



sanal kumar &lt;shahquarry23@gmail.com&gt;

---

**Submission of Half yearly compliance report of M/s Shah Quarry for the period of October 2025 to March 2026**

2 messages

---

**sanal kumar** <shahquarry23@gmail.com>

Fri, May 1, 2026 at 10:26 AM

To: rosz.bng-mefcc@gov.in

Respected Sir,

I am herewith submitting the Half yearly Compliance Report for the period of October 2025 to March 2026 for your reference.

Name of Proponent: Mr.Shaji S

Location: 325/5, 325/2, 325/4, 326, 326/1, 326/2, 328/2-2, 328/2 of Chadayamangalam Village, Kottarakkara Taluk, Kollam District, Kerala state

Environmental Clearance issued vide no. 83/2016, Dated 01-06-2016

2. Extension of Environmental Clearance issued vide order no. 752/SEIAA/KL/301/2015 dated 16.07.2022

Yours faithfully

Mr. SHAJI S

Managing Partner,  
M/s Shah Quarry**Compliance Report - Oct 25 - March 26\_11zon.pdf**

10139K

---

**sanal kumar** <shahquarry23@gmail.com>

Fri, May 1, 2026 at 10:27 AM

To: seacseiaakerala@gmail.com

[Quoted text hidden]

**Compliance Report - Oct 25 - March 26\_11zon.pdf**

10139K

DATED 29-04-2026

From,

**M/s Shah Quarry**  
**Thekkuvila Melathil Veedu**  
**Kudavattoor P.O**  
**Kottarakkara Kollam – 691 512**  
**(Represented By Its Managing Partner, Shaji S)**  
**Mobile NO. 9447556338**

To

MoEF Regional Office, Sothern Zone  
Kendriya Sadan, 4th Floor,  
E & F Wing, II Block,  
Koramanagala , Banglore – 560 034

Respected Sir,

---

Sub: Submission of Half yearly compliance report in respect of Quarry project of M/s Shah Quarry (Represented by Its Managing Partner, Shaji S) in Block no 41 Re-Survey Nos 325/5, 325/2, 325/4, 326, 326/1, 326/2, 328/2-2, 328/2 of Chadayamangalam Village, Kottarakkara Taluk, Kollam District, Kerala State– Compliance report – Reg.

---

Ref: 1. Environmental Clearance issued vide no. 83/2016, Dated 01-06-2016  
2. Extension of Environmental Clearance issued vide order no. 752/SEIAA/KL/301/2015 dated 16.07.2022

With respect to above subject, I am herewith submitting the detailed half yearly Compliance Report for the period from October 2025 to March 2026 to all the conditions stipulated in the Environmental Clearance (EC) issued vide reference cited above.

Thanking you  
Yours respectfully,



SHAJI S

Copy to: The Member Secretary, State Level Environment Impact Assessment Authority, 4th floor, KSRTC terminal complex, Thiruvananthapuram – 695 014

# COMPLIANCE REPORT FOR GRANITE BUILDING STONE QUARRY PROJECT OF M/s. SHAH QUARRY

RE-SURVEY NO. S : 325/5, 325/2, 325/4, 326, 326/1, 326/2, 328/2-2, 328/2

EXTENT : 2.1667 HECTARES

VILLAGE : CHADAYAMANGALAM

TALUK : KOTTARAKKARA

DISTRICT : KOLLAM

STATE : KERALA

- 1 ENVIRONMENTAL CLEARANCE ISSUED VIDE NO.83/2016,  
DATED 01-06-2016
- 2 EXTENSION OF ENVIRONMENTAL CLEARANCE ISSUED  
VIDE ORDER NO. 752/SEIAA/KL/301/2015, DATED 16.07.2022



**HALF YEARLY COMPLIANCE REPORT**  
FOR THE PERIOD FROM OCTOBER 2025 TO MARCH 2026

## TABLE OF CONTENTS

ITEM NUMBER	DESCRIPTION	PAGE NUMBER
<b>I</b>	<b>About The Proponent</b>	3
<b>II</b>	<b>About The Project</b>	4
	Project Category	4
	Project Location	4
	Project Extent And Activity	4
	Project Description	3
<b>III</b>	<b>Report Of Compliance</b>	6
	Compliance Of Specific Condition	6
	Compliance Of General Condition	9
	Compliance of additional specific conditions	27
<b>V</b>	<b>Site Photographs</b>	
	Fig :1 Photographs of the fencing demarcating government land and the private property	6
	Figure 2,7,13,17: Photograph of the OB Dump area	7,13,22,28
	Figure 3 : Photograph showing approach road	8
	Figure 4,15 : Photograph of the Avenue trees	9,27
	Figure 5 : Photograph of fencing provided	11
	Figure 6 : Photograph of the concreted access road with proper fencing to the quarry site.	13
	Figure 8 : Photograph of the properly designed benches	14
	Fig: 9,16 Garland drains with clarifiers	15,28
	Fig: 10 Trucks covered with tarpaulin sheets	16
	Fig: 11 Magazines stored at isolated place	17
	Fig: 12 Photographs of Environmental Clearance displayed in a metallic board	20
	<b>Annexures</b>	
	Annexure 1 – Copy of Notarized affidavit	31
	Annexure 2 – Copy of Environmental Clearance dated 01-06-2016	33
Annexure 2A – Copy of Environmental Clearance dated 16-07-2022	41	

	Annexure 3 – Copy of Explosive License	45
	Annexure 4 – Copy of mines mate certificate	52
	Annexure 5 – Copy of Panchayath License	54
	Annexure 6 – Copy of Pollution certificate issued by KSPCB	55
	Annexure 7 – Copy of Lab Report	57
	Annexure 8 – Copy of Newspaper Advertisement Published in the Local Newspaper	63
	Annexure 9- Details of Environment Monitoring cell members	64

## **I. ABOUT THE PROPONENT**

M/s. Shah Quarry, represented by its Managing Partner, Shaji S residing at Thekkuvila Melathil Veedu, Kudavattoor P.O, Kottarakkara Kollam – 691 512 operating a Granite (Building Stone) Quarry project over an extent of 2.1667 in re survey Nos: 325/5, 325/2, 325/4, 326, 326/1, 326/2, 328/2-2, 328/2, of Chadayamangalam Village, Kottarakkara Taluk, Kollam District, Kerala State.

EC was issued from State Environment Impact Assessment Authority (SEIAA), Kerala accorded Environmental Clearance issued vide no. 83/2016, Dated 01-06-2016 and an Extension of Environmental Clearance issued vide order no. 752/SEIAA/KL/301/2015, Dated 16.07.2022 to the quarry project in Chadayamangalam Village, Kottarakkara Taluk, Kollam District, Kerala State.

## **I. ABOUT THE PROJECT**

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

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

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

Re-survey no.s: 325/5, 325/2, 325/4, 326, 326/1, 326/2, 328/2-2, 328/2, of Chadayamangalam Village, Kottarakkara Taluk, Kollam District, Kerala State.

The proposed project site falls within latitude and longitude value:

Latitude (N)	08°51'21.90" N to 08°51'23.90" N
Longitude (E)	76°52'46.70" E to 76°52'44.50" E

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

The project is for quarrying of 3,75,000 MTA of building stone from an area of 2.1667 hectares.

**d. Project Description:**

Considering the slope of the terrain and existence of residential buildings down the slope, though at permissible distance, SEAC unanimously decided to recommend the project proposed to SEIAA for the grant of Environmental Clearance for the quarrying project for Granite Building Stone quarry M/s Shah Quarry, Represented By Its Managing Partner Shaji S , Thekkuvila Melathil Veedu, Kudavattoor P.O, Kottarakkara Kollam – 691 512 -for a period of 5 years from the date of grant of Quarrying lease from the Department of Mining and Geology. The validity of EC expired and the proponent had approached the SEIAA for the extension of EC.

In this circumstance, Environmental Clearance issued is hereby revalidated initially for a period of 5 years for the quantity mentioned in the approved Mining Plan to be extended to cover project life of 12 years, from the date of issuance of original EC ie, 01.06.2016 subject to review by SEAC at every five years to verify whether the Project Proponent has caused any damage to the Environment in the project region by violating any EC conditions. The revalidation of Environmental Clearance is accorded subject to the Terms and Conditions mentioned in the original EC in addition to the General Conditions and the additional Specific Conditions mentioned.

### III. REPORT OF COMPLIANCE

#### A. SPECIFIC CONDITIONS

ITEM NO	STIPULATIONS IN EC	STATUS OF COMPLIANCE
S-1	Fencing should be provided all around the lease area.	The proponent has properly fenced the quarrying area. Adequate fencing has been provided to clearly demarcate the government land and the private property. Appropriate signboards have also been installed to distinctly identify and mark the above-mentioned government land and private property boundaries.

*Figure 1: Photographs of the fencing demarcating government land and the private property*





S-2 Top soil and over burden should be stored in a designated place on the lower slope away from the working and provided with protective support walls.

Topsoil and overburden are stored at the designated location in the lower slope area, away from the active working zone, and are protected with adequate retaining/support walls to prevent erosion and ensure stability. Proper signboards have also been provided to clearly indicate and demarcate the storage area.

Figure 2 : Photograph of the OB Dump area

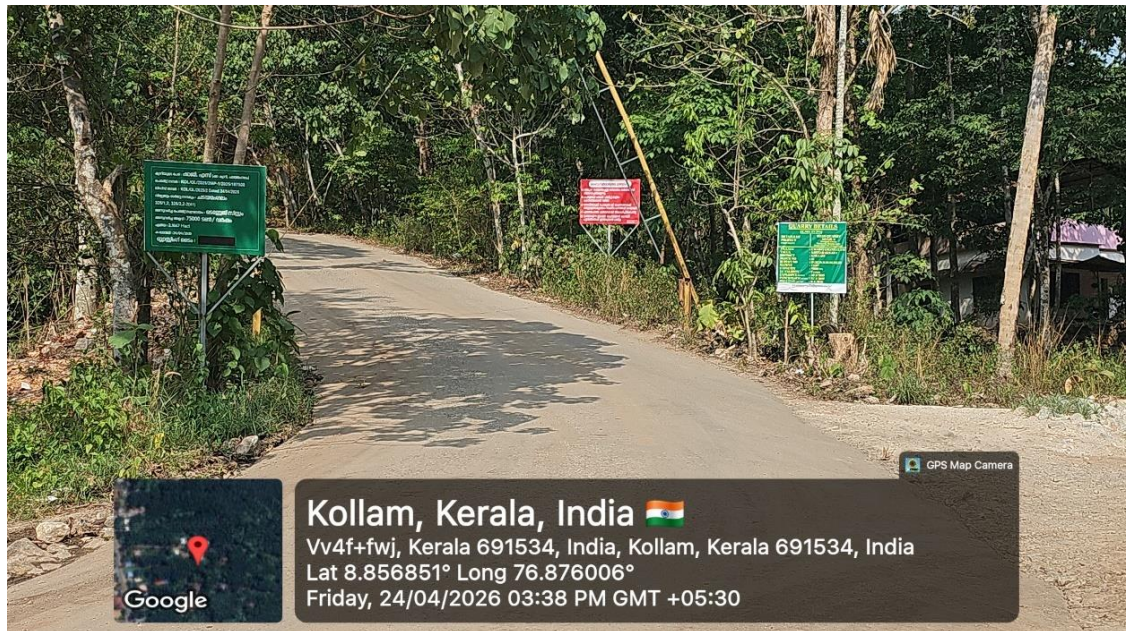


S-3 Ultimate depth of mine must be limited to the stream bed level seen in the vicinity.

