

HALF YEARLY COMPLIANCE REPORT FOR GRANITE BUILDING STONE QUARRY

E.C.No: 222/SEIAA/KL/349/2014 dated 29.08.2022

BUILDING STONE QUARRY M/s. KARIMALA GRANITES & AGGREGATES PVT LTD

Situated At

Sy Nos:- 286/10(P), 286/1(P), 286/3(P), 286/4,282/10,278/4-1,
278/4-2, 278/4-3, 278/4-5,278/4-4, 286/7(P), 286/2(P),
286/8(P), 286/6(P), 286/9(P), 278/6, 278/3(P), 278/2-1,
278/2, 278/7, 277/1(P), 277/9, 286/5(P),

Village: Kangazha
Taluk: Changanassery
District: Kottayam
State: Kerala

October 2025 – March 2026

Prepared By

PRIME TECHNOLOGY SERVICES

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M/s. Karimala Granites & Aggregates Pvt Ltd.

K.J Thomas Kutty, Managing Director

Pathanad, Kangazha P.O

Chenganassery, Kottayam

To,

The Director MoEF&CC,

Regional Office (South Zone), KendriyaSadan,

IVth floor, E&F Wing ,17th main Road, Second

Block, Koramangala Banglore.

Respected Sir,

Sub: Half Yearly Compliance Report of Granite Stone Mine Project of M/s. Karimala Granites & Aggregates Pvt Ltd for the period of October 2025 - March 2026.

Ref: E.C No: 222/SEIAA/KL/349/2014 dated 29.08.2022

I would like to inform you that, Granite Building Stone Quarry was obtained the Environmental Clearance by order number 222/SEIAA/KL/349/2014 dated 29/11/2014 by State Environmental Impact Assessment Authority and the same was revalidated by SEIAA on 29/08/2022. The Half Yearly Compliance report (for the period of October 2025 – March 2026) of the specific and general conditions of the Environmental clearance order is enclosed.

Place: Kottayam

Date: 28-05-2026

K.J Thomaskutty

(Authorized Signatory)

Copy To,

Member secretary / Chairman

SEIAA Kerala

KSRTC Complex, Thampanoor

Thiruvananthapuram, Kerala

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1.INTRODUCTION

Granite Building Stone Quarry of M/s. Karimala Granites & Aggregates Pvt Ltd is situated at Survey 286/10(P), 286/1(P), 286/3(P), 286/4,282/10,278/4-1,278/4-2, 278/4-3, 278/4-5,278/4-4, 286/7(P), 286/2(P),286/8(P), 286/6(P), 286/9(P), 278/6, 278/3(P), 278/2-1,278/2, 278/7, 277/1(P), 277/9, 286/5(P) in Kangazha Village, Changanassery Taluk, Kottayam District, Kerala.

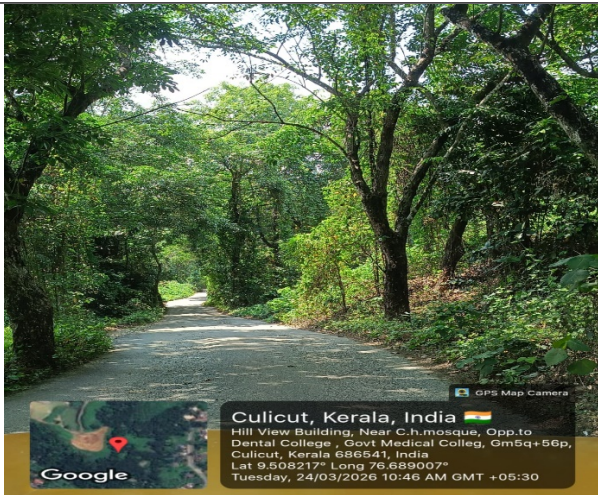
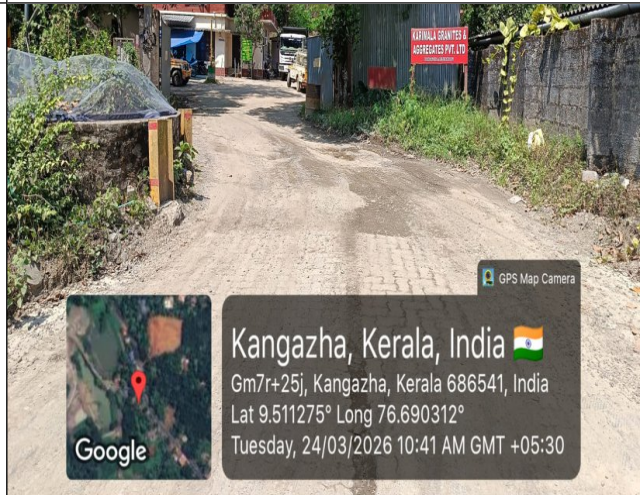
The Project was obtained the Environmental Clearance (EC.No: 222/SEIAA/KL/349/2014 dated 29/11/2014) by State Environmental Impact Assessment Authority and the same was revalidated by SEIAA on 29/08/2022. As part of general condition No.37 of Environmental Clearance order the Half Yearly Compliance Report needs to be submitted by the Project Proponent.

This report contains the Compliance of Specific & General conditions of Environmental Clearance order for the period of October 2025 – March 2026.

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

2. SPECIFIC CONDITIONS

Table 2. Specific Conditions

Sl. No.	Specific Conditions	Compliance Status
1	To reduce the vibration of the ground, it is directed to use only NON-EL (Non-electrical) technology for blasting.	We used NONEL technology for blasting in order to reduce the vibration of the ground. We carried out all the preventive measures during blasting operations without disturbing the human and wildlife. Purchase proof of the NON-EL(Non-electrical) Technology has attached as Annexure 07 .
2	Road leading to main road from the project site should be maintained.	We assure that approach road from project site maintained at regular intervals. The approach road of the project site was properly paved and installed sprinkler system for dust suppression. Photographs of the same attached.
		
3	Mining activities including loading and transportation of mined materials should not be carried out between sun set and sunrise	PP is aware about the condition.
4	Garland canal should be laid considering the entire project area	Garland drains with silt traps were suitably constructed all along the periphery of the pit area. Garland Drains will collect the run-off from the lease area and divert into the desiltation tanks

		proposed within the complex. Photos are attached here with.
		
5	The garland canal along with silt traps, collection tanks, and outflow channel should be desilted periodically and geo-tagged. Blasting mats should be incorporated in the Half Yearly Compliance Report	The garland canal along with silt traps, collection tanks, and outflow channel desilts periodically. Cleaning activity conducted during the operational days of the lease. Photographs of periodical desiltation is attached here with.
		
