക്ഷയോടൊപ്പം ഹാജരാക്കിയിട്ടുള്ള വിവിധ വകുപ്പുകളുടെയും, ബോർഡുകളുടെയും, ഏജൻസികളുടെയും നിരാകരണ സാക്ഷ്യപത്രത്തിൽ പറഞ്ഞിട്ടുള്ള സർവ്വ നമ്പരുകളിൽ വ്യവസ്ഥകൾ പാലിച്ചുകൊണ്ട് മാത്രം ക്യാറി നടത്തേണ്ടതാണ്.

(ഒപ്പ്)  
സെക്രട്ടറി  
ആലക്കോട് ഗ്രാമപഞ്ചായത്ത്

NB. ഈ ലൈസൻസി ലഭിച്ചവർക്ക് മറ്റ് വകുപ്പുകളിലേക്ക് മാറ്റം വരുത്തുന്നതിനായി പ്രത്യേകമായ ഒപ്പും സീലും ആവശ്യമില്ല. ഈ ലൈസൻസി അനുവദിക്കുന്നതിനായി ഉപയോഗിക്കുന്നതിനായി ഉപയോഗിക്കുന്നതിനായി ലൈസൻസി പുതുക്കുന്നതിനുള്ള അപേക്ഷ സമർപ്പിക്കേണ്ടതാണ്.

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# Half yearly Compliance Report

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## Explosive License

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*ANNEXURE 21*

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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.कक्कानाड कोच्ची | CSEZ PO Kakkanad Dist. Ernakulam Ernakulam 682037  
 फोन (Phone):- 2427286 | फैक्स (Fax):- 2427276

संख्या (No.): E/SE/KL/22/95(E93346)

दिनांक (Date): 08/03/2021

सेवा में | To,

Shri Shiju Thomas,  
 Pallivathukkal House, Chilavu P.O., Thodupuzha, Town/Village - Thodupuzha  
 District-IDUKKI, State-Kerala, Pincode - 685588

विषय : Survey No.Block No.32, Sy. No.589, ग्राम Alakkode, जिला IDUKKI, राज्य Kerala में मेसर्स Shri Shiju Thomas द्वारा विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SE/KL/22/95(E93346) के संशोधन संदर्भ में।  
 (विस्फोटक की मात्रा / मासिक खरीद सीमा में परिवर्तन)

Subject: Possession for Use of of Explosives from magazine situated at Survey No.:Block No.32, Sy. No.589, Alakkode, Dist. IDUKKI, Kerala -Licence No.: E/SE/KL/22/95(E93346) granted in Form LE-3 of Explosives Rules, 2008 -  
 (Amendment of Quantity of Explosives/Monthly Purchase Limit).

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या Nil दिनांक 01/03/2021 का संदर्भ ग्रहण करें।  
 Please refer to your letter no. Nil dated 01/03/2021.

अनुज्ञप्ति संख्या E/SE/KL/22/95(E93346) विस्फोटक की मात्रा / मासिक खरीद सीमा में परिवर्तन के संबंध में यथा संशोधित कर भेजी जा रही है।

The Licence No.: E/SE/KL/22/95(E93346) is forwarded herewith duly amended in respect of followings ;  
**Quantity of Explosives/Monthly Purchase Limit**

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

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

संख्या No	विस्फोटक Explosive(s)	वर्ग Class	प्रभाग Div	उप- प्रभाग Sub Div	क्षमता Capacity	इकाई Unit
1	Nitrate Mixture	2	0	0	100	Kg.
2	Safety Fuse	6	1	0	1500	Mtrs
3	Ordinary/Electric/Non Electric Detonators	6	3	0	3000	Nos.

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

Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)] : 27  
 times as above.

यह अनुज्ञप्ति दिनांक 31 मार्च 2026 तक प्रवृत्त रहेगी।

This Licence shall remain valid till 31st day of March 2026.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया विस्फोटक नियम, 2008 के नियम 112 के अंतर्गत प्रक्रिया का पालन करें। कृपया पावती दें।  
For further revalidation(if required), please follow the procedure under Rule 112 of Explosives Rules, 2008.  
Receipt of this letter may please be acknowledged.

भवदीय | Your's faithfully

(आर.वेणुगोपाल | Dr. R.Venugopal)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची | Ernakulam  
Deputy Chief Controller of Explosives  
एरनाकुलम Ernakulam

प्रतिलोपे प्रेषित | Copy Forwarded to:

1. District Magistrate, IDUKKI, Kerala with reference to his Noc No: E2-50159/2015/K Dis. Dated: 05/02/2016
2. Superintendent of Police, IDUKKI, Kerala.