The ultimate pit limit (UPL) of the mine is restricted up to 75 mRL, ensuring that quarrying operations are confined well above and within the permissible limit with reference to the nearby stream bed level. This is


		maintained to prevent any adverse impact on the natural drainage pattern and to ensure environmental safety.
S-4	The seasonal stream should be provided with protective embankments to prevent entry of quarry waste. It should also be provided with low level check dams at least at two places to arrest silt being washed downstream. Periodic desilication is essential.	Protective embankments have been provided along the seasonal stream to prevent the entry of quarry waste and runoff from the quarry area. Low-level check dams have also been constructed at two suitable locations to arrest silt and prevent sediment from being washed downstream. Periodic desiltation of the stream and check dams is being carried out regularly to maintain free flow and ensure effective silt control.
S-5	The approach road is narrow and presently not maintained for movement of heavy vehicle. This should be taken up on priority basis.	The M.C. Road is located at a distance of 150 m from the project site. The access road connecting the quarry to the M.C. Road is maintained with a width of 7.0 m to facilitate the smooth movement of trucks and other vehicles. The road is concreted and well maintained to ensure safe and efficient transportation of materials.

Figure 3 : Photograph showing approach road



S-6	The CSR activity must be submitted before the authority	Scrupulously follows the directions contained.
-----	---	--


## B. GENERAL CONDITIONS

ITEM NO	STIPULATIONS IN EC	STATUS OF COMPLIANCE
G-1	Rain Water Harvesting facility should be installed as per the prevailing Provisions of KMBR/KPBR, unless otherwise specified	Rainwater harvesting ponds will be constructed during the next phase of mining operations to effectively collect and conserve surface runoff and rainwater from the quarry area. These ponds will help in groundwater recharge, reduce surface runoff, and support sustainable water management within the project site.
G-2	Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.	An Environment Monitoring Cell is constituted and made functional. Details are attached as annexure 10.
G-3	Suitable avenue trees should be planted along either side of tarred road and open parking areas, if any, inclusive of approach road and internal roads.	Avenue trees by way of natural vegetation are present along either side of the tarred road, both approach road and internal road.
<p>Figure 4 : Photograph of the Avenue trees</p> 		
G-4	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the	Would be provided.

	project.	
G-5	Sprinklers shall be installed and used in the project site to contain dust emissions.	As the quarry is in its initial stage of operation, sprinklers will be installed at the project site in the coming months to control dust emissions. This will help in suppressing dust generated from quarrying activities, vehicle movement, and material handling, thereby minimizing air pollution and improving environmental management.
G-6	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	To maintain eco restoration, periodical afforestation and maintenance of the plantation will be made, rain harvesting and dust controlling will be done. Mining will be carried by ecofriendly method.
G-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 E.C	At the time of the closure of the mine, it shall be ensured that the directions contained are scrupulously followed.
G-8	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.	Activities towards Corporate Social Responsibility are being implemented.
G-9	The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mining. All the boundary indicators (boards, stores, markings, etc.) shall be protected at all times and shall be conspicuous.	The proponent has properly fenced the quarrying area. Adequate fencing has been provided to clearly demarcate the government land and the private property. Appropriate signboards have also been installed to distinctly identify and mark the above-mentioned government land and private property boundaries.

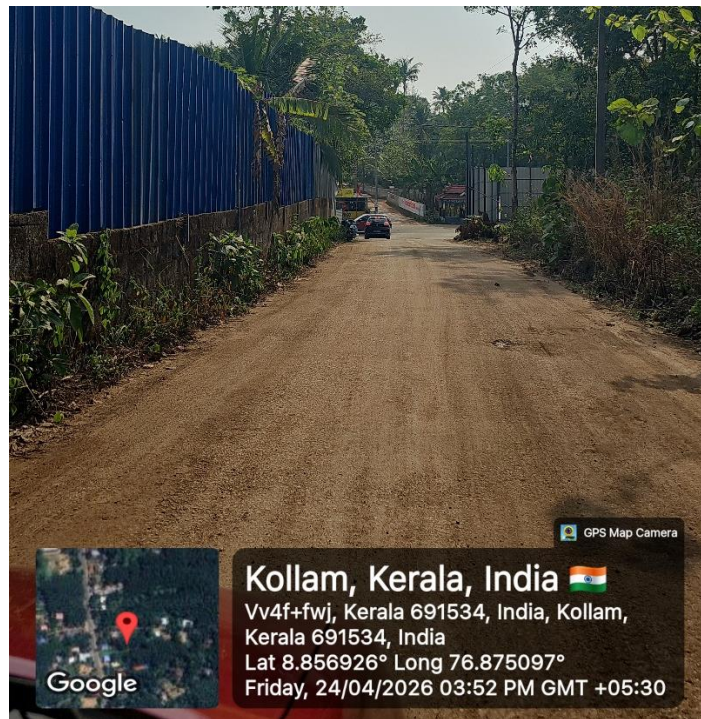
Figure 5 : Photograph of fencing provided



	<p>Figure 5 : Photograph of fencing provided</p> 	
<p>G-10</p>	<p>Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per Stipulations of Explosive Department.</p>	<p>Warning alarms shall be installed in the project site.</p>
<p>G-11</p>	<p>Control measures on noise and vibration prescribed by KSPCB should be implemented.</p>	<p>Control measures for noise and vibration as prescribed by the Kerala State Pollution Control Board (KSPCB) are being implemented at the project site. Regular water sprinkling, controlled blasting techniques, proper maintenance of machinery, use of silencers, and restricted operational timings are being followed to minimize noise and vibration impacts on the surrounding environment.</p>
<p>G-12</p>	<p>Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.</p>	<p>Quarrying activities are being strictly limited to daytime only, in compliance with the guidelines and specific conditions prescribed by the Kerala State Pollution Control Board (KSPCB). No quarrying, blasting, or transportation activities are carried out during night hours, thereby</p>

		minimizing disturbance to the surrounding environment and nearby residents.
G-13	Blasting should be done in a controlled manner as specified by the regulation of explosives Department or any other concerned agency.	Blasting operations are being carried out using NONEL (Non-Electric) initiation technology in a controlled manner, strictly in accordance with the regulations and guidelines prescribed by the Department of Explosives and other concerned authorities. Proper safety measures, controlled charge quantity, delay detonators, and supervised blasting practices are followed to minimize ground vibration, noise, fly rock, and ensure the safety of nearby structures and residents.
G-14	A licensed person should supervise/control the blasting operations.	Blasting operations are carried out under the strict supervision and control of a licensed blaster authorized for such activities. All blasting procedures are conducted in compliance with the regulations of the Department of Explosives and other concerned authorities, ensuring safety, proper handling of explosives, and minimization of environmental impacts. (Certificate of Licensed person is attached as annexure 4)
G-15	Access roads to quarry shall be tarred to contain dust emissions that may arise during transportation of materials.	The access roads to the quarry have been concreted to control dust emissions arising during the transportation of materials. The well-maintained concrete road surface helps in minimizing dust generation from vehicle movement and ensures safe and smooth transportation of quarry materials.

Figure 6 : Photograph of the concreted access road with proper fencing to the quarry site.





G-16

Overburden materials should be managed within the site and used for reclamation of mine pit as per mine closure plan/ specific conditions.

Topsoil and overburden are stored at the designated location in the lower slope area, away from the active working zone, and are protected with adequate retaining/support walls to prevent erosion and ensure stability. Proper signboards have also been provided to clearly indicate and demarcate the storage area.

Figure 7 : Photograph of the OB Dump area



G-17	Height of benches should not exceed 5 m and width should not be less than 5 m if there is no mention in the mining plan/specific conditions.	Bench height is maintained within 5 m and width is kept not less than 5 m, ensuring safe quarry operations and compliance with standard safety practices.
<p style="text-align: center;">Figure 8 : Photograph of the properly designed benches</p> <div style="display: flex; justify-content: space-around;">   </div>		
G-18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	Blasting mats are being used to control fly rock, and blasting is carried out in a controlled manner to ensure that ground vibration is maintained within the permissible limit of 10 PPV, ensuring safety to nearby structures and surroundings.
G-19	Maximum depth of mining from general ground level at site shall not exceed 10m.	The maximum depth of mining from the general ground level at the site shall be restricted to 10 m and strictly maintained during quarry operations. Regular monitoring of bench levels and pit depth will be carried out to ensure that excavation does not exceed the permitted depth limit and that safe mining practices are followed throughout the operation.
G-20	Non mining operations should be carried.	Non-mining activities are carried out only in areas having a slope greater than 45°, while

	out at places having a slope greater than 45°.	quarrying operations are restricted to safe and permissible zones as per approved mining conditions.
G-21	Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.	Acoustic enclosures for crushers have not yet been implemented, as the quarry is in its initial stage of operation. The same will be provided along with green belt development and hollow brick enclosures to control sound amplification and to ensure that noise levels are maintained within the prescribed standards of CPCB/KSPCB.
G-22	The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.	The workers on the site is provided with the required protective equipment such as ear muffs, helmet, etc
G-23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Garland drains with clarifiers have been provided along the lower slopes around the core area to effectively channelize storm water and prevent silt runoff from the quarry area, ensuring proper drainage and environmental protection.

Fig: 9 Garland drains with clarifiers



G-24	The transportation of minerals should be done in covered trucks to contain dust emissions.	Transportation of minerals will be carried out only in covered trucks fitted with tarpaulin sheets to prevent the escape of dust during transit. This will help minimize air pollution, avoid spillage of materials on roads, and ensure safer and environmentally compliant transportation operations.
------	--	---

Fig: 10 Trucks covered with tarpaulin sheets

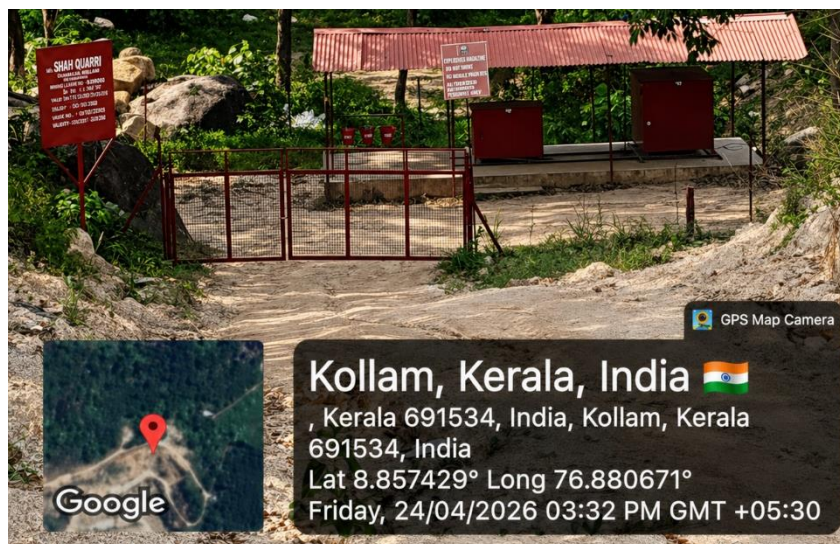


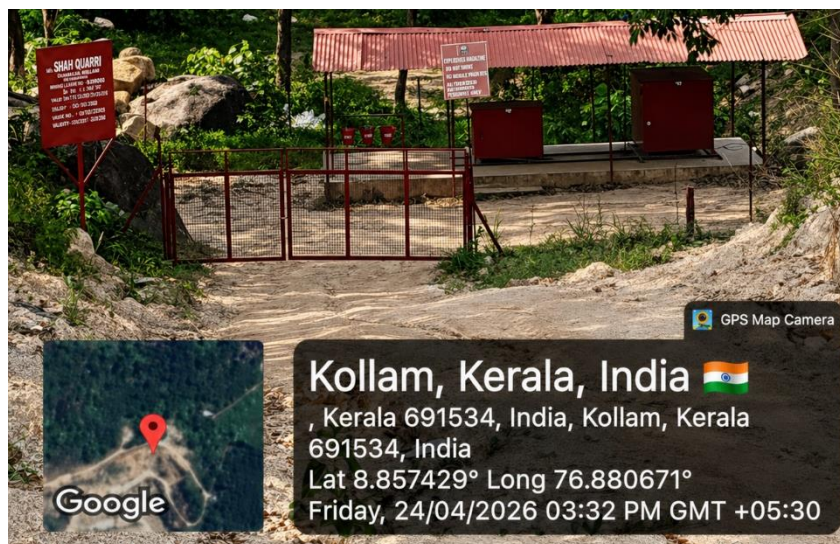
G-25	The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.	The proponent will undertake compensatory plantation by planting at least five times the number of trees lost during land clearing for the project. Native and suitable species will be selected to improve green cover, enhance ecological balance, and support long-term environmental sustainability.
------	---	--