6	The overburden dump should be protected with a proper gabion wall to avoid soil erosion	We provided a retaining wall surrounding the dumping area to avoid the soil erosion. Geo-tagged photos are attached here with.
		

7	Green belt in the buffer should be strengthened with indigenous species and nurtured on a regular basis  Kangazha, Kerala, India 🇮🇳 Gm7q+x9r, Pathanadu, Kangazha, Kerala 686541, India Lat 9.513485° Long 76.68765° Tuesday, 24/03/2026 09:35 AM GMT +05:30	Already site have a green belt, planted 210 nos of trees at the boundary (Safe Buffer zone) This shall be maintained well. Trees like Mango, Anjili, Bamboo, Passion Fruits were planted. Geo-tagged photos are attached here with.  Kangazha, Kerala, India 🇮🇳 Gm6q+c38, Kangazha, Kerala 686541, India Lat 9.512313° Long 76.687663° Tuesday, 24/03/2026 10:29 AM GMT +05:30
8	Steep face of the quarry should be converted as benches  Kangazha, Kerala, India 🇮🇳 Gm6q+c38, Kangazha, Kerala 686541, India Lat 9.511699° Long 76.687037° Tuesday, 24/03/2026 09:41 AM GMT +05:30	We converted steep face of quarry as benches by creating benches of 5m width and 5m height. The quarrying activities progressing only under the direction and supervision of competent person. And assure that we fenced all around it and put warning sign boards. Geo-tagged photos are attached here with.  Kangazha, Kerala, India 🇮🇳 Gm6q+c38, Kangazha, Kerala 686541, India Lat 9.512204° Long 76.687023° Tuesday, 24/03/2026 09:40 AM GMT +05:30

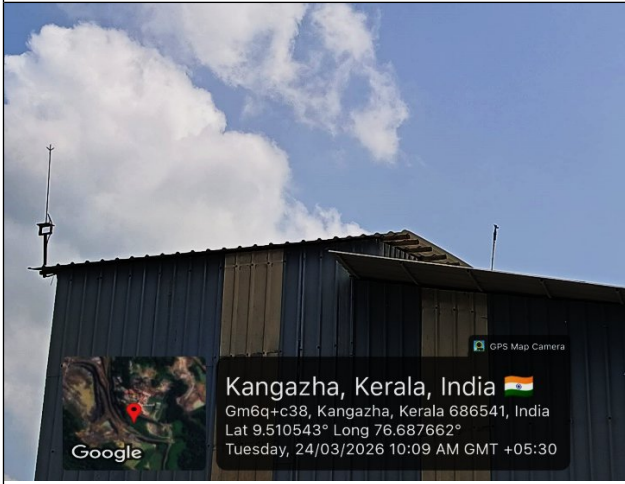
9	Water stagnation in the quarry pit should be avoided. The proponent should provide an affidavit to maintain a maximum of only 5 m water column in the resultant quarry pit since the quarry is situated in elevated place	PP is aware of the condition. Currently we maintain the depth of the quarry pit less than 2 m. We will not maintain the water column more than 5 m.
10	Overloading should not be done to prevent the alleged accident in the locality	PP is aware about the condition.
		

3. GENERAL CONDITIONS

Table 3. General Conditions

Sl. No	General Conditions	Compliance Status
1	Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR /KPBR, unless otherwise specified.	Provided rain water harvesting pond in the project area to collect rain water and utilize in the project area itself. Geo-tagged photo of the same attached here with.
		
2	A separate Environmental Management and monitoring cell with qualified personal should be set up under the control of Senior Executive,	To monitor all conditions stipulated in the Environment Clearance and environment Management Plan, the project proponent has

	who will report directly to the Head of Organization.	constituted an Environment Monitoring Cell. The environmental management cell regularly reports to the head of the organization.																		
	ENVIRONMENTAL MANAGEMENT CELL <table> <tr> <th>Sl No</th><th>Name</th><th>Designation</th></tr> <tr> <td>1</td><td>K.G. Thomas Kutty</td><td>Head of the cell</td></tr> <tr> <td>2</td><td>Sibi Mathew</td><td>Environmental Manager –Unit Manager</td></tr> <tr> <td>3</td><td>Jobin P Sam</td><td>Supervisor</td></tr> <tr> <td>4</td><td>M/s Prime Technology Services</td><td>Environmental Consultant</td></tr> <tr> <td>5</td><td>M/S Standards Laboratory</td><td>Environmental Monitoring Agency</td></tr> </table>		Sl No	Name	Designation	1	K.G. Thomas Kutty	Head of the cell	2	Sibi Mathew	Environmental Manager –Unit Manager	3	Jobin P Sam	Supervisor	4	M/s Prime Technology Services	Environmental Consultant	5	M/S Standards Laboratory	Environmental Monitoring Agency
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3	Jobin P Sam	Supervisor																		
4	M/s Prime Technology Services	Environmental Consultant																		
5	M/S Standards Laboratory	Environmental Monitoring Agency																		
3	Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, including of approach road and internal roads.	Suitable avenue trees has been carried on all internal roads and main roads of the quarry areas with plants like like, Mango, Anjili, Bamboo etc were planted. Geo-tagged photos are attached here with.																		
																				
4	Maximum possible Solar Energy generation and utilization shall be ensured as an essential part of the project	As part of energy conservation, the project proponent has installed solar light in the project site to generate and utilize maximum renewable energy. About 4 Solar Street Lights were provided in the quarry site. Geo-tagged photos are attached here with.																		
																				

5	Sprinklers shall be installed and used in the project to contain dust emissions.  SPRINKLERS ON THE TOP OF CRUSHER UNIT	Sprinklers are available at the site and are using at the time of generating dust from the site and make wet the internal roads daily. About 10 no's of sprinklers were provided in the quarry site and movable sprinkling units for the purpose of dust suppressions at internal roads, in and around the areas of drilling and blasting. Photographs of the same attached here with. 
6	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	We assure that, eco-restoration including the mine closure plan will be done at own cost of This ecorestoration shall follow scientific standards available for restoration, full recovery of the original vegetation and improving the resilience of different ecosystem.
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.	PP is aware about the condition and at the time of closure of the mine, it shall ensure that directions contained will be scrupulously followed
8	Corporate Social Responsibility (CSR) agreed up on by the proponent should be implemented	As part of inclusive growth of the community, we carried out various activities under CSR and documents attached. The main activities were under the sectors of education, housing, health etc. We had spent an amount of Rs.17,39,000 as CSR during this period 2022 to 2025 to March 2025.
9	The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mining. All the boundary indicators (boards, stores, markings, etc) shall be protected at all times and shall be conspicuous.	The direction contained shall be scrupulously followed. To demarcate the lease area and to prevent falling of animals/ human being / dumping of garbage etc., the project proponent has installed barbed metal wire fencing around

		the lease area. All the boundary indicators (Warning sign boards, markings, etc) maintained very well. The permanent labelling of geocodes on boundary pillars was done and the photographs of the same attached.
		