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives  
कोच्ची | Ernakulam

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

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

**अनुज्ञापते प्ररूप एल. ई.-3 | LICENCE FORM LE-3**

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

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

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

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

**अनुज्ञापति सं. (Licence No.) : E/SE/KL/22/95(E93346)**

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



1. Licence is hereby granted to

**Shri Shiju Thomas (अधिभोगी / Occupier : Shri Shiju Thomas)**, Pallivathukkal House, Chilavu P.O.,Thodupuzha, Town/Village - Thodupuzha, District-IDUKKI, State-Kerala, Pincode - 685588

को अनुज्ञापति अनुदत्त की जाती है।

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

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

4. अनुज्ञापति 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	1500 Mtrs
3.	Ordinary/Electric/Non Electric Detonators	6,3	0	3000 Nos.

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

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

**27 times as above.**

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

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

रेखाचित्र क्र. (Drawing No.) E/SE/KL/22/95 : (E93346)  
दिनांक (Dated) 08/03/2021

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

**Survey No. Block No.32, Sy. No.589**, ग्राम (Town/Village) : **Alakkattur**  
जिला (District) **IDUKKI** राज्य (State) **Kerala** पिनकोड (Pincode) **685588**  
दूरभाष (Phone) **9447522690** ई. मेल (E-Mail) फेक्स (Fax)

7. अनुज्ञापति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।  
The licensed premises consist of following facilities.

**G ( SL.No.837 & 838) & T ( SL. No.1287) type three portable magazines fabricated by M/s. Nobel Explosives, Kadayirupu, Ernakulam.**

8. अनुज्ञापति 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.
- अनुज्ञापति प्राधिकारी द्वारारा हस्ता.क्षरित इस अनुज्ञापति की शर्तों और अतिरिक्त शर्तों।  
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 2021 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2021.

यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञप्ति की शर्तों का अधिक्रमण करने या यदि अनुज्ञप्त परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहत की जा सकती है, जहां वह लागू हो।  
This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

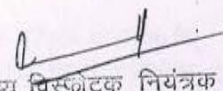
तारीख | The Date - 05/04/2016

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

**Amendments :**

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 28/04/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 14/09/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 20/02/2020
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 28/01/2021
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 08/03/2021

नवीनीकरण के पृष्ठांकन के लिए स्थान  
Space for Endorsement of Renewal

  
उप मुख्य विस्फोटक नियंत्रक  
Deputy Chief Controller of Explosives  
एरनाकुलम Ernakulam

नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature of licensing authority and stamp
08/03/2021	31/03/2026	Sd/- Dy. Chief Controller of Explosives, Ernakulam

**कानूनी चेतावनी :** विस्फोटकों को गलत ढंग से चलाने या उनका दुरुपयोग विधि के अधीन गंभीर दंडिक 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 signature. Applicant may take printout for their records.**



(सेट VIII | Set VIII)

मैगजीन में वर्ग 1,2,3,4,5,6, और 7 के विस्फोटकों को बिक्री या प्रयोग हेतु रखने के लिए प्ररूप एल.ई. 3 (अनुच्छेद 3 (ख) से (ग)) में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक द्वारा प्रदान किए जाने वाले अनुज्ञापति सं. E/SE/KL/22/95(E93346) की शर्त निम्नलिखित हैं।

The following are the conditions of licence number E/SE/KL/22/95(E93346) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c) ) granted by Chief controller of Explosives or Controller of Explosives.

1. परिसर में किसी भी समय विस्फोटकों की मात्रा अनुज्ञापन योग्य सामर्थ्य से अधिक नहीं होगी।  
The quantity of explosives on the premises at any one time shall not exceed the licensable capacity.
2. विस्फोटकों के भंडारण के लिए 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.
3. 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.
4. 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.
5. दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर पृथक कर दिया जाए कि किसी वजह से विस्फोटक में लगने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटक तक न पहुंच सके : परंतु -  
(घ) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पलीते और वर्ग 6 प्रभाग 2 के अंतर्गत 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.
6. वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुज्ञापन प्राधिकारी की विशेष मंजूरी के मैगजीन में नहीं रखा जाएगा।  
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.
7. वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी 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 अनुज्ञापतिधारी 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 चिन्ह प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञापतिधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करें।  
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.  
(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.  
(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.
8. मैगजीन के भीतरी भाग या उसमें लगी बेंचों, शेल्फों और उसकी फिटिंग का इस प्रकार सन्निर्माण किया जाएगा या उन्हें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोका जा सके। भीतरी भाग में लगी बेंचें, शेल्फें और फिटिंग यथासाध्य ग्रिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सम्यक सावधानी बरती जाएगी कि वहां कोई जल मौजूद न रहे : परंतु किसी लोहे या इस्पात के खुले होने के विरुद्ध सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बाध्यकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से भिन्न कोई विस्फोटक रखा गया है।

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The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from; Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.