G-26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Scrupulously follows the directions contained.
------	--	--

G-27	Explosives should be stored approved by Explosive Department.	Explosives will be stored only in approved magazines located in isolated and designated places as specified by the Explosives Department. All storage, handling, and safety measures will be carried out strictly in accordance with the rules and guidelines prescribed by the competent authority to ensure safe and secure operations.
------	---	---

Fig: 11 Magazines stored at isolated place



	<p>Fig: 11 Magazines stored at isolated place</p> 	
G-28	<p>A Minimum buffer distance of 100 m from the boundary of the quarry to the nearest dwelling unit or other structure not being any facility for mining shall be provided.</p>	<p>Scrupulously follows the directions contained</p>
G-29	<p>100 m buffer distance should be maintained from forest boundaries.</p>	<p>Scrupulously follows the directions contained.</p>
G-30	<p>Consent from Kerala State Pollution, Control Board under Water and Air (Acts) should have been obtained before initiating mining activity.</p>	<p>Pollution control board license is attached as annexure 6.</p>
G-31	<p>All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.</p>	<p>Explosives license is attached as annexure 3.</p>
G-32	<p>In the case of any change(s) in the scope of the project, extent quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which only the EC is issued. The projects would require a fresh appraisal by this authority, for</p>	<p>The proponent is aware of the directions contained and will ensure strict compliance with all prescribed conditions, guidelines, and statutory requirements.</p>

	which the proponent shall apply and get the approval of this Authority.	
G-33	The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act,1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	All the safeguard measures are done as per Environment (Protection) Act, 1986.
G-34	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act,1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Scrupulously follows the directions contained.
G-35	The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper)shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Environment Impact Assessment Authority(SEIAA) office and may 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	The project was advertised in the local newspaper, and a copy of the same is attached herewith as Annexure No. 9.

	within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.	
G-36	A copy of the clearance letter shall be sent by the proponent to concerned GramaPanchayat/ District Panchayat/ Municipality/ Corporation/ Urban Local Body and also to the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The Environmental clearance shall also be put on the website of the company by the proponent.	Scrupulously follows the directions contained.
G-37	The proponent shall submit half yearly reports on the status of compliance of the stipulated EC Conditions including results of monitored data (both in hard copies as well as by email) and upload the Status of compliance of the stipulated EC conditions, including results of monitored data on their website. It shall simultaneously be sent to the respective Regional office of MoEF, Govt.of India and also to the State Environment Impact Assessment Authority (SEIAA) Office	Half-yearly compliance reports of stipulated EC conditions, including monitored data, will be submitted by email, uploaded on the official website, and simultaneously forwarded to the Regional Office of MoEF and SEIAA Office.
G-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	The conditions of Environmental Clearance are prominently displayed in a metallic board.

board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.

Fig: 12 Photographs of Environmental Clearance displayed in a metallic board



G-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.

The proponent has provided a notarized affidavit indicating the number and date of the Environmental Clearance proceedings, confirming that all stipulated EC conditions have been scrupulously followed, and the same is attached as Annexure No. 1.

G-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.

Is fully aware of the directions contained in the Environmental Clearance and other statutory approvals and undertakes to strictly comply with all prescribed conditions, guidelines, and regulatory requirements

G-41 The project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.

Ensured that no natural water course and/or water resources were obstructed due to any mining operations.

G-42	Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places loading and unloading points & transfer point to reduce fugitive emissions.	Scrupulously follows the directions contained as per the conditions.
G-43	The top soil, if any, shall temporarily be stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dumpsite(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of 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 the vegetation becomes self-sustaining.	Scrupulously follows the directions contained as per the conditions.

Figure 13 : Photograph of the OB Dump area



<p>G-44</p>	<p>Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly in to the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.</p>	<p>Scrupulously follows the directions contained.</p>
<p>G-45</p>	<p>Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM10 and PM2.5 such as haul road, loading and unloading points and transfer points-it shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.</p>	<p>Scrupulously follows the directions contained and ensured that the Ambient Air Quality parameters Conform to the norms prescribed by the Central Pollution Control Board in this regard.</p>

G-46	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained	Fugitive dust emissions from all sources will be controlled regularly by providing and properly maintaining water spraying arrangements on haul roads, loading and unloading areas, and transfer points to minimize dust generation and ensure effective pollution control.
------	--	---

Figure 14 : Photograph of water spraying on haul roads



G-47	Measures should be taken for control of noise levels below 85DbA in the work environment.	Measures have been taken for the control of noise levels below 85DbA in the work environment.
G-48	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	A separate environmental management cell with suitable qualified personnel has been set-up under the control of a Senior Executive, who will report directly to the Head of the Organization. Details of EMC is attached as annexure 10.

G-49	The funds earmarked for environmental protection measures and CSR activities should be kept in separate account and should not be diverted for other purposes. Year wise expenditure should be reported to the State Environment Impact Assessment Authority (SEIAA) office.	The funds earmarked for environmental protection measures and CSR activities are being kept in separate account and have not been diverted for other purposes. Year wise expenditure will be reported to the State Environment Impact Assessment Authority (SEIAA) office.
G-50	The Regional office of MOEF &CC located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(S) of the Regional Office by furnishing the requisite data/information/monitoring reports.	The Regional office of MOEF &CC located at Bangalore will monitor compliance of the stipulated conditions. The project authorities will extend full cooperation to the officer(S) of the Regional Office by furnishing the requisite data/information/monitoring reports.
G-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.	Strictly follow the rules and Scrupulously follows the directions contained.
G-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	Strictly follow the rules, if any factual data is concealed or false/fabricated data is submitted and failure to comply with any of the conditions mentioned above is found.

G-53	The SEIAA may revoke or suspend the order, for non-implementation of any of the specific or this implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	SEIAA can revoke any order if any of the specific or this implementation of any of the above conditions is not satisfactory.
G-54	The above conditions shall prevail not withstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.	Yes, all the above conditions shall prevail notwithstanding anything contrary, inconsistent, or simplified in any other permit, license, or consent issued by any other authority for the same project.
G-55	This order is valid for a period of 5 years or the expiry date of mine lease period issued by the Government of Kerala, whichever is earlier.	Yes, this order is valid for a period of 5 years or the expiry date of mine lease period issued by the Government of Kerala, whichever is earlier.
G-56	The Environmental Clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.	Yes, the Environmental Clearance is subjected to the final order of the courts in any pending litigation related to the land or project, in any court of law.
G-57	The mining operation shall be restricted to above ground water table and it should not intersect ground water table.	The mining operation has been restricted to above ground water table and it will not intersect ground water table.

G-58	All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution taking center. Washing of all vehicles shall be inside the lease area.	All vehicles used for transportation and operation within the mine shall possess valid PUC certificates issued by authorized pollution testing centers. Vehicle washing will be carried out only within the lease area to ensure proper environmental management and compliance.
G-59	Project proponent should obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and ground water for the project.	Scrupulously follows the directions contained.
G-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.	Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area will be carried out and reported in the six monthly reports to SEIAA .
G-61	Occupational health surveillance program of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Occupational health surveillance program of the workers will be done periodically to observe any contractions due to exposure to dust and corrective measures will be taken, if needed.

The Environmental Clearance is revalidated for a project life of 12 years from the date of the original EC dated 01.06.2016, subject to review by SEAC every five years to assess compliance and environmental impacts. The Project Proponent shall strictly adhere to all conditions stipulated in the original EC, along with the General and Additional Specific Conditions imposed. The additional specific conditions mentioned in revalidated EC is appended below.

**C. ADDITIONAL SPECIFIC CONDITIONS**


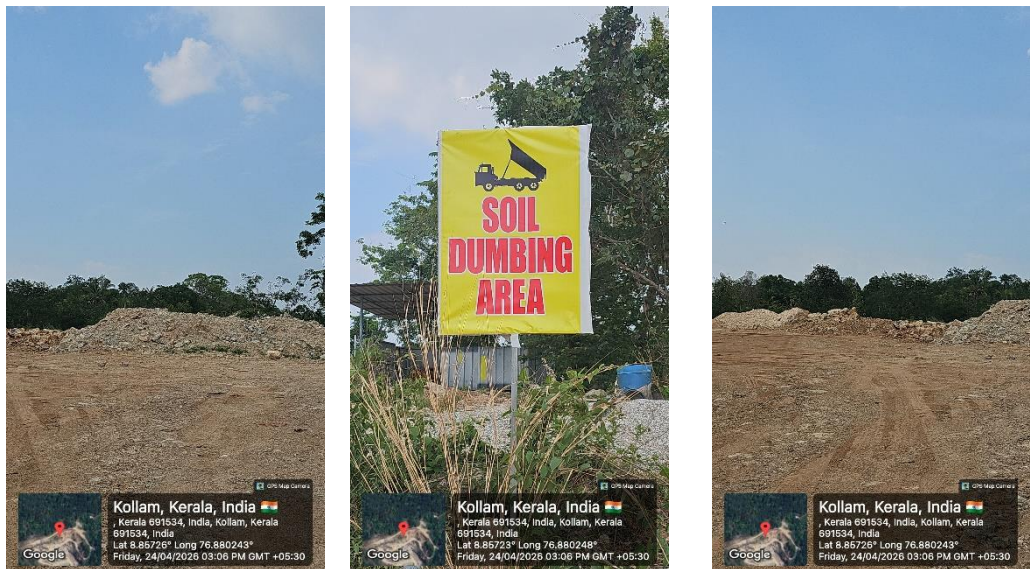
ITEM NO	STIPULATIONS IN EC	STATUS OF COMPLIANCE
AS-1	The green belt development in the buffer should be done in the first year itself and should be nurtured and maintained in subsequent years.	Some avenue trees have already been planted along the roadside. The green belt in the buffer area will be developed after the summer season and will be properly maintained throughout the quarrying period.
<p>Figure 15 : Photograph of the Avenue trees</p> 		
AS-2	The garland canal, silt traps Station pond and outflow channel should be desilted periodically to avoid obstruction in overland drainage	Garland drains with clarifiers have been provided along the lower slopes around the core area for proper channelization of storm water and prevention of silt runoff from the quarry area. The drains are periodically cleaned and maintained to avoid blockage, water stagnation, and accumulation of waste or vegetation, ensuring effective drainage and environmental protection.

Fig: 16 Garland drains with clarifiers



AS 3	Measures incorporated in the CER should be implemented in total as proposed.	Scrupulously follows the directions contained.
AS 4	The proponent should carry out OB-dump grading (slope reduction) and terracing with stabilization by planting vetivers. A protection gabion wall should also be provided as required at the lower portion.	Topsoil and overburden are stored at the designated lower slope area away from the active working zone, with adequate retaining walls provided to prevent erosion and ensure stability. Terracing and stabilization by planting vetiver grass will be carried out. Proper signboards have also been installed for clear demarcation of the storage area.