		
10	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.	As per the stipulation of Explosive department, the project proponent has installed siren as warning alarm in the quarry site. Siren rang before the blasting time in order to give warning to the workers and public. The blasting timings are displayed in the prominent area by way of caution board. Geo-tagged photos are attached here with.

		
11	Control measures on noise and vibration prescribed by KSPCB should be implemented.	Limited the operation of quarry in specific time only as directed by the KSPCB and has been following the directions and complying them. The following control measures are undertaken to bring down the noise levels: - • Proper maintenance of machinery equipment's and improvement of design of machines. • Personal Protective Devices i.e, earmuffs, helmet, and boots etc. are provided to workers. • The mining activity is only during day time Noise level at the quarry site should be checked periodically, monitored through a NABL accredited laboratory during the quarry in operation and the monitored results are attached as Annexure 10.
		
12	Quarrying activities should be limited to day time as per KSPCB guidelines.	PP is aware about the condition. The quarry working time is 6.00 am to 6.00 pm and strictly following KSPCB guidelines.

13	Blasting should be done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency.	PP is aware about the condition.
14	A licensed person should supervise/control the blasting operations	We appointed Mines Manager in the site to supervise/control exploitation of minor minerals including blasting at the project site. Certificate of Mines Manager is attached as Annexure 04 .
15	Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.	To reduce dust emissions and for the trouble free transportation of materials, the project proponent has properly surfaced the access road to the quarry site. The project proponent is regularly maintaining the access road in good manner. Photographs of the same attached below.
		
16	Overburden materials should be managed within the site and the old quarries, if any, should be reclaimed and restored.	Overburden stacked in pre-determined site specified for the purpose. Photograph of the same attached in Specific Condition No.6.
17	Height of benches should not exceed 5m and width should not be less than 5m.	The quarrying activity in the project site is progressing by creating benches of 5m width and 5m height. The formation of benches is under the direction and supervision of a competent person. Geo-tagged photos of quarry benches attached here with.
		

18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	The project proponent is using blasting mat to reduce fly rocks during blasting. Photograph of the same attached.
		
19	Maximum depth of mining from general ground level at site shall not exceed 10m.	PP is aware about the condition.
20	No mining operations should be carried out at places having a slope greater than 45°	PP is aware about the condition.
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.	Scrupulously follows the directions contained. We have provided GI sheet covering along the Hollow brick envelop of the crusher unit. Plantations along the lease boundary act as an acoustic enclosure which reduces sound amplifications.
22	The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.	We provided adequate Personnel Protective Equipments (PPE) such as helmets, ear muffs, safety belts, gloves, etc. to ensure the safety of workers in working site. Photograph attached.
		
23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize Storm Water.	We are very conscious to prevent all quarry waste to enter in the public drainage or stream. We constructed Garland drains with silt traps were suitably constructed all along the periphery of the pit area. Garland Drains collect

		the run-off from the lease area and divert into the desiltation tanks proposed within the complex. The surface runoff from the benches will runs into desiltation tank through the garland channel and then passes through the check dam into the natural drainage. All measures were taken not to disturb the existing drainage pattern adjacent to the other property. Desiltation tank installed for silt removal. Cleaning of Desiltation tank were done periodically. Clear water is letting out. Proof is attached as photos.
		
24	The transportation of minerals should be done in covered trucks to contain dust emissions.	To avoid dust emission from the vehicle while transportation of materials the project proponent assure that the trucks are covered before leaving the site. Photographs of the same is attached.
		
25	The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.	Plantation has been carried the quarry areas with plants like Bamboo, Mango, Anjili, etc PP will plant trees at least 5 times of the loss at the time of mine closure.

26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	PP is aware of the condition, and make arrangement for the same.
		
27	Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department.	The magazine is stored in an isolated location, more than 50 meters away from the mining area. Photograph of the magazine is attached.
		
28	A minimum buffer distance of 50m from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided	Maintain the said distance from the mining boundary to the nearest structure.
29	100m distance shall be insisted upon for grant of EC for mining of minor minerals up to 20 hectares from natural forests with natural species of trees, including wildlife sanctuaries. However, for leases less than 2 hectares, the 100m distance may be reduced to a maximum of 50m in respect of adjacent lands clarified as forest, if such areas are barren or rocky outcrops devoid of any natural vegetation (cf Minutes of video conference with chairpersons of the SEIAA held on 28.04.2017)	NA

30	Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating activity.	Obtained consent from KSPCB. Attached as Annexure 06.
31	All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.	Obtained, • Environment Clearance from SEIAA • Quarrying lease • Consent from KSPCB • NOC from Explosive Dept. • D&O License from the LSGD
32	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.	PP is aware about the condition.
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.	PP is aware about the condition.
34	The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Environment Impact Assessment Authority (SEIAA) office and may be seen on the website of the Authority at www.environmentalclearance.nic.in . The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.	The project was advertised in widely circulated local newspapers in that region.
35	A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat/ District Panchayat/ Municipality/ Corporation/ Urban Local Body and also to the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The Environmental clearance shall also be put on the website of the company by the proponent.	Copy of EC has been forwarded to the secretary of Kangazha Grama Panchayat and also EC displayed in the notice board of the mining site

37	The proponent shall submit half yearly reports on the status of compliance of the stipulated EC Conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the Status of compliance of the stipulated EC conditions, including results of monitored data on their website. It shall have sent to the Regional office of MoEF. Govt. of India and also to the State Environment Impact Assessment Authority(SEIAA) Office.	The compliance report is being submitted along with the results of monitored data to the State Environmental Impact assessment Authority, Kerala and the Regional Office of MoEF&CC, Bangalore both in hard copy as well as mail.
38	The details of Environmental Clearance should be prominently displayed in a metallic board of 3ft X 3ft with green background and yellow letters of Times New Roman font of size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.	A display board shows all the details about the project and EC provided at the entrance of the quarry site
		
39	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.	An assurance in the form of affidavit was submitted to SEIAA Kerala by the project proponent.
40	No change in mining technology and scope of working should be made without prior approval of the SEIAA, No further expansion or modification in the mine shall be carried out without prior approval of the SEIAA, as applicable.	PP is aware about the condition.
41	The project proponent shall ensure that no natural water course 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 take.	PP is aware about the condition.