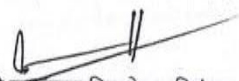
9. यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञापिधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञापिधारी द्वारा पश्चात्कर्ता प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तडित चालक को समाधानप्रद घोषित 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 प्रभाय होगा :  
परंतु यह और कि यदि दो या अधिक तडित चालक एक ही मैगजीन से संबद्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तडित चालक के परीक्षण के लिए हर स्थिति में विहित की गई है ।  
If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the even of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory:  
Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day :
- Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.
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. अनुज्ञापिधारी 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 स्टाक पुस्तक और अभिलेख प्रस्तुत करेगा । स्टाक पुस्तक विहित प्रोफार्मा में पृष्ठ संख्यांकित होगी ।  
The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforma shall be page numbered.
12. परिसरों में कोई परिवर्तन या तबदीली अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुज्ञापिधारी 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 अनुज्ञापिधारी 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 अनुज्ञापिधारी इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा ।  
The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.
14. यदि सुरक्षा दूरी का कोई अधिक्रमण होता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को आवश्यक सलाह और कार्यवाही के लिए तुरंत दी जाएगी ।  
Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.
15. यदि कोई विस्फोटक विनष्ट हुआ अथवा अनुपयोगी जाया जाता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को, सलाह प्राप्त करने के लिए, तुरंत दी जाएगी ।  
The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.
16. विस्फोटकों के पैकेटों के चट्टे इस प्रकार लगाए जाएंगे कि कम से कम एक व्यक्ति भण्डार किए गए सभी पैकेजों की हालत की जांच करने और प्रत्येक पैकेज की विनिर्माण विशिष्टियों को पढ़ने के लिए उनके बीच से होकर आ जा सके ।  
The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.  
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 ।

उप मुख्य विस्फोटक नियंत्रक  
Deputy Chief Controller of Explosives  
एरनाकुलम Ernakulam

- A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.
18. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी।  
Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.
  19. किसी मैगजीन / भंडारगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा।  
Not more than 4 persons shall be allowed inside the magazine or store house at any one time.
  20. विस्फोटकों के खाली पैकेजों को शीघ्रतः वहाँ से हटा दिया जाएगा और नष्ट कर दिया जाएगा।  
Empty packages of the explosives shall be removed at the earliest and destroyed.
  21. अनुज्ञापिधारी और 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 अनुज्ञात परिसर में अबाध रूप से पहुँचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबंधों और सुरक्षा स्थितियों को सम्यक्तः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी।  
Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.
  23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञापिधारी 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, अनुज्ञापिधारी को निष्पादित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा।  
If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the license shall execute the recommendations and report compliance within the period specified by such authority.
  24. अनुज्ञापिधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञात फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पत्ती खरीदेगा।  
The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.
  25. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले आतिशबाजियों पटाखों की बिक्री और रखने के लिए –  
(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डी.बी.(ए1) या 145 डी.बी.(सी)पी.के. प्रतिबंधित होंगे;  
(ख) श्रृंखला (जुड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपयुक्त 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(AI) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;  
b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log<sub>10</sub> (N) dB, where N = number of crackers joined together.
  26. आग या विस्फोट द्वारा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत पास के पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी।  
Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

**अतिरिक्त शर्तें / Additional Conditions :**

1. अनुज्ञापिधारी 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  
 उप मुख्य विस्फोटक नियंत्रक  
 Dy. Chief Controller of Explosives  
 एरनाकुलम Ernakulam

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

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

Safety distances required to be kept clear around magazine for high explosives or fire works or factory licence number E/SE/KL/22/95(E93346) in form LE-3 granted to Shri Shiju Thomas, Pallivathukkal House, Chilavu P.O.,Thodupuzha, Kerala-685588 .

Type of Structure(s)		Safety distances meters	
<b>Inside Safety Distances(ISD)</b>			
		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		
<b>Middle Safety Distances(MSD)</b>			
4	Magazine Keeper's or Chowkidar's Dwelling house		
5	Railway including Minerals and Private Railways		
6	Canal (in active use) or other navigable water		
7	Dock or Pier or Jetty		
8	Public Highway or Public Road		33
9	Private Road which is PRINCIPAL means of access to a Temple, Mosque, Church, Gurudwara or other places of worships, Hospital, College, School or Factory		
10	River Embankment or Sea Embankment or Public Well		
11	Reservoir or Bounded tank/rope way		
12	Windmillor or Solar panel for Power Generation		
<b>Outside Safety Distances(OSD)</b>			
13	Dwelling House		
14	Govt. and Public Building		
15	Temple, Mosque, Church or Gurudwara or other Places of Worships		
16	Shops, Market place, Public recreation and Sports Ground, College, School, Hospital, Theater, Cinema or other Building where the public are accustomed to assemble		
17	Factory		
18	Buildings or Works used for the Storage in Bulk of Petroleum, Sprit, gas, or other inflammable or hazardous substances		45
19	Building or Works used for Storage and Manufacture of Explosives or of articles which contain Explosives		
20	Aerodrome		
21	Furnace, Kiln or Chimney		
22	Quarry or mine pit head		
23	Power House or Electric Substation		
24	Wireless Station		
25	Warehouse or other Storage Building		
26	Any other Protected works		
<b>Overhead Electric lines</b>			
27	Electric Power over head Transmission Lines above 440V		45
28	Electric Power over head Transmission Lines upto 440V		15