Figure 17 : Photograph of the OB Dump area



AS 5	The site for dump 3 is sharing a boundary with the natural canal. A proper protection wall sinned be made to chump 3 to prevent OB and soil from reaching the stream.	Scrupulously follows the directions contained.
AS6	The proponent should provide proper embankment protection for the stream from the beginning of dump 3 on north east side of the project site till the end of the project boundary.	Scrupulously follows the directions contained.
AS 7	The OB dumpsite as pointed out by SEAC should be shifted to the lower elevation.	Topsoil and overburden are stored at the designated lower slope area away from the active working zone, with adequate retaining walls provided to prevent erosion and ensure stability. Proper signboards have also been installed for clear demarcation of the storage area.
AS 8	The proponent should provide protective fencing to the quarry pit.	Scrupulously follows the directions contained.

നോൺ ജുഡീഷ്യൽ

NON JUDICIAL

₹200

₹200



കേരള സർക്കാർ  
GOVERNMENT OF KERALA

e-Stamp

e-Stamp Serial Number : 20262700000500112  
 Govt. Reference No.(GRN) : KL0103090193020E2ZE  
 Stamp Paper Reference No. : 2 5623212  
 Amount of Stamp Paper Purchased in Numeral : Two Hundred  
 Amount of Stamp Paper Purchased in Words : Two Hundred  
 Purchase Date and Time : 25/04/2026 16:40:05  
 Stamp Paper Purchased By : SHAJI S MANAGING PARTNER  
 First Party Name : SHAJI S MANAGING PARTNER  
 Second Party Name : SRI. JAYASANKAR MELATHIL VEEDU  
 Vendor Code & Name : KUDAVATTOOR P O  
 Treasury Code & Name : EC OFFICE THIRUVANANTHAPURAM  
 Stamp Duty Paid By : SRI. JAYASANKAR MELATHIL VEEDU  
 Stamp Duty Amount : ₹ 200

Verification Code : 824044979V

Please write or type below this line

I Shaji S , Managing Partner , M/s Sha Quarry, Thekkuvila Melathil Veedu, Kudavattoor P.O, Kottarakara , Kollam District do hereby solemnly affirm and confirm as follows: -

1. That I have proposed a Granite Building Stone quarry which is situated at Block No. 41, Re. Sy.No. 325/5, 325/2, 325/4, 326/1-1, 326/1-2, 326/2, 328/2-2, 328/2-1, 1667 Ha in Kollam District , Kottarakara Taluk, Chadayamangalam Village.
2. 328/2-1, 1667 Ha in Kollam District , Kottarakara Taluk, Chadayamangalam Village.

Signed this before me  
 at my office at Kollam  
 on this the..25..02.20.26.  
 A.P.M.....




Shaji S

**C.C.SURESH KUMAR**  
 Advocate & Notary  
 Reg.No.49/2024/KLM  
 Ph : 9446854040



**JAYASANKAR**  
 Stamp Vendor  
 Chathannoor



This can be verified by [https://estamp.treasury.kerala.gov.in/index.php/estamp\\_](https://estamp.treasury.kerala.gov.in/index.php/estamp_)  
 using e-Stamp Serial Number and Verification Code.

In case of any discrepancy, please inform the competent authority.

2. That I will constitute an Environmental Monitoring cell for out project.
3. That I will provide the systems to minimize dust emissions.
4. That I will provide adequate safety measures for the construction workers during the construction phase.
5. That I will provide green belt species shall be planted in the excavated pit for eco restoration.



Shajis ,

Signed this before me  
at my office at Kollam  
on this the..25.02.20.26.  
APM.....



**C.C.SURESH KUMAR**  
Advocate & Notary  
Reg.No.49/2024/KLM  
Ph : 9446854040



ANNEXURE NO.

Validity expires on 31-05-2016



सत्यमेव जयते



**Proceedings of the State Environment Impact Assessment Authority  
Kerala**

*Present: Prof. (Dr.) K.P. Jay, Chairman, Dr. J. Subhashini, Member and Sri. P. Mara Pandiyan I.A.S  
Member Secretary.*

**Sub:** Environmental clearance for the building stone quarry project in  
Sy.No. 328/2-1, 2-2, 3,6, 326/1-2,1-1,2, 325/2,4,5, 301/34,37 at  
Chadayamangalam village, Kottarakkara (Taluk), Kollam district, Kerala by  
Sri. Shaji. S- E.C Granted- Orders issued

**State Environment Impact Assessment Authority, Kerala**

**No. 752/SEIAA/KL/301/2015**

**Dated: Thiruvananthapuram 01-06-2016**

- Ref:**
1. Application dated 24/01/2015 from Sri. Shaji.S, Thekkuvilamelathil, Kudavattoor (P.O), Kottarakkara (Taluk), Kollam
  2. Minutes of the 48<sup>th</sup> meeting of SEAC held on 29/30-9-2015.
  3. Minutes of the 53<sup>rd</sup> meeting of SEAC held on 6<sup>th</sup>- 7th April, 2016.
  4. Minutes of the 52<sup>nd</sup> meeting of SEIAA held on 29-4-2016.

**ENVIRONMENTAL CLEARANCE NO. 83 / 2016**

Sri. Shaji. S. Thekkuvilamelathil, Kudavattoor (P.O), Kottarakkara (Taluk), Kollam vide his application dated 24/01/2015, has sought Environmental Clearance under EIA Notification, 2006 for the granite building stone open cast quarry is proposed by Shah Quarry in Sy. No. 328/2-1, 2-2, 3,6, 326/1-2,1-1,2, 325/2,4,5, 301/34,37 at Chadayamangalam village, Kottarakkara (Taluk), Kollam district, Kerala for an area of 3.43.10 ha. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dt. 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.



**BASIC INFORMATION OF THE PROJECT**

<b>Name of project</b>		Building stone quarry , Chadayamangalam	
<b>Category/Subcategory &amp; Schedule</b>		B - 2 category ( <25 hectares minor mineral )	
<b>Location Sy no/ district, Taluk/ village etc.</b>		Sy.No : 328/2-1Pt, 328/2-2Pt, 328/3,326/1-1, 326/1-2,326/2Pt, 325/2,325/4,325/5. <b>Village : Chadayamangalam Taluk : Kottarakkara District : Kollam.</b>	
<b>GPS co-ordinates</b>		<b>Latitude (N)</b>	08°51'17.6" To 08°51'31.2"
		<b>Longitude (E)</b>	76°52'43.1" To 76°52'54.1"
<b>r Mining projects</b>	<b>Extent of area (in hectares)</b>	3.43.10 ha	
	<b>Minimum and maximum height of excavation (MSL)</b>	115 MSL maximum level, 85 MSL minimum level, Avg Depth 30mtr.	
	<b>Life of mine proposed</b>	14 Years	
	<b>Ultimate depth of mining (in MSL)</b>	85 MSL (Avg 30 mtr Depth from OGL)	
	<b>Distance from the adjacent quarry</b>	Nil. Away from 500 mtr	
	<b>Capacity of production</b>	75,000 Tonnes Per Annum	
	<b>Details of project cost</b>	Rs 75 Lakhs	
<b>CRZ recommendations</b>		Not Applicable	
<b>Forest clearances</b>			
<b>Does it attract violation proceedings</b>		Nil	
<b>Envr Mgmt plan/ Eco restoration plan (brief details)</b>		<b>MANAGEMENT PLAN:</b>	
		<b>Air pollution</b>	Quarry operation will produce dust and will pollute the air  Dust will be arrested at the dust arising places itself with frequent water sprinkling.



	Water pollution	There will be no change in the existing drainage system due to the proposed quarrying activities. No change in the existing status is envisaged. Necessary control measures like chlorination etc in the well will be made.
	Noise	To keep the noise level under control within the limits, proper maintenance of these machines will be done.
	Solid Waste Management	Total quantity of Top soil 55,805 Tonne & quantity of Overburden 54,529 Tonns will be handled during the life of the mine.  Top soil will be used for plantation and the waste rock will be used for refilling, leveling of roads. It will be temporarily dumped in Southern side of the Lease Area
	Eco restoration	To maintain Eco restoration, periodical afforestation and maintenance of the plantation will be made, rain harvesting and dust controlling will be done. Mining will be carried by Eco-friendly method.
<b>ABOUT THE PROJECT</b>		
<b>WATER</b>		
Water requirement & sources	1.00 KLD domestic 4.00 KLD Dust control Plantation . 5.00 KLD Source : dug well and rain water collection	
RWH units proposed	Rain water harvesting ponds proposed during post mining extending over an area of 0.39.00 hector in the bottom level of mining Pit and 0.03.00 hect outside the Lease area.	
Facilities for liquid waste treatment	Liquid waste from toilet and office, will be treated in septic tank and soak pit	
Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	Nil	
Water quality meeting requirements	As per rules applicable	
Does it have provisions for use of recycled water	Not applicable	
<b>LAND</b>		
Proximity to forest lands	Nil, as stated by proponent	



Access road to the site Width & Condition	Access Road is starting from Kadannur to Ayoor road at a distance of 150 m. The access road is being maintained 7.0 width for the movement of trucks.
Storage of explosives hazardous substances	The company has obtained explosive licences for magazines. Explosives will be procured, stored, transported, handled and used in accordance with Indian Explosives Rules 2008, Mines Act 1952 and regulations there under.
Facility for solid waste mgmt	Solid waste will be used for leveling, paving of roads, owner's construction works Solid waste will be stored temporarily on the Western side over an extent of 0.18.00 hectare in Applicant's Own Land.
Topographic features/ slope	Topographically the area is an undulating hill with slope towards south. The charnockite rocks are occurring in a massive form in the entire regional areas with a general strike of NE/SW Length of the deposit : 295 mtr Width of the deposit : 200 mtr
Proneness of the area for landslides	Nil
<b>AIR</b>	
Air quality meeting requirements	As per the rules applicable
Noise level meeting requirements.	As per rules applicable
Likely emissions affecting environment	Due to quarry activity and operation of transport vehicle, generation of dust, noise is likely to arise.  The mitigative measures proposed in EMP will be implemented.
<b>ENERGY</b>	
Energy requirement	Power supply is required for office, workshop, canteen, will be drawn from KSEB. Quarry machines are by diesel operated. About 80 litres of diesel is required per day.
Energy sources	KSEB
Extent of usage of alternative energy resources	Generator
<b>BIODIVERSITY</b>	
Presence of any endangered species or red listed category	There are no endangered or rare species in the area.
Loss of native species and genetic diversity	There will not be any loss of native species of genetic diversity by the quarry operation. The company will maintain eco restoration program in the surrounding area.
Likely displacement of fauna	Nil, as stated as proponent



Any introduction of alien / invasive species	Nil, as stated as proponent
<b>SOCIAL ASPECTS</b>	
Proximity to nearest habitation	102 m from Lease Boundary (house)
CSR related to the project/ allocation/ time frame (details mandatory)	Common facilities and social activities will be sponsored
<b>GENERAL</b>	
Biomedical waste management	Not applicable
E-waste management	Not applicable
Sufficiency of parking spaces/ traffic management	Sufficient
Litigation/court cases, if any, against the project (provide details)	Nil, as reported
Right & nature of ownership of land	Company owned Patta Land
Is the property forest land/govt. land/own land	Company owned Patta Land
Details of Authorised Signatory	Shri. Shaji.S - (Managing Partner), Shah Quarry, Thekkuvila melathil, Kadavattor (P.O), Kottarakkara Taluk, Kollam District- 691 512 Phone No : 9447556432 Email : shaji6460@gmail.com

2. The proposal was considered in the 48<sup>th</sup> meeting of the SEAC held on 6<sup>th</sup> and 7<sup>th</sup> November, 2015. In the said meeting, it was decided to defer the proposal for filed inspection and submission of following documents:

1. Detailed route map should be provided
2. Biodiversity details of the area with IUCN status of each of the species
3. The original cadastral map certified by village officer

4. A more realistic need based CSR proposal.

The proponent has accordingly submitted the details/above said documents sought by the SEAC. The site inspection was completed on 13.01.2016 by the subcommittee comprised of Dr. K. Harikrishnan and Sri. John Mathai. The Proponent with his representatives were present at the site at the time of site visit.