42	Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended places loading and unloading points & transfer point to reduce fugitive emissions.	We monitored the ambient air quality as per National Ambient Air Quality Standard (NAAQS). Monitored Lab Results are attached as Annexure 10 .
43	The Top soil, if any, shall temporarily to be stored at earmarked sites, only. For the topsoil shall be used for land reclamation and plantation. The over burden generated during the minings operations shall be stacked at earmarked dumpsite only. The maximum height of the dumps shall not exceed 8 m and width 20m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geotextiles 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.	The temporarily stored topsoil used only for land reclamation and plantation. It is ensured that the dump site where over burdens are stored should maintained at 45° of slope. To prevent the soil erosion, the top soil and overburden are stacked in designated place within the project site. Only topsoil will be used for plantation. Overburden will be used for landfill and to construct haulage roads in the mining area. The excess will be stored in a designated place as per the direction. The OB dumps are scientifically vegetated with suitable native species to prevent erosion and surface runoff. Geotagged photos are attached as proof.
		
44	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilizing for watering the mine area. Roads, green belt development etc. the drains shall be regularly desalted particularly after monsoon and maintained properly.	We are very conscious to prevent all quarry waste to enter in the public drainage or stream. The project proponent has constructed Garland drains with silt traps were suitably constructed all along the periphery of the pit area. Garland Drains collect the run-off from the lease area and divert into the desiltation tanks proposed within the complex. The surface runoff from the benches will runs into desiltation tank through the garland channel and then passes through the check dam into the natural drainage. All measures were taken not to disturb the existing drainage pattern adjacent to the other property. Desiltation tank installed for silt removal. Cleaning of Desiltation tank were done periodically. Clear water is letting out. the

		photos are attached in specific condition 6.
45	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. 	Effective safeguard measures are adopted in critical areas that are prone to air pollution. The project proponent has placed water sprinklers in critical area to reduce the dust emission. Ambient Air Quality according to the norms of CPCB is followed in loading – unloading points and transfer points. Photograph of the same attached. Air quality results are attached as Annexure 10. 
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	There is a regular control on dust emission sources. Water spraying arrangements are properly maintained. Photograph of the same attached in general condition No.45.
47	Measures should be taken for control of noise levels below 85dBA in work environment.	We have taken appropriate steps to reduce the sound by employing possible measures. Measurements of noise levels are taken in the work environment. Noise Monitoring Lab results are attached.
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	To monitor all conditions stipulated in the Environment Clearance and environment Management Plan, the project proponent has constituted an Environment Monitoring Cell. The environmental management cell regularly reports to the head of the organization.
49	The funds earmarked for environmental protection measures and CSR activities 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 a separate account and have not been diverted for other purposes. We had spent an amount of Rs. 17,39,000/- as CSR during the years 2022-2025. Year wise split up for the same shall be as follows.

	Sl No.	Year	Amount (Rs.)	Association /Purpose
	1	2022-2023	5,12,700	Community Health Centre, Idayirikkappuzha
	2	2023-2024	11,19,700	Educational & Social Welfare(Road Maintenance)
	3	2024-2025	1,06,600	Educational & Social Welfare (Anganwadi Development)
	Total		17,39,000/- (Seventeen Lakhs & Thirty Nine Thousand)	
50	The Regional Office of MOEF&CC Located at Bangalore shall extend full cooperation to the officer (S) of the Regional Office by furnishing the requisite data /information /monitoring reports			PP is aware about the condition.
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			There is no appeal against EC.
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 the this clearance and attract action under the provisions of Environment protection Act, 1986			Such a situation never come across. The Condition is noted for compliance.
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 conditions in the interest of environment protection.			We are willing to implement the conditions stipulated in the Environment Clearance order. The project can execute all possible measures in the project site for the conservation of environment. The conditions of SEIAA are strictly followed.
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 other authority for the same project.			We will give priority to the conditions stipulated in the Environment clearance Order for execution.
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.			PP is aware about the condition.
56	The Environmental Clearance will be subject to the final order of the courts of the in any pending litigation related to the land or project, in any court of law.			There is no litigation pending against this project.
57	The mining operation shall be restricted to above ground water table and it should not intersect ground water table.			PP is aware about the condition.

58	All vehicles used for transportation and within the mines shall have PUC certificate from authorized pollution testing Centre. Washing of all vehicles shall be inside the lease area.	All the Vehicles used within mines have PUC certificate from authorized pollution testing centre and washing of vehicles will be done only in the lease area.
59	Project proponent should obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and groundwater for the project.	NA.
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.	The report of water quality is given to the SEIAA in every six months.
61	Occupational health surveillance program of the workers should be under taken periodically to observe any contractions due to exposure to dust and corrective measures, if needed.	PP is aware about the condition.

ANNEXURES

ANNEXURE 1

Environmental Clearance



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

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

Sub: SEIAA- Environmental Clearance for the Granite building Stone Quarry Project of M/s Karimala Granites & Aggregates Pvt Ltd in Sy Nos. 286/10 (P), 286/1(P), 286/3(P), 286/4, 282/10, 278/4-1, 278/4-2, 278/4-3, 278/4-5, 278/4-4, 286/7(P), 286/2(P), 286/8(P), 286/6(P), 286/9(P), 278/6, 278/3(P), 278/2-1, 278/2, 278/7, 277/1(P), 277/9 and 286/5(P) at Kangazha Village, Changanassery Taluk, Kottayam, Kerala- Revalidation Granted - Orders issued

**STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY**

No. 222/SEIAA/KL/349/2014

Dated 29.08.2022

- Read :- 1. EC Proceedings issued vide order no. 222/SEIAA/KL/349/2014 dt.29.11.2014.
2. Minutes of the 129th SEAC meeting held on 8th to 10th June, 2022.
3. Minutes of the 116th SEIAA meeting held on 29th & 30th July 2022.
4. G.O (Rt.) No.29/2019/Envr dt.12.04.2019.

ORDER



Environment Clearance had been accorded for the Building Stone Quarry Project of M/s Karimala Granites & Aggregates Pvt. Ltd. for an area of 9.6118 Ha. in Sy. Nos. 286/10 (P), 286/1(P), 286/3(P), 286/4, 282/10, 278/4-1, 278/4-2, 278/4-3, 278/4-5, 278/4-4, 286/7(P), 286/2(P), 286/8(P), 286/6(P), 286/9(P), 278/6, 278/3(P), 278/2-1, 278/2, 278/7, 277/1(P), 277/9 and 286/5(P) at Kangazha Village, Changanassery Taluk, Kottayam, Kerala vide paper read (1) above.