The Date : 05/04/2016

For Dy. Chief Controller of Explosives

उप मुख्य विस्फोटक नियंत्रक  
Ernakulam

Deputy Chief Controller of Explosives

एरनाकुलम Ernakulam

**Amendments :**

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 28/04/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 14/09/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 20/02/2020
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 28/01/2021
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 08/03/2021

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# Half yearly Compliance Report

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## Soil Report

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*ANNEXURE 22*

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# POLUCHEM LABORATORIES PVT LTD

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, NORTH KALAMASSERY, ERNAKULAM - 683104

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ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

## TEST REPORT

Client Name & Address  Mr. Shiju Thomas Pallivathukkal House Chilavu Post Thodupuzha	Certificate No:	PL/RT/SO/10847/2023
	Date of issue:	09/10/2023
	Date of monitoring	29/09/2023
	Monitoring Location	Quarry Owned by Mr. Shiju Thomas Survey No: 294/1 pt, 294/2 pt, 295/5, 295/6 pt, 296/2 pt, 3546/1-1 pt Village: Alakode Taluk: Thodupuzha District: Idukki, Kerala
	Sample Description	Soil
Parameter	Test Method	Results
pH	IS 2720(Part25)-1973	6.54
Electrical Conductivity	IS 14767:2000RA2016	124 µS/cm
Potassium as K	EPA 3050 B	65 mg/kg
Phosphorus as P	IS 10158 :1982 RA 2014	43 mg/kg
Nitrogen as N	IS 14684: 1999 RA 2014	156 mg/kg
Organic Carbon	IS2720(Part 22)-1972	0.87 %
Calcium	EPA 3050 B	87 mg/kg
Magnesium	EPA 3050 B	54 mg/kg
Chloride	UEPA9212	254 mg/kg
Sulphate	IS 2720 Part27:1977	198 mg/kg

For PoluChem Laboratories (P) Ltd.

Authorized Signatory.

\*End of the Report\*

**SREEJA RAMESH**  
QUALITY MANAGER  
POLUCHEM LABORATORIES PVT LTD

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

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# Half yearly Compliance Report

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## Previous Compliance Report Submission Details

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*ANNEXURE 23*

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# Half yearly Compliance Report

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## SOLAR PANEL INSTALLED AT QUARRY SITE

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### *ANNEXURE 24*

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# Half yearly Compliance Report

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SIGN BOARDS SHOWING SAFETY PRECAUTIONS TO  
BE TAKEN INSIDE THE QUARRY, WARNING BOARDS  
& OTHER INFORMATION DISPLAY BOARDS

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*ANNEXURE 25*

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### SAFETY PRECAUTIONS & INSTRUCTIONS TO WORKERS



### SAFETY PRECAUTIONS & INSTRUCTIONS TO WORKERS/DRIVERS



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# Half yearly Compliance Report

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## **TOP SOIL WITH OVERBURDEN DUMP LOCATION**

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*ANNEXURE 26*

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## TOP SOIL WITH OVERBURDEN DUMP LOCATION



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# Half yearly Compliance Report

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## **NEWLY TARRED APPROACH ROAD TO THE QUARRY**

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### *ANNEXURE 27*

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*ANNEXURE 27*



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# Half yearly Compliance Report

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## **INSPECTION REPORT BY MoEF&CC- CERTIFIED COMPLIANCE REPORT**

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*ANNEXURE 28*

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60	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	During inspections no nala seen in the mining lease area. Based on verification of half yearly compliance reports submitted to this office, it is noted that PA has been regularly monitoring the quality of surface water by a NABL/MoEF&CC recognized laboratory and the values in the analysis reports indicated to be within stipulated norms. The latest surface water analysis report dated 25.04.2022 carried out by PoluChem Laboratories Private Limited indicated all the values to be within stipulated norms.
61	Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and corrective measures, if needed.	During inspection, First Aid Facility in the quarry area seen and based on records verified, it was noted that PA is undertaking medical check-ups of workers regularly and records are also maintained.

*Ch. Murali Krishna*

**Dr. Murali Krishna**  
**Additional Director/ Scientist-E**  
**14.03.2023**

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