*"The project is an active quarry located near Kuriyode on the MC road. This quarry lease area of 4.6725 ha falling partly in own land and partly in government land occupy the elevated part of a gently undulating area. Boundary pillars are erected and numbered displaying GPS values. The rock type is a mixture of gneiss and charnockite. The removed OB from the existing quarry is stocked at convenient places based on the place of excavation. RWH structures are not seen. A seasonal stream is seen by the side of the quarry land with both flanks owned by the proponent. Rubber is the dominant landuse. Floral and faunal biodiversity is not observed as the area is cleared for rubber. Dwelling units are seen in the immediate vicinity but beyond 100 m. Two buildings within 100 m are used as office and other facilities for workers. The documents regarding NOC for Govt land has not been verified.*

*Based on an overall evaluation of the site, the quarry operations may be recommended with following conditions:*

- 1. Fencing should be provided all around the lease area.*
- 2. Top soil and Over burden should be stored in a designated place on the lower slope away from the working area and provided with protective support walls.*
- 3. Ultimate depth of mine must be limited to the stream bed level seen in the vicinity.*
- 4. The seasonal stream should be provided with protective embankments to prevent entry of quarry waste. It should also be provided with low level check dams at least at two places to arrest silt being washed downstream. Periodic desiltation is essential.*
- 5. The approach road is narrow and presently not maintained for movement of heavy vehicles. This should be taken up on priority basis.*
- 6. The CSR activity needs revision".*

3. The proposal was placed before 53<sup>rd</sup> SEAC for appraisal. The Committee further appraised the proposal in the light of the field inspection report. It was found that there is a case of violation. It was decided to recommend for issuance of EC after completing action against violation subject to the following specific conditions in addition to general conditions applicable for mining proposals.

1. Fencing should be provided all around the lease area.
2. Top soil and Over burden should be stored in a designated place on the lower slope away from the working area and provided with protective support walls.
3. Ultimate depth of mine must be limited to the stream bed level seen in the vicinity.
4. The seasonal stream should be provided with protective embankments to prevent





- entry of quarry waste. It should also be provided with low level check dams at least at two places to arrest silt being washed downstream. Periodic desiltation is essential.
5. The approach road is narrow and presently not maintained for movement of heavy vehicles. This should be taken up on priority basis. CSR activity must be submitted before the Authority.

Authority decided to accept the recommendations of SEAC in para 3 except that on violation proceedings and to grant E.C subject to production of revised CSR undertakings, and the above specific conditions in addition to the general conditions.

5. State Environmental Impact Assessment Authority Kerala hereby grant environmental clearance to the proposed quarry project by Sri. Shaji. S, Thekkuvilamefathil, Kudavattoor (P.O), Kottarakkara (Taluk), Kollam Sy. No. 328/2-1, 2-2, 3,6, 326/1-2,1-1,2, 325/2,4,5, 301/34,37 at Chadayamangalam village, Kottarakkara (Taluk), Kollam district, Kerala for an area of 3.43.10 ha subject to the specific conditions given in para 3 above and the general conditions in the appendix.
6. The clearance issued will also be subject to full and effective implementation of all the undertakings given in the application form, mitigation measures in the Environment Management Plan in Chapter 2 of the Pre-Feasibility Report and the mining features including progressive mine closure plan as submitted with the application and relied on for grant of this clearance. The above undertakings and the conditions and undertakings in Chapter 4 (Mining), Chapter 5 (Blasting) Chapter 6 (Mine Drainage), Chapter 7 (other permanent structures), Chapter 9 (Environment Management plan), Chapter 10 (Progressive Mine Closure Plan) of the Mining Plan as submitted will be deemed to be part of this proceedings as conditions as undertaken by the proponent, as if incorporated herein. As regards the recommendation for violation proceedings, it is a working quarry with lease/permit, the decision of the Hon. Supreme Court in S.L.P.No. 30103/ 15 (to maintain status quo) will apply. E.C was made applicable to mining of minerals in areas less than 5 ha, only in pursuance of the order dated 27.2.2012 of the Hon. Supreme Court case in Deepak Kumar VS state of Haryana. The extent in this being less than 5 ha violation proceedings based on working with out EC can be initiated.
7. Validity of the environmental clearance will be five years from the date of this clearance, subject to earlier review in the event of genuine complaint from anybody from the safety area or violation or non- compliance of any of the conditions stipulated herein.
8. Compliance of the conditions herein will be monitored by the Authority or its agencies and also by the regional office of the Ministry of Environment & Forests, Govt. of India, Bangalore.
- i) Necessary assistance for entry and inspection should be provided by the project proponent and those who are engaged or entrusted by him to the staff for inspection or monitoring.

- ii) Instances of violation if any shall be reported to the District Collector, Kollam to take legal action under the Environment (Protection) Act, 1986.
- iii) The given address for correspondence with the authorized signatory of the project Sri. Shaji. S. Thekkuvilamelathil, Kudavattoor (P.O), Kottarakkara (Taluk), Kollam

P. Mara Pandiyan, I.A.S  
Member Secretary (SEIAA)  
&

Additional Chief Secretary to Government  
Environment & Forest Department  
Government of Kerala.



To

✓  
Sri. Shaji. S. Thekkuvilamelathil,  
Kudavattoor (P.O), Kottarakkara (Taluk),  
Kollam

Copy to,

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wing, II Block, Koramangala, Bangalore-560034.
2. The Additional Chief Secretary to Government, Environment Department, Government of Kerala.
3. Director, Mining & Geology, Thiruvananthapuram -4.
4. District Collector, Kollam
5. Secretary, Chadayamangalom Grama Panchayath Kottarakkara P.O., Kollam
6. Chairman, SEIAA.
7. Website.
8. S/f
9. O/c

Forwarded/ By Order

Administrator,

SEIAA





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

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

**Sub:- SEIAA –Environmental Clearance for the Quarry project in Survey No. 328/2-1, 2-2, 3,6, 326/1-2,1-1,2, 325/2,4,5, 301/34,37 at Chadayamangalam Village, Kottarakara Taluk, Kollam District to Sri. Shaji. S – Revalidation - Granted – Orders issued.**

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

**File No. 752/SEIAA/KL/301/2015**

**dated :16.07.2022**

- Ref: 1. Environmental Clearance Order No. 752/SEIAA/KL/301/2015 dated 01.06.2016  
2. Judgment of the Hon'ble High Court dated 02.11.2020 in WP(C) No.11106 of 2020 (K)  
3. Minutes of the 127<sup>th</sup> meeting of SEAC held on 28<sup>th</sup> to 30<sup>th</sup> April 2022  
4. Minutes of the 114<sup>th</sup> meeting of SEIAA held on 25<sup>th</sup>, 26<sup>th</sup> May & 01<sup>st</sup> June 2022  
5. G.O(Rt.) No.29/2019/Envt dt.12.04.2019

**ORDER**

Vide paper read 1<sup>st</sup> above, Environmental Clearance for a period of 5 years was issued to the Quarry Project of Sri. Shaji. S in Survey No. 328/2-1, 2-2, 3.6, 326/1-2,1-1,2, 325/2.4.5, 301/34.37 Chadayamangalam Village, Kottarakara Taluk, Kollam District, Kerala.

2. Vide Judgment read paper 2<sup>nd</sup> above, the Hon'ble High Court disposed off the Writ Petition by directing the regulatory bodies concerned to call for additional recommendations from the appraisal committees after estimating the life of the project of the





petitioner in respect of which EC had been issued, and there upon re-validated to the petitioner.

3. In the 127<sup>th</sup> meeting of SEAC held on 28<sup>th</sup> & 30<sup>th</sup> April 2022, based on detailed verification of FIR, documents and deliberations, the Committee recommended revalidation of EC with a project life of 12 Years from the date of issuance of first EC (01.06.2016) with certain Specific Conditions in addition to the General Conditions:

4. The 114<sup>th</sup> SEIAA meeting held on 25<sup>th</sup>, 26<sup>th</sup> May & 01<sup>st</sup> June 2022, the Authority decided to revalidate the EC initially for a period of 5 years and extend the EC period to cover Project Life of 12 years, from the date of issuance of original EC (01.06.2016) subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has caused any damage to the Environment in the Project Region by violating any EC conditions.

The revalidation of EC is subject to Terms and Conditions in the original EC in addition to the General Conditions and the following Additional Specific Conditions.

1. *The green belt development in the buffer should be done in the first year itself and should be nurtured and maintained in subsequent years*
2. *The garland canal, silt traps, siltation pond and outflow channel should be desilted periodically to avoid obstruction to overland drainage.*
3. *Measures incorporated in the CER should be implemented in total as proposed.*
4. *The proponent should carry out OB dump grading (slope reduction) and terracing with stabilization by planting vetivers. A protection gabion wall should also be provided as required at the lower portion.*
5. *The site for dump 3 is sharing a boundary with the natural canal. A proper protection wall should be made to dump 3 to prevent OB and soil from reaching the stream.*
6. *The proponent should provide proper embankment protection for the stream from the beginning of dump 3 on north east side of the project site till the end of the project boundary.*
7. *The OB dumpsite as pointed out by SEAC should be shifted to the lower elevation.*
8. *The proponent should provide protective fencing to the quarry pit.*

5. In this circumstance, Environmental Clearance issued vide paper 1<sup>st</sup> above is hereby revalidated initially for a period of 5 years for the quantity mentioned in the approved Mining



Plan to be extended to cover project life of 12 years, from the date of issuance of original EC i.e 01.06.2016., subject to the review by SEAC at the end of every five years to verify whether the Project Proponent has caused any damage to the Environment in the project region by violating any EC conditions. The revalidation of Environmental Clearance is accorded subject to the Terms and Conditions mentioned in the original EC in addition to the General Conditions and the additional Specific Conditions mentioned in Para 4 above. The Project Proponent shall ensure that no violation of EC conditions takes place during the revalidation period of EC.

6. The Half Yearly Compliance Report (HYCRs) with its contents, covering letter, compliance report and environmental monitoring data have to be uploaded in the PARIVESH portal and the website of the proponent. The compliance report with the name of the project, EC No. and date, period of submission should be sent to the Regional Office of MoEF & CC by e-mail only at email ID [rosz.bng-mefcc@gov.in](mailto:rosz.bng-mefcc@gov.in). Hardcopy of HYCRs shall not be acceptable.

Administrator, SEIAA  
For Member Secretary, SEIAA

To.

Sri. Shaji S  
Managing Partner  
Thekkuvila Melathil  
Kadavattoor P.O  
Kottarakara, Kollam  
Kerala 691512



Copy to

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wing, II Block, Koramangala, Bangalore-560034.(through e-mail: [rosz.bng-mefcc@gov.in](mailto:rosz.bng-mefcc@gov.in))
2. The Additional Chief Secretary to Government, Environment Department, Government of Kerala
3. The Director, Directorate of Environment & Climate Change, 4th Floor KSRTC Bus Terminal, Thampanoor, Thiruvananthapuram, Kerala 695001.