2. As per the Judgment in WP (C) 12439 of 2020 (B) dated 02-11-2020, M/s Karimala Granites & Aggregates Pvt. Ltd. requested for an extension of validity period on 27-11-2020.

3. After field verification the 129th SEAC meeting held on 8th to 10th June, 2022, recommended extension of the validity of EC with Project life of 12 years from the date of the original EC (*i.e* 29.11.2014), subject to certain Specific Conditions in addition to the Specific and General Conditions stipulated in the original EC.

4. In the 116th SEIAA meeting held on 29th & 30th July 2022, the Authority decided to revalidate the Environmental Clearance for a period of 12 years from the date of issuance of original EC (29.11.2014). 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 To reduce the vibration of the ground, it is directed to use only NONEL (Non Electrical) technology for blasting.
- 2 Road leading to the main road from the project site should be maintained.
- 3 Mining activities including loading and transportation of mined materials should not be carried out between sun set and sunrise.
- 4 Garland canal should be laid considering the entire project area.
- 5 The garland canal along with silt traps, collection tanks, and outflow channel should be desilted periodically and geo-tagged photographs should be incorporated in the Half Yearly Compliance Report.
- 6 The overburden dump should be protected with a proper gabion wall to avoid soil erosion.
- 7 Green belt in the buffer should be strengthened with indigenous species and nurtured on a regular basis.
- 8 Steep faces of the quarry should be converted as benches.
- 9 Water stagnation in the quarry pit should be avoided. The proponent should provide an Affidavit to maintain a maximum of only 5m water column in the resultant quarry pit since the quarry is situated in an elevated place.
- 10 Overloading should not be done to prevent the alleged accidents in the locality.

5. In this circumstance, the EC issued vide paper (1) is **revalidated for a period of 12 years from the date of issuance of original EC (29.11.2014). The revalidation of EC is subject to Terms and Conditions in the original EC in addition to the**

General Conditions and the Additional Specific Conditions mentioned in Para 4 above.

6. The Half Yearly Compliance Report (HYCRs) with its contents, covering letter, compliance report and environmental monitoring data has to be uploaded in the PARIVESH portal and the website of the proponent. The HYCR mentioning the name of the project, EC No and date, period of submission are to be sent to the Regional Office of MoEF & CC and to SEIAA Kerala by email ID rosz.bng-mefcc@gov.in & seacseiaakerala@gmail.com, respectively. Hardcopy of HYCRs shall not be acceptable.



**Administrator, SEIAA
For Member Secretary, SEIAA**

To.

Sri. K.J. Thomas Kutty
Managing Director,
M/s Karimala Granites & Aggregates Pvt Ltd
Pathanad, Kangazha P.O.,
Chenganassery, Kottayam

Copy to:

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



ANNEXURE 2
Quarrying Lease

4

542/15

भारतीय गैर न्यायिक

भारत INDIA

I have satisfied myself that in production of Rs. equal to least a
hundred Rupees (one hundred Rupees) or more and
Rs. 500

on the end day of April 2016

पाँच सौ रुपये

FIVE HUNDRED
RUPEES

RS. 500

INDIAN NON JUDICIAL

കേരളം KERALA

FORM H

(See rule 43)

QUARRYING LEASE

Executant

K.J. Thomaskutty

F 269027



This deed of lease made on this the 29th day of March 2016 between the Governor of Kerala (hereinafter referred to as the "State Government" which expression shall, where the context so admits be deemed to include his successors and assigns) of the one part and M/s. Karimala Granites & Aggregates (P) Ltd, Pathanad, Kanjazha PO, Changanassery, Kottayam, -686541 (Represented by Sri K J Thomaskutty, Managing Director) aged 65 son of Sri. K. J. Joseph resident of Kannamthanathu House in the Vadaserikkara Village of Ranni Taluk of Pathanamthitta District having Pan No. AEZPK3762J (hereinafter called the "lessee/lessees" which expression shall where the context so admits, include his/ their heirs, executors, administrators, representatives and permitted assigns) of the other part,

Sri. K.J. Thomaskutty

[Signature]

29/3/2016

No. 13125

28.3.2016

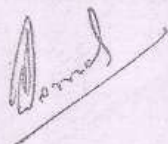
M/s Karimala Granites and Aggregates P.V.S Ltd Pathanad

C.M. S.H. HAN
STAMP VENDOR
KOTTAYAM
NO: 4/83-84

Witnesseth that in consideration of the rents and royalties and lessee's/Lessee's covenants, hereinafter reserved and contained the State Government hereby give on lease to the lessee/lessees the land measuring 5.2309 hectares described in the schedule hereunder and delineated on the plan hereto annexed and therein coloured red (hereinafter called the "said lands") to hold the same for a period of Ten (10) years commencing from the 29th March 2016 and ending on the 28th March 2026 for the purposes of extracting minor mineral/minerals and subject to the terms and conditions contained in the Kerala Minor Mineral Concession Rules, 2015 (hereinafter referred to as "the Rules") and to the terms and conditions hereinafter appearing.

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

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OF KERALA

therefrom. The lessee/lessees shall submit reports in Forms F and G on the specified dates.

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

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

7. In cases where explosives are not used for quarrying the lessee shall not carry on or allowed to be carried on any quarrying operations at or to any points within a distance of 75 metres from any railway line except with the previous written permission of the Railway Administration concerned; and any bridge on National High way or 50 metres from any reservoir, tanks, canals, rivers, bridges, public roads, other public works, residential buildings, the boundary walls of places of worship, burial grounds, burning ghats or any Government protected monuments or forest lands which do not conform to the category of wild life forests except with the previous permission of the authorities concerned or State Government or competent authority or any other officer authorised by the State Government in this behalf.

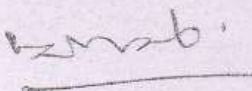
In cases where explosives are used for quarrying, the lessee shall not carry on or allowed to be carried on any quarrying operations at or to any points within a distance of 100 metres from any railway line, bridge, reservoir, tanks, residential buildings, Government protected monuments, canals, rivers, public roads having vehicular traffic, other public works or the boundary walls of places of worship or 50 metres from any burial grounds or burning ghats or village roads or forest lands which do not conform to the category of wild life forests.

The above said distances shall be measured in the case of a railway, reservoir or canal horizontally from outer edge of the cutting or outer edge of the bank, as the case may be and in the case of a building horizontally from the plinth thereof.