4. The District Collector, Kollam
5. The Director, Mining & Geology, Thiruvananthapuram -4.
6. The Member Secretary, Kerala State Pollution Control Board
7. The District Geologist, Kollam
8. The Tahsildhar, Kottarakara Taluk, Kollam District
9. The Secretary, Chadayamangalam Grama Panchayath, Kollam
10. The Chairman, SEIAA.
11. Website.
12. S/f
13. O/c





भारत सरकार | Government of India

वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce &amp; Industry

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

पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives

A और D - विंग, ब्लॉक 1-8, दूसरा तल, शास्त्री भवन | A &amp; D - Wing, Block 1-8, IInd Floor, Shastri Bhavan

26 हड्डोउस रोड, नुंगम्बक्कम चेन्नै | 26 Haddous Road, Nungambakkam Chennai 600006

फोन (Phone):- 28281023 | फैक्स (Fax):- 28284848

संख्या (No.): E/SC/KL/22/1599(E67232)

दिनांक (Date): 24/04/2024

सेवा में | To,

M/s. SHAH QUARRY,  
Thekkuvila Melathil Veedu, Kudavattoor Post, Town/Village - Kottarakkara T.K  
District-KOLLAM, State-Kerala, Pincode - 691512

विषय: Survey No.301/37, ग्राम Chadayamangalam(v) Kottarakkara Tk, Kollam Dt, जिला KOLLAM, राज्य Kerala में मेसर्स M/s. SHAH QUARRY द्वारा विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/1599(E67232) के संशोधन संदर्भ में।  
( डाक पते में परिवर्तन अरेखण / सुविधाएं / परिसर में परिवर्तन प्राधिकृत अभिकर्ता / अतिषता / Partner में परिवर्तन)

Subject: Possession for Use of Explosives from magazine situated at Survey No.:301/37, Chadayamangalam(v) Kottarakkara Tk, Kollam Dt, Dist. KOLLAM, Kerala -Licence No.: E/SC/KL/22/1599(E67232) granted in Form LE-3 of Explosives Rules, 2008 -  
( Change in Postal Address Amendment in Drawings/Facilities/Premises Change in Authorized Signatory/Occupier/Partner).

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या 119435 दिनांक 24/04/2024 का संदर्भ ग्रहण करें।

Please refer to your letter no. 119435 dated 24/04/2024.

अनुज्ञप्ति संख्या E/SC/KL/22/1599(E67232) डाक पते में परिवर्तन अरेखण / सुविधाएं / परिसर में परिवर्तन प्राधिकृत अभिकर्ता / अतिषता / Partner में परिवर्तन के संदर्भ में यथा संशोधित कर भेजी जा रही है।

The Licence No.: E/SC/KL/22/1599(E67232) is forwarded herewith duly amended in respect of followings ;

Change in Postal Address as above Drawings/Facilities/Premises Change in Authorized Signatory/Occupier/Partner

लाइसेंस रिकॉर्ड में प्राधिकृत अभिकर्ता / अतिषता / Partner के नाम इस प्रकार हैं।

The following are the names of the Authorized Signatory/Occupier/Partner in the licence records.

क्र   No	नाम   Name
1)	S. Shaji (Authorized Signatory)
2)	S. Shaji (Occupier)
3)	S.Nizarudheen (Partner)
4)	M.Rasheed (Partner)

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	300	Kg.
2	Safety Fuse	6	1	0	2000	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) : 30 गुना

Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)] : 30 times as above.

यह अनुज्ञप्ति दिनांक 31 मार्च 2029 तक प्रवृत्त रहेगी।

This Licence shall remain valid till 31st day of March 2029.

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

(डा.टी.एल.थनुलिंगम | Dr. T. L. THANULINGAM)

संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of Explosives

दक्षिणांचल, चेन्नै | South Circle, Chennai

प्रतिलिपि प्रेषित | Copy Forwarded to:

- उप मुख्य विस्फोटक नियंत्रक कोच्ची  
The Dy. Chief Controller of Explosives, Kochi
- District Magistrate, KOLLAM, Kerala with reference to his Noc No: DDis-80497/18/m7 Dated: 15/10/2018
- Superintendent of Police, KOLLAM, Kerala.

संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of Explosives

दक्षिणांचल, चेन्नै | South Circle, Chennai

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क आदि के लिए हमारी वेबसाइट <http://peso.gov.in> देखें।)

(For more information regarding status,fees and other details please visit our website <http://peso.gov.in>)

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

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

अनुज्ञापि सं. (Licence No.) : E/SC/KL/22/1599(E67232)

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

1. Licence is hereby granted to

M/s. SHAH QUARRY (अधिभोगी / Occupier : S. Shaji), Thekkuvila Melathil Veedu, Kudavattoor Post, Town/Village - Kottarakkara T.K, District-KOLLAM, State-Kerala, Pincode - 691512



को अनुज्ञापि अनुदत्त की जाती है।

2. अनुज्ञापिधारी की प्रास्थिति | Status of licensee : Partnership Firm

3. अनुज्ञापि 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. अनुज्ञापि 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	300 Kg.
2.	Safety Fuse	6,1	0	2000 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 अनुज्ञापि के लिए]

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

30 times  
as above.

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

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

रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1599(E67232)

दिनांक (Dated) 24/04/2024

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

Survey No. 301/37, ग्राम (Town/Village) : Chadayamangalam, Kottarakkara Tk, Kollam Dt  
पुलिस थाना (Police Station) : Chadayamangalam

जिला (District) KOLLAM राज्य (State) Kerala पिनकोड (Pincode) 691506  
दूरभाष (Phone) 99447093231 ई. मेल (E-Mail) फैक्स (Fax)

7. अनुज्ञापि परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

The licensed premises consist of following facilities.

D type(Sl.No.536), D (813) and one B type(Sl.No.15) portable magazines fabricated by M/s Thekkans Engg and Fabrication Works, Ernakulam, Kerala.

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

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

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

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

2. अनुज्ञापि प्राधिकारी द्वारारा हस्ताक्षरित इस अनुज्ञापि की शर्तों और अतिरिक्त शर्तों।

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

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

9. यह अनुज्ञापि तारीख 31 मार्च 2014 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2014.

यह अनुज्ञापि, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञापि की शर्तों का अधिक्रमण करने या यदि अनुज्ञापित 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 - 04/10/2013

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

Amendments :

- Amendment in Drawings/Facilities/Premises dated : 09/05/2023
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 09/05/2023
- Change in Authorized Signatory/Occupier/Partners/Directors dated : 24/04/2024
- Change in Postal Address dated : 24/04/2024
- Amendment in Drawings/Facilities/Premises dated : 24/04/2024

Transfers :

- Change in Licensee Name/Address/Status dated : 23/04/2024

नवीनीकरण के पृष्ठांकन के लिए स्थान

Space for Endorsement of Renewal

नवीकरण की तारीख  
Date of Renewal

समाप्ति की तारीख  
Date of Expiry

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

09/04/2024

31/03/2029

Sd/-

Dy. Chief Controller of Explosives, Ernakulam

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

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

मैगजीन में वर्ग 1,2,3,4,5,6, और 7 के विस्फोटकों को बिक्री या प्रयोग हेतु रखने के लिए प्ररूप एल.ई. 3 [अनुच्छेद 3 (ख) से (ग)] में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक द्वारा प्रदान किए जाने वाले अनुज्ञप्ति सं. E/SC/KL/22/1599(E67232) की शर्तें निम्नलिखित हैं।

The following are the conditions of licence number E/SC/KL/22/1599(E67232) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c)) granted by Chief controller of Explosives or Controller of Explosives.

- परिसर में किसी भी समय विस्फोटकों की मात्रा अनुज्ञापन योग्य सामर्थ्य से अधिक नहीं होगी।  
The quantity of explosives on the premises at any one time shall not exceed the licensable capacity.
- विस्फोटकों के भंडारण के लिए प्रयुक्त होने वाली मैगजीन अनुसूची III और अनुज्ञप्ति के उपाबंध में विनिर्दिष्ट सुरक्षा दूरी बनाए रखना होगा।  
The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to the licence.
- मैगजीन का प्रयोग उन सभी विस्फोटकों के, जो इस अनुज्ञप्ति में विनिर्दिष्ट है, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं।  
The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
- पैकजों को खोलने का कार्य और विस्फोटकों को तौलने तथा पैक करने का कार्य मैगजीन में नहीं किया जाएगा।  
The opening of packages and the weighing and packing of explosives shall not be carried on in the magazine.
- दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर पृथक कर दिया जाए कि किसी वजह से विस्फोटक में लगने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटक तक न पहुंच सके : परंतु –  
(घ) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पलीते और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेरक पलीते, जिनमें कोई खुला लोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थायन के रखे जा सकते हैं।  
(ङ) वर्ग 6 प्रभाग 3 के अंतर्गत आनेवाले विस्फोटक प्रेरक अलग रखे जाएंगे।  
(च) वर्ग 1 के अंतर्गत आने वाले बारूद को अलग रखा जाएगा।  
Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other; Provided that—  
(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space ;  
(e) Detonators belonging to Class 6 Division 3 shall be kept separately.  
(f) Gun powder belonging to Class 1 shall be kept separately.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुज्ञापन प्राधिकारी की विशेष मंजूरी के मैगजीन में नहीं रखा जाएगा।  
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी दे दी हो।  
(i) जब ऐसी मंजूरी दे दी गई हो तो प्रत्येक निरीक्षण पर किसी विस्फोटक नियंत्रक से ऐसा लिखित प्रमाणपत्र अभिप्राप्त कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आनेवाली अवधि दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुज्ञप्तिधारी अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा।  
(ii) जब कोई विस्फोटक मानक शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो ग्लाइसीन 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 अनुज्ञप्तिधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करें।  
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.  
(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.  
(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.
- मैगजीन के भीतरी भाग या उसमें लगी 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 बांधेकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से भिन्न कोई विस्फोटक रखा गया है।  
The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from; Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.
- यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञप्तिधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञप्तिधारी द्वारा पश्चात्कर्त्त प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तडित चालक को समाधानप्रद घोषित नहीं कर देता :  
परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के किए गए सभी परीक्षणों के लिए प्रभार्य होगा :  
परंतु यह और कि यदि दो या अधिक तडित चालक एक ही मैगजीन से संबद्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तडित चालक के परीक्षण के लिए हर स्थिति में विहित की गई है।  
If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the even of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory:  
Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day :  
Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.
- उपयुक्त तथा जब रहित कार्यकरण वस्तु, 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. अनुज्ञापितधारों प्ररूप आर.इं.-3 और आर.इं.-4 या आर.इं.-5, जैसी स्थिति हो, में सभी विस्फोटकों का अभिलेख और लेखा रखेगा और विस्फोटक नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर स्टॉक पुस्तक और अभिलेख प्रस्तुत करेगा। स्टॉक पुस्तक विहित प्रोफार्मा में पृष्ठ संख्यांकित होगी।  
The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforma shall be page numbered.
12. परिसरों में कोई परिवर्तन या तबदीली अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुज्ञापितधारी ऐसी किसी शर्त का अनुपालन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्दिष्ट करें।  
No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.
13. मैगजीन सभी समयों पर अच्छी मरम्मत की स्थिति में बनाई रखी जाएगी (या अच्छी हालत में बनाई रखी जाएगी)। यदि किसी कारणवश किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुज्ञापितधारी इस बात की सूचना अनुज्ञापन प्राधिकारी को तुरंत देगा।  
Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason whatsoever.  
मैगजीन का अनुज्ञापितधारी इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा।  
The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.
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 ओहम से अधिक नहीं होगा।  
The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.
17. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुल्क घास या झाड़ी या ज्वलनशील सामग्री नहीं रहने दी जाएगी।  
A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.
18. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी।  
Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.
19. किसी मैगजीन / भंडारगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा।  
Not more than 4 persons shall be allowed inside the magazine or store house at any one time.
20. विस्फोटकों के खाली पैकेजों को शीघ्रतिथीय वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा।  
Empty packages of the explosives shall be removed at the earliest and destroyed.
21. अनुज्ञापितधारी और 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 अनुज्ञापन परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबंधों और सुरक्षा स्थितियों को सम्यक्तः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी।  
Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.
23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञापितधारक को अनुज्ञापन 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, अनुज्ञापितधारक सिफारिशों को निष्पादित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा।  
If the licensing authority or a Controller of Explosives informs in writing, the holder of the 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. अनुज्ञापितधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञापन फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पल्लिते खरीदेगा।  
The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.
25. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले आतिशबाजियों पटाखों की बिक्री और रखने के लिए –  
(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डी.बी.(ए1) या 145 डी.बी.(सी)पी.के. प्रतिबंधित होंगे;  
(ख) श्रृंखला (जुड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 लॉग<sub>10</sub>(एन) डी.बी. (सी) पी.के. प्रतिबंधित होंगे;  
The possession and sale of fire-crackers generating noise level exceeding;  
a) 125 dB(A) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;  
b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log<sub>10</sub>(N) dB, where N = number of crackers joined together.
26. आग या विस्फोट द्वारा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत पास के पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी।  
Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