For the purposes of this clause the expression 'railway' and 'railway administration' shall have the same meaning as defined in sub sections (4) and (6) of section 3 of Indian Railway Act, 1890 (IX of 1890).

8. The sides of open workings shall be sloped, stepped or secured by the lessee in such a manner as to prevent slope failure, when an open working is worked in steps, steps shall be of sufficient breadth in relation to their height to secure safety. In open workings trees liable to fall and

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all loose ground and material shall be removed by the lessee sufficiently far from the edge or otherwise made source in order to prevent danger to persons employed in the quarry.

9. If a working place is found to be unsafe all persons shall be withdrawn by the lessee/lessees immediately from the dangerous area and all access to such working place except for the purpose of removing the danger of saving life shall be prevented by securely fencing the full width of all entrances to the place.
10. The lessee/lessees shall at all reasonable times allow any officer authorised by the Central Government or by the State Government in that behalf to inspect the said lands and the buildings and plants erected thereon and the lessee/lessees shall assist such persons in conducting the inspection and afford them all information they may reasonably require, and shall conform to and observe all orders which the Central and State Governments as the result of such inspection or otherwise, may from time to time pass.
11. The lessee shall be responsible for implementing the provisions of the various labour laws applicable, from time to time, to the quarry.
12. The lessee/lessees shall not assign or underlet the said lands or any part thereof or the rights or privileges, therein hereby granted or any of them without the previous permission in writing of the State Government / competent authority:
13. Where the lease or any right, title or interest therein has been assigned, sublet or transferred as provided in rule 45 read with condition 12, then the person in whose favour such assignment, sublease or transfer has been made shall be responsible for implementing the provisions of the various labour laws applicable, from time to time, to the quarry.
14. The lease may be surrendered by the lessee/lessees at any time after 3 months notice in writing to the State Government/competent authority: Provided that the lessee/lessees has/have paid all sums due on account of the lease. Provided that if the lessee/lessees elects/elect to determine this lease before the expiry of the term of the lease, shall pay in addition to other dues a sum equal to the dead rent payable for the remaining part of the term of the lease deed.
15. If the lessee/lessees shall be desirous of taking a further lease of the said lands for a further term of 10 years he/they shall give three months' previous notice in writing of such desire to the State Government/Competent authority and if the lessee/lessees has/have duly observed all the conditions of this lease, the State Government/competent authority may agree to renew the lease for such further term and on such terms and conditions as the State Government/Competent authority may determine which shall be in accordance with the provisions of these rules, with a new deed

Sri. K.J. Thomaskutty

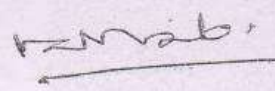



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COIMBATORE

16. If the lessee/lessees shall at any time during the said term use the said lands or any part thereof in any manner other than as authorised by this lease or fail to carry on quarrying operations continuously without sufficient cause of which the State Government/Competent authority shall be the judge or shall commit a breach of any of the conditions of this lease it shall be lawful for the State Government/Competent authority to cancel this lease and take possession of the said lands or the alternative to receive from the lessee/lessees such penalty not exceeding Rs. 25000/- for the breach as the State Government/Competent authority may fix.
17. If at the expiration of three calendar months after the expiry of the lease or its sooner determination, there shall remain in or the said lands, any engines, machinery, plant buildings, structures and other works erections and conveniences the said minerals or other property which the lessee/lessees are entitled to remove from the said lands, the same shall, if not removed by the lessee/lessees within one calendar month after notice in writing requiring their removal be given to the lessee/lessees by the State Government/Competent authority be deemed to become the property of the State Government in such manner as they may deem fit without liability to pay any compensation or to account to the lessee/lessees in respect thereof.
18. This lease subject to all rules and regulations which may from time to time be issued by the State Government regulating the working of the quarries and other matters affecting safety, health and convenience of the lessee's/lessees' employees or of the public, whether under the Indian Mines Act or otherwise.
19. The lessee/lessees shall without delay send to the District Collector and the competent authority or the officer authorized by him in this regard report of any accident causing loss of life or serious bodily injuries or seriously affecting or endangering life or property which may at any time occur at or in the said lands in the course of operations under this lease.
20. The lessee/lessees shall furnish such reports and returns relating to output, labourers employed and other matters as the State Government may prescribe.
21. The lessee/lessees shall make and pay such reasonable compensation as may be assessed by lawful authority in accordance with the law in force on the subject for all damage, injury or disturbance which may be done by him/them in exercise of the powers granted by this lease and shall indemnify

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 COLLECTORATE, RAIPUR

and shall keep indemnified fully and completely the State Government against all claims which may be made by any person or persons in respect of any such damage, injury or disturbance and all costs and expenses in connection therewith.

22. Any condition prescribed in the Kerala Minor Mineral Concession Rules, 2015 but left out in this lease which may be found applicable to the lessee/lessees shall be treated as binding on the lessee/lessees.
23. In this case anticipated royalty for the mineral at rate of Rs 24/- (Rupees Twenty Four only) per tone for a period of one year is Rs.4800000/- (Rupees Forty Eight Lakhs only)
24. Dead rent realized at the rate of 1st year NIL 2nd year Rs.300/- (Rupees Three Hundred only) and 3rd year onwards Rs.1200/- (Rupees One Thousand and Two Hundred Only) per hectare subject to revision from time to time. Surface rent at the rate of Rs.200/- (Rupees two hundred only) per hectare for one year is Rs.1046/- (Rupees one thousand and forty six only) security deposit is Rs.52309/- (rupees fifty two thousand three hundred and nine only)
25. The Quarry Lease will become invalid if the lease to renew the EC after 28/11/19
26. This Lease agreement is prepared and registered in original with Two duplicates thereof.

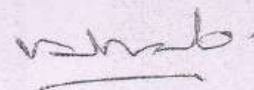
The Schedule of description of land

District	:	Kottayam
Sub District	:	Karukachal
Thaluk	:	Changanacherry
Village	:	Kangazha
Kara	:	Kangazha
Panchayath	:	Kangazha
Block No.	:	20
Old Sy. No.	:	463/1, 447/1A/1/57/98, 447/1A, 447/1A/1, 447/1A/1/21
Resurvey / Survey No of the Area	:	Sy. No. 278/7, 278/2-1, 278/2, 278/3, 278/4-4, 278/4-1, 278/4-2, 278/4-3, 278/4-5, 278/6, 277/9, 277/1, 286/5, 286/2, 286/8, 286/4, 282/10
Area in Hectares	:	5.2309 Hectares*

Bounded by Survey Numbers

On the North by	:	Re. Sy. No.278/1-2, 275
On the East by	:	Re. Sy. No.286/2, 286/7, 286/9, 286/3
On the South by	:	Re. Sy. No.282/3, 282/4, 282/5, 286/1
On the West by	:	Re. Sy. No. 278/1-1, 280/2, 280/7, 281/5, 281/7, 282/1, 282/2, 282/3

K.J. Thomaskutty

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DISTRICT OFFICE
DEPT. OF MINING AND GEOLOGY
COLLECTORATE P.O. KOTTAYAM-686 001

In witness whereof the parties hereto have set their hands here unto on the day and year first above written.



mmb.

Signed by
GOVT. OF
KERALA

Sri. M. M. Vahab

GEOLOGIST
DISTRICT OFFICE

Geologist

DEPT. OF MINING AND GEOLOGY
COLLECTORATE P.O. KOTTAYAM-686 002

Department of Mining & Geology

District Office, Kottayam

for and on behalf of the Governor of Kerala. In the presence of:

- (1) SHEENAMOL V.T
Asst. Geologist
Department of Mining and Geology
District office, Kottayam.

[Signature]

- (2) SHAMEER-S
Clerk.
Dept of Mining and Geology
Dist office, Kottayam

[Signature]

Signed by

Sri. K.J. Thomaskutty

Kannamthanathu (H), Vadasserikkara P.O., Pathanamthitta Dt.

[Signature]

for and on behalf of the lessee/lessees In the presence of:

- (1) Menial Varghese
Attakkalil
maelamon P.O.
Perumal

[Signature]

- (2) Jobin. P Sam
Panangalla Thundiyil (H)
Kari Kattalloor. C.P.O
Marimela

[Signature]

ANNEXURE 3
Explosive License

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

(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)
(See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)(ग) उपयोग के लिए एक समय पर वर्ग 1, 2, 3, 4, 5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक रखने के लिए अनुज्ञप्ति
Licence to possess : (c) for use, explosives of class 1, 2, 3, 4, 5, 6 or 7 in a magazine

अनुज्ञप्ति सं. (Licence No.): E/SC/KL/22/823(E38836)

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

1. Licence is hereby granted to

Shri K.J.THOMAS, Managing Director (अधिभोगी / Occupier : Mr.K.J.Thomas), Karimala Granites, Kannamthanathu House, Vadasseri kara P.O. Pathanamthitta., Town/Village - Vadasseri kara, District-PATHANAMTHITTA, State-Kerala, Pincode - 686515



को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्राप्ति | Status of licensee : Company

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमाम्य है।

Licence is valid only for the following purpose.

possess for use of Nitrate Mixture, Detonators, Safety Fuse, - के उपयोग के लिए

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

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

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	250 Kg.
2.	Detonators	6, 3	0	3000 Nos.
3.	Safety Fuse	6, 1	0	2000 Mtrs

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

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

: 20 times
as above.

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

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

रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/823(E38836)

दिनांक (Dated) 25/10/2006

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

Survey No. 286/9, ग्राम (Town/Village) : Kangazha, Changanacherry taluk

पोलिस थाना (Police Station) : Karukachal

जिला (District) KOTTAYAM

राज्य (State)

Kerala

पिनकोड (Pincode)

दूरभाष (Phone)

ई. मेल (E-Mail)

फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

The licensed premises consist of following facilities.

: Two Portable Magazines additional third magazine thekkan total three magazines

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

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

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

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

2. अनुज्ञप्ति प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञप्ति की शर्तों और अतिरिक्त शर्तों।

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

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

9. यह अनुज्ञप्ति तारीख 31 मार्च 2008 तक विधिमाम्य रहेगी। This licence shall remain valid till 31st day of March 2008.

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

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

तारीख | The Date - 25/10/2006

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

Amendments :

- Amendment in Drawings/Facilities/Premises dated : 14/12/2022
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 14/12/2022
- Amendment in Drawings/Facilities/Premises dated : 03/07/2023
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 03/07/2023
- Amendment in Drawings/Facilities/Premises dated : 27/09/2023

Transfers :

- Change in Licensee Name/Address/Status dated : 09/10/2012

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
22/01/2025	31/03/2030	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



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

संख्या (No.): E/SC/KL/22/823(E38836)

सेवा में | To,

Shri K.J.THOMAS, Managing Director,
Karimala Granites, Kannanthanathu House, Vadasserikara P.O. Pathanamthitta., Town/Village - Vadasserikara
District-PATHANAMTHITTA, State-Kerala, Pincode - 686515

दिनांक (Date): 22/01/2025

विषय: Survey No.286/9, ग्राम Kangazha, Changanacherry taluk, जिला KOTTAYAM, राज्य Kerala में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/823(E38836) के नवीनीकरण संदर्भ में।

Subject: Possession for Use of Explosives from magazine situated at Survey No.:286/9, Kangazha, Changanacherry taluk, Dist. KOTTAYAM, Kerala -Licence No.: E/SC/KL/22/823(E38836) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या 138498 दिनांक 07/01/2025 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक 31/3/2030 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।

Reference to your letter No.: 138498 dated: 07/01/2025, the subject licence duly renewed upto 31/3/2030 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/ 2030 से पहले इस कार्यालय को भेजे जाएं।

For further renewal of licence, please submit the following documents so as to reach this office on or before 31/3/2030.

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

भवदीय | Your's faithfully

(रंजीत पी.ए. | Renjith P A)

उप विस्फोटक नियंत्रक | Dy. Controller of Explosives

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

कोच्ची | Ernakulam

प्रतिलिपि प्रेषित | Copy Forwarded to:

- ज़िला मजिस्ट्रेट (District Magistrate), KOTTAYAM (Kerala)- सूचना के लिए (for information.)