**अतिरिक्त शर्तें / Additional Conditions :**

1. अनुज्ञापितधारी 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 संयुक्त मुख्य विस्फोटक नियंत्रक  
For Joint Chief Controller of Explosives  
दक्षिणांचल, चेन्नै | South Circle, Chennai

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

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

**Safety distances required to be kept clear around magazine for high explosives or fire works or factory licence number E/SC/KL/22/1599(E67232) in form LE-3 granted to M/s. SHAH QUARRY, Thekkuvila Melathil Veedu, Kudavattoor Post, Kerala-691506**

Type of Structure(s)	Safety distances meters	
	M	UM
<b>Inside Safety Distances(ISD)</b>		
1 Room or Workshop used in Connection with the Magazine	16	24
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		45
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		68
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		68
28 Electric Power over head Transmission Lines upto 440V		15

The Date : 04/10/2013

For Joint Chief Controller of Explosives  
South Circle, Chennai

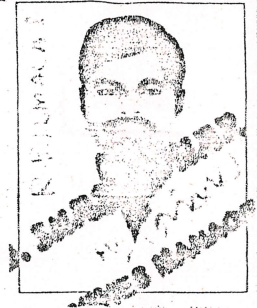
**Amendments :**

- Amendment in Drawings/Facilities/Premises dated : 09/05/2023
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 09/05/2023
- Change in Authorized Signatory/Occupier/Partners/Directors dated : 24/04/2024
- Change in Postal Address dated : 24/04/2024
- Amendment in Drawings/Facilities/Premises dated : 24/04/2024

**Transfers :**

- Change in Licensee Name/Address/Status dated : 23/04/2024

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



No. MR/BR/556

भारत सरकार/Government of India

खान अधिनियम, 1952/Mines Act, 1952

खनन परीक्षा बोर्ड/Board of Mining Examinations

खनन मेट सक्षमता प्रमाण-पत्र

MINING MATE'S CERTIFICATE OF COMPETENCY

(केवल ओपेनकास्ट खानों तक सीमित)

(Restricted to mines having opencast workings only)

(धात्विकीय खान विनियम, 1961 के अन्तर्गत)

(Under the Metalliferous Mines Regulations, 1961)

श्री

सुपुत्र

जिनकी जन्म तिथि

है, को अपनी

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

प्रस्तुत करने एवं दिनांक

को

केन्द्र पर आयोजित

विहित परीक्षा में उत्तीर्ण होने पर एतद्द्वारा केवल ओपेनकास्ट खानों तक सीमित मेट सक्षमता प्रमाण-पत्र

प्रदान किया जाता है।

Shri R. ELUMALAI

son of RAMASAMY

born on 10<sup>TH</sup> FEBRUARY, 1970 (SEVENTY)

having given satisfactory evidence of his age,

medical fitness, good character, literacy and prescribed experience of working in metalliferous

mines and having passed the prescribed examination held at

MVTG, SANDUR

centre on 19.03.2015

is hereby granted MINING MATE'S CERTIFICATE OF

COMPETENCY restricted to mines having opencast workings only.

बाएं ह

निशान

Left hand thumb impression

अंचल सचिव

खनन परीक्षा बोर्ड

Zonal Secretary

Board of Mining

Examinations

अंचल सचिव

खनन परीक्षा बोर्ड

दक्षिणी अंचल, बेंगलूर

Zonal Secretary

Board of Mining Examination

Southern Zone, Bengaluru.

अध्यक्ष

खनन परीक्षा बोर्ड

Chairman

Board of Mining

Examinations

Signed and Sealed

Date 10/07/2015

MR

To

SRI R. ELUMALAI

S/o. RAMASAMY

Home Address

Village THALUDALI  
PO THALUDALI  
Police Station TINDIVANAM  
District VILLUPURAM  
State TAMILNADU - 604304

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

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

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

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

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

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

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

Prepared by

Checked by



Form - 2

(See rule 05, 12, 16, 23)

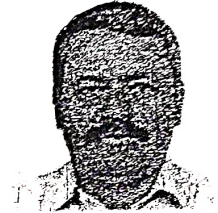
**Chadayamangalam Grama Panchayat****CERTIFICATE OF ENTERPRISES LICENSE**

License No : BFIF02-G021103-00021-2026

**1. Licensee Details**

[ലൈസൻസ് എടുക്കുന്ന വ്യക്തിയുടെ പേരും വിലാസവും]

**Licensee/Organization Name** SHAJI S  
**Name in Local Language** ഷാജി എസ്  
**Licensee Address** THEKKUVILA MELATHIL VEEDU, KUDAVATT  
 OOR, 691512  
**Licensee Contact Details** **Phone** : 9447556432  
**Email** :

**2. Licensing Place Details**

[ലൈസൻസിങ് യൂണിറ്റ് സ്ഥലവും]

**Licensing Unit ID/Type**

**Details of Licensing Place/Structure Type** Survey No- 41/325/2, 41/325/4, 41/325/5,  
 41/326/1-1, 41/326/1-2, 41/326/2, 41/328/2-  
 1, 41/328/2-2

**Licensing Unit Name**

SHA QUARRY, KADANNOOR

**Licensing Unit Name in Local Language**

ഷാ ക്വാറി

**Licensing Unit Address**

CHADAYAMANGALAM, chadayamangalam, 691534

**Contact Information****Phone** : 9447556432**Email** :**3. Licensing Business Activity Details**

SIN o	Business Category	Type	Sub Type
1	Quarrying, Mining & Extra ction	Support service activ ities	Support activities for mining and qu arrying

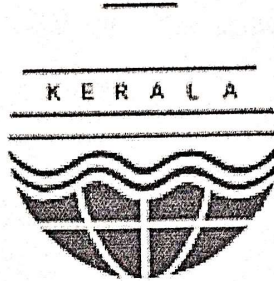
**4. License Validity & Renewal Period**

License valid From	License valid to	Renewal time of License	License Fee
01-04-2026	31-03-2029	Before 02-03-2029	45000.00



Signature Not Verified  
 Digitally signed by Kona L G  
 Date: 2026.04.01 10:48 IST  
 Reason: KSMART-TE & OS License

The Govt. vide G.O.(Ms) No.202/2012/LSGD dated 25/07/2012 has approved this certificate as a valid document for all official purposes.  
 The License No. is unique to each license. Authenticity of this certificate can be verified at [www.ksmart.lsgkerala.gov.in](http://www.ksmart.lsgkerala.gov.in)  
 See overleaf for license terms and conditions.



## KERALA STATE POLLUTION CONTROL BOARD

FILE NO. : KSPCB/KL/ICO/10130065/2026

Date of issue : 25-03-2026

### INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : KSPCB/KL/ICO/10130065/2026

Ref : Consent No : PCB/KO/CTO/R4/62/2022 dated 03/11/2022

The 'Integrated Consent to Operate' issued as per reference above to M/s SHA QUARRY, CHADAYAMANGALAM, KOLLAM is hereby renewed up to 08/04/2030 and issued to M/s SHAH QUARRY, CHADAYAMANGALAM, KOLLAM. The consent(s)/ variation order(s) cited under reference are integral part of this consent renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

#### I. GENERAL

Item	Description
Validity	08/04/2030
Fee remitted	Rs.1,10,000/-
Survey numbers	QUARRY UNIT(2.1667 HECTARES OF LAND) 325/5, 325/2, 325/4, 326/1-1, 326/1-2, 326/2(p), 328/2-2(p), 328/2-1(p)

#### II. CONDITIONS

1. This consent is renewed based on Lease deed of Mining & Geology Department no.

MG/2581/2023-M6 dated 09-04-2025 , Environment clearance certificate order no:752/SEIAA/KL/301/2015 dated 16.07.2022 and order no 752/SEIAA/KL/301/2015 ;1402/EC6/2024/SEIAA dated 09.12.2024., Quarrying lease and other documents submitted by the applicant and any violation or noncompliance will lead to withdrawal of the consent and stringent action.

2. The quarrying shall be done in accordance with the conditions of the consent(s), mining plan, EC certificate and Mining lease agreement.

3. This Consent will be valid only when all other statutory/ necessary clearances from other Authorities concerned are valid.

4. All other conditions of the Integrated Consent to Operate issued remain unchanged

Signature valid

Digitally signed by SAIJU J S  
Date: 2026.03.25 11:59:01 IST

SIGNATURE OF ISSUING AUTHORITY  
ASSISTANT ENVIRONMENTAL ENGINEER



To

M/s SHAH QUARRY

SURVEY NO: 325/5, 325/2, 325/4, 326/1-1, 326/1-2, 326/2, 328/2-2, 328/2-1,  
CHADAYAMANGALAM, KOLLAM-691534

E-Mail : shahquarry23@gmail.com

Contact Number :9447556388,

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

2. For verifying this document please go to [www.keralapcbonline.com](http://www.keralapcbonline.com) and search using Certificate Number/Name of the unit/Application Number in "Certificate Verification" link in the home page of the Board's Phoenix website.

## TEST REPORT

**ULR No: TC1293926000011606F**

LRI No.: SEAAL26042297A

Date: 25-04-2026

Page 1 of 1

### CUSTOMER DETAILS

Customer Name & Address	<b>M/s Shan Quarry</b> Thekkuvila Melathil Veedu Kudavattor P O, Kottarakkara, Kollam District.
Customer Reference	Test Request date: 22-04-2026

### SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN26040961
Sample Name	Ambient Air	Sample Received on	23-04-2026
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	24-04-2026
Sampled by	Lab Authorized Sampler	Test Completed on	25-04-2026

### DETAILS OF SAMPLING

Sampling Location	Project Site	Date of Sampling	22-04-2026
Sampling Procedure	SEAAL/CHL/SOP/7.3/02	Humidity	69%

### INFORMATION PROVIDED BY CUSTOMER-SAMPLING SITE DETAILS

Survey No	325/5,325/2,325/4,326,326/1,326/2,328/2-2,328/2		
Village	Chadayamangalam	Taluk	Kottarakara
District	Kollam	State	Kerala

### TEST RESULTS-CHEMICAL DISCIPLINE

SL NO	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARDS
1	Particulate matter ,PM <sub>10</sub>	IS 5182 (Part 23): 2006	µg/m <sup>3</sup>	55.3	100 (Max)
2	Particulate matter ,PM <sub>2.5</sub>	IS 5182 (Part 24): 2019	µg/m <sup>3</sup>	27.8	60.0 (Max)
3	Sulphur dioxide as SO <sub>2</sub>	IS 5182 (Part 2): 2001	µg/m <sup>3</sup>	<4.00	80.0 (Max)
4	Nitrogen dioxide as NO <sub>2</sub>	IS 5182 (Part 6): 2006	µg/m <sup>3</sup>	<4.00	80.0 (Max)

Remarks:

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

  
**Shency Joy**  
 TM - Chemical  
 Checked by



  
**Ramar R.**  
 Technical Head  
 Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory, Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

**Standards Environmental & Analytical Laboratories**

Accreditation & Certification:

NABL accredited Laboratory as per ISO/IEC 17025:2017 vide Certificate No. TC-12939; ISO 45001:2018 OHSAS certified laboratory.

Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110.

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

## TEST REPORT

**ULR No: TC1293926000011607F**

LRI No.: SEAAL26042298A

Date: 25-04-2026

Page 1 of 2

### CUSTOMER DETAILS

Customer Name & Address	<b>M/s Shan Quarry</b> Thekkuvila Melathil Veedu Kudavattor P O, Kottarakkara, Kollam District.
Customer Reference	Test Request date: 22-04-2026

### DETAILS OF MONITORING

Product Category	Atmospheric Pollution	Sample Code	EN26040962
Sample Name	Ambient Noise	Monitoring Commenced on	22-04-2026
Test Method	IS 9989:1981	Monitoring Completed on	23-04-2026
Monitoring Location	Project Site	Monitored by	Lab Authorized Sampler

### INFORMATION PROVIDED BY CUSTOMER -SAMPLING SITE DETAILS

Survey No.	325/5,325/2,325/4,326,326/1,326/2,328/2-2,328/2		
Village	Chadayamangalam	Taluk	Kottarakara
District	Kollam	State	Kerala

### MONITORING RESULTS - Leq

TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	38.6	14:00	51.7	22:00	40.3
07:00	41.4	15:00	52.1	23:00	39.1
08:00	45.8	16:00	53.3	24:00	40.7
09:00	49.4	17:00	53.7	01:00	38.7
10:00	51.7	18:00	48.2	02:00	38.3
11:00	54.9	19:00	44.6	03:00	39.9
12:00	52.1	20:00	40.6	04:00	40.7
13:00	51.3	21:00	40.1	05:00	42.6

  
**Shency Joy**  
 TM - Chemical  
 Checked by



  
**Ramar R.**  
 Technical Head  
 Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory. Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

### Standards Environmental & Analytical Laboratories

Accreditation & Certification:

NABL accredited Laboratory as per ISO/IEC 17025:2017 vide Certificate No. TC-12939; ISO 45001:2018 OHSAS certified laboratory.

Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110.

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

## TEST REPORT

ULR No: TC1293926000011607F

LRI No.: SEAAL26042298A

Date: 25-04-2026

Page 2 of 2

Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time	dB(A)	52.3
2	Ambient Sound Level (Leq) Night Time	dB(A)	41.6

Remarks:

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



**Shency Joy**  
**TM - Chemical**  
Checked by





**Ramar R.**  
**Technical Head**  
Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory, Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

### Standards Environmental & Analytical Laboratories

Accreditation & Certification:

NABL accredited Laboratory as per ISO/IEC 17025:2017 vide Certificate No. TC-12939; ISO 45001:2018 OHSAS certified laboratory.

Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110.

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

## TEST REPORT

LRI No.: SEAAL26042299N	Date: 25-04-2026	Page 1 of 1
-------------------------	------------------	-------------

### CUSTOMER DETAILS

Customer Name & Address	<b>M/s Shan Quarry</b> Thekkuvila Melathil Veedu Kudavattor P O, Kottarakkara, Kollam District.
Customer Reference	Test Request Date : 22-04-2026

### SAMPLE DETAILS

Product Category	Pollution & Environment	Sample Code	EN26040963
Sample Name	Soil	Sample Received on	23-04-2026
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	24-04-2026
Sample Quantity& Packing	500 g in Polyethene Bag	Test Completed on	25-04-2026
Information Provided by Customer	---	Sampled by	Lab Authorized Sampler

### DETAILS OF SAMPLING

Sample Source	Project Site	Date of Sampling	22-04-2026
Sampling Procedure	SEAAL/CHL/SOP/7.3/01	Sample Temperature	31 °C

### INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS

Re Survey No	325/5,325/2,325/4,326,326/1,326/2,328/2-2,328/2		
Village	Chadayamangalam	Taluk	Kottarakkara
District	Kollam	State	Kerala

### TEST RESULTS- CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT
1	Chlorides	SEAAL/CHL/SOP/7.2/16	mg/kg	319
2	Available Potassium	SEAAL/CHL/SOP/7.2/11	meq/100g	62.6

Remarks:

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

  
**Shency Joy**  
**TM - Chemical**  
 Checked by



  
**Ramar R.**  
**Technical Head**  
 Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory, Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

### Standards Environmental & Analytical Laboratories

Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

Certification: ISO 45001:2018 OHSAS certified laboratory.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist.-683 110.

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

## TEST REPORT

**ULR No: TC1293926000011609F**

LRI No.: SEaal26042300A

Date: 25-04-2026

Page 1 of 2

### CUSTOMER DETAILS

Customer Name & Address	<b>M/s Shan Quarry</b> Thekkuvila Melathil Veedu Kudavattor P O, Kottarakkara, Kollam District.
Customer Reference	Test Request Date: 22-04-2026

### SAMPLE DETAILS

Product Category	Water	Sample Code	WT26040875
Sample Name	Ground Water	Sample Received on	23-04-2026
Sample Description by Customer	Open Well Water	Temperature @ Receipt	4°C
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	24-04-2026
Sample Quantity & Packing	2L & 125 ml in a Plastic Bottle	Test Completed on	25-04-2026
Information Provided by Customer	---	Sampled by	Lab Authorized Sampler

### DETAILS OF SAMPLING

Sample Source	Project Site	Date of Sampling	22-04-2026
Sampling Procedure	SEaal/QAD/SOP/7.3/01	Sample Temperature	27°C

### INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS

Survey No.	325/5,325/2,325/4,326,326/1,326/2,328/2-2,328/2		
Village	Chadayamangalam	Taluk	Kottarakkara
District	Kollam	State	Kerala

### TEST RESULTS- CHEMICAL DISCIPLINE

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



**Shency Joy**  
**TM - Chemical**  
 Checked by




**Remya B.**  
**TM-Biological**  
 Authorized Signatory



**Ramar R.**  
**Technical Head**  
 Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory. Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

### Standards Environmental & Analytical Laboratories

Accreditation & Certification:

NABL accredited Laboratory as per ISO/IEC 17025:2017 vide Certificate No. TC-12939; ISO 45001:2018 OHSAS certified laboratory.

Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110.

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

## TEST REPORT

ULR No: TC1293926000011609F

LRI No.: SEaal26042300A

Date: 25-04-2026

Page 2 of 2

### TEST RESULTS- CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
3	Turbidity	IS 3025 (Part 10): 2023	NTU	<0.10	1.0 (Max)
4	pH @ 25°C	IS 3025 (Part 11): 2022	---	6.77	6.50-8.50
5	Conductivity	IS 3025 (Part 14):2013	µS/cm	114	---
6	Total Dissolved Solids @ 180°C	IS 3025 (Part 16): 2023	mg/L	62.1	500 (Max)
7	Total Hardness as CaCO <sub>3</sub>	IS 3025 (Part 21): 2009	mg/L	26.3	200 (Max)
8	Calcium as Ca	IS 3025 (Part 40): 2024	mg/L	7.38	75 (Max)
9	Magnesium as Mg	IS 3025 (Part 46): 2023	mg/L	1.97	30 (Max)
10	Chloride as Cl	IS 3025 (Part 32): 2025	mg/L	17.9	250 (Max)
11	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (Part 23): 2023	mg/L	8.04	200 (Max)
12	Iron as Fe	IS 3025 (Part 53): 2024	mg/L	0.10	1 (Max)
13	Sulphate as SO <sub>4</sub>	IS 3025 (Part 24/Sec 1): 2022	mg/L	<1.00	200 (Max)

### TEST RESULTS - BIOLOGICAL DISCIPLINE

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

Remarks:

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



**Shency Joy**  
TM - Chemical  
Checked by




**Remya B.**  
TM-Biological  
Authorized Signatory



**Ramar R.**  
Technical Head  
Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory, Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

### Standards Environmental & Analytical Laboratories

Accreditation & Certification:

NABL accredited Laboratory as per ISO/IEC 17025:2017 vide Certificate No. TC-12939; ISO 45001:2018 OHSAS certified laboratory.

Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110.

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

Newspaper advertisement published in a local daily newspaper: -

2025 ഒക്ടോബർ 11  
TVM ശനി

**മിംഗിളം**

**പൊതുജന അറിയിപ്പ്**  
ഷാക്വോറി തെക്ക്വിള മേലതിൽ വീട്  
വെട്ടൂർ പി ഓ കൊട്ടാരക്കര കൊല്ലം  
മാനേജിങ് പാർട്ണർ എന്ന സ്ഥാപന  
ത്തിന് ചടയമംഗലം വില്ലേജ് ചടയമംഗലം  
പഞ്ചായത്ത് കൊട്ടാരക്കര താലൂക്ക്  
റീസർവ്വേ നമ്പർ 325/5,325/2, 325/4,  
326, 326/1, 326/2, 328/2-2, 328/2 എന്നീ  
നമ്പറുകളിൽ ഷെട്ട 2.1667ഹെക്ടർ സ്ഥ  
ലത്ത് നിന്ന് പാറ ഖനനം ചെയ്യുന്നതിനുള്ള  
സംസ്ഥാന ആഘാത നിർണയ സമിതി  
യുടെ NO: 752/SEIAA/KL/301/2015  
തീയതി 16/7/2022,4/8/2022,& 1402 /  
EC6 /2024/SEIAA തീയതി 9.12.2024  
അനുമതി ലഭിച്ചതായി പൊതുജനങ്ങളെ  
അറിയിക്കുന്നു .ആയതിന്റെ പകർപ്പ്  
പരിസ്ഥിതി കാലാവസ്ഥ വ്യതിയാന  
വകുപ്പിന്റെ ഓഫീസിൽ നിന്നോ  
[www.seiaakerala.org](http://www.seiaakerala.org) എന്ന വെബ്  
സൈറ്റിൽ നിന്നോ ലഭിക്കുന്നതാണ്.

### **ENVIRONMENTAL MONITORING CELL**

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

Sl. No.	Post	Name
1	Head of the monitoring cell	Mr.Shaji.s (Proprietor)
2	Head in charge (Environment)	Mr. Nizamudeen, General manager
3	Senior Environmental Officer	Mr. Nizamudeen, General manager
4	Environmental Officer	Mr. Aji.s, Quarry manager
5	Name of the environmental officer in charge	Mr. Sree kumar, Mines manager
6	Name of the officer Environment, Health and safety	Mr. Vinod, Safety incharge
7	Name of the Assistant Officer of Environment, Health and safety	Mr. Aji.s, Quarry manager
8	Name of the environment laboratory	Standards Environmental & Analytical Laboratories
9	Address of Environmental laboratory	Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist.-683 110.