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

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

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Digitally signed by Renjith P A
Reason: Licence No. : E/SC/KL/22/823
Location: Ernakulam [E38836]
Date: 22-01-2025 16:27:37 PM



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भारत सरकार | Government of India
वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो) | Petroleum & Explosives Safety Organisation (PESO)
पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives
A और D - विंग, ब्लॉक 1-8, दूसरा तल, शास्त्री भवन | A & D - Wing, Block 1-8, IInd Floor, Shastri Bhavan
26 हड्डोडस रोड, नुंगम्बक्कम चेन्नै | 26 Haddous Road, Nungambakkam Chennai 600006
फोन (Phone):- 28281023 | फैक्स (Fax):- 28284848

संख्या (No.): E/SC/KL/22/823(E38836)

दिनांक (Date): 03/07/2023

सेवा में | To,

Shri K.J.THOMAS, Managing Director,
Karimala Granites, Kannamthanathu House, Vadasserikara P.O. Pathanamthitta., Town/Village - Vadasserikara
District-PATHANAMTHITTA, State-Kerala, Pincode - 686515

विषय: Survey No.286/9, ग्राम Kangazha, Changanacherry taluk, जिला KOTTAYAM, राज्य Kerala में मेसर्स Shri K.J.THOMAS, Managing Director द्वारा विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/823(E38836) के संशोधन संदर्भ में।
(विस्फोटक की मात्रा / मासिक खरीद सीमा में परिवर्तन आरेखण / सुविधाएं / परिसर में परिवर्तन)
Subject: Possession for Use of Explosives from magazine situated at Survey No.:286/9, Kangazha, Changanacherry taluk, Dist. KOTTAYAM, Kerala -Licence No.: E/SC/KL/22/823(E38836) granted in Form LE-3 of Explosives Rules, 2008 -
(Amendment of Quantity of Explosives/Monthly Purchase Limit Amendment in Drawings/Facilities/Premises).

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या 92617 दिनांक 03/07/2023 का संदर्भ ग्रहण करें।
Please refer to your letter no. 92617 dated 03/07/2023.

अनुज्ञप्ति संख्या E/SC/KL/22/823(E38836) usage of Explosives at the Proposed Granite Building Stone Quarry Granted to the Licensee situated at Re. Survey No. 278/7, 278/2-1, 278/2-3, 278/4-4, 278/4-1, 278/4-2, 278/4-3, 278/ 4-5, 278/6, 277/1,9, 286/2,4,5,8 & 282/10, Kangazha Village, Changanassery Taluk, Kottayam District, Kerala, wide the FORM H (Deed No. 13105/28.03.2016), Executed by Department of Mining & Geology, Kottayam under the following conditions. 1.Opening of Mines should be intimated to DGMS and Director of Mines & Geology. 2.Blasting Operations should be conducted as per Mines Act & Rules. 3. Usage of Explosives to be as per Explosives Rules, 2008 and all records to be maintained as per the Explosives Rules, 2008. 4. All unused Explosives should be returned to Explosive magazine before Sunset. के संदर्भ में यथा संशोधित कर भेजी जा रही है।
The Licence No.: E/SC/KL/22/823(E38836) is forwarded herewith duly amended in respect of followings ;

usage of Explosives at the Proposed Granite Building Stone Quarry Granted to the Licensee situated at Re. Survey No. 278/7, 278/2-1, 278/2-3, 278/4-4, 278/4-1, 278/4-2, 278/4-3, 278/ 4-5, 278/6, 277/1,9, 286/2,4,5,8 & 282/10, Kangazha Village, Changanassery Taluk, Kottayam District, Kerala, wide the FORM H (Deed No. 13105/28.03.2016), Executed by Department of Mining & Geology, Kottayam under the following conditions. 1.Opening of Mines should be intimated to DGMS and Director of Mines & Geology. 2.Blasting Operations should be conducted as per Mines Act & Rules. 3. Usage of Explosives to be as per Explosives Rules, 2008 and all records to be maintained as per the Explosives Rules, 2008. 4. All unused Explosives should be returned to Explosive magazine before Sunset.

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	250	Kg.
2	Detonators	6	3	0	3000	Nos.
3	Safety Fuse	6	1	0	2000	Mtrs

किसी एक कैलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा (अनुच्छेद 3 (ख) और (ग) के अधीन अनुज्ञप्ति के लिए लागू) : 20 गुना
Quantity of explosives to be purchased in a calendar month[applicable for licensee under article 3(b) and (c)] : 20 times as above.

यह अनुज्ञप्ति दिनांक 31 मार्च 2025 तक प्रवृत्त रहेगी।

This Licence shall remain valid till 31st day of March 2025.

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 कोची
The Dy. Chief Controller of Explosives, Kochi
- District Magistrate, KOTTAYAM, Kerala with reference to his Noc No: H4-55601/2011/K.Dis Dated: 20/01/2012
- Superintendent of Police, KOTTAYAM, 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://pcso.gov.in> देखें.)
(For more information regarding status, fees and other details please visit our website <http://pcso.gov.in>)

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Digitally signed by Dr T L THANULINGAM
Reason: Licence No. : E/SC/KL/22/823
Location:Chennai [E38836]
Date:03-07-2023 14:47:40 PM



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ANNEXURE 4

Mines Manager Certificate

Cert No. SMR-E / 6857



भारत सरकार/Government of India

खान अधिनियम, 1952/Mines Act, 1952

खनन परीक्षा बोर्ड/Board of Mining Examinations

द्वितीय श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र

SECOND CLASS MANAGER'S CERTIFICATE OF COMPETENCY

(केवल ओपनकास्ट खानों तक सीमित)

(Restricted to mines having opencast workings only)

(धात्विकीय खान विनियम, 1961 के अन्तर्गत)

(Under the Metalliferous Mines Regulations, 1961)

श्री जेथमराज एम सुपुत्र मधु सी
जिनकी जन्म तिथि 20.07.1997 है, को विहित अर्हताएं एवं अनुभव प्राप्त करने का सन्तोषजनक प्रमाण प्रस्तुत करने पर एतद्वारा केवल ओपनकास्ट धात्विकीय खानों के प्रबंधन हेतु द्वितीय श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र प्रदान किया जाता है। यह प्रमाण-पत्र दिनांक 18 जुलाई 2019 से प्रभावी है।

Shri JETHAMRAJ M son of MADHU C
born on 20 JULY 1997 having given satisfactory evidence of possessing the prescribed qualifications and experience is hereby granted SECOND CLASS MANAGER'S CERTIFICATE OF COMPETENCY to manage the metalliferous mines having opencast workings only. This certificate is effective from. 18.07.2019


सचिव

खनन परीक्षा बोर्ड

Secretary

Board of Mining
Examinations



अध्यक्ष

खनन परीक्षा बोर्ड

Chairman

Board of Mining
Examinations

Signed and Sealed

Date 21/05/2020

ANNEXURE 5
Panchayat License



കുടുംബ ഗ്രാമപഞ്ചായത്തിൽ നിന്നും

1994ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകളും

അതേ തുടർനുള്ള ചട്ടങ്ങളും അനുസരിച്ച്

ഫാക്ടറികൾ, വ്യാപാരങ്ങൾ, സംരംഭങ്ങൾ, മറ്റു സേവനങ്ങൾ എന്നിവയ്ക്കായി നൽകുന്ന

ലൈസൻസ്

നമ്പർ : 400522/RPTL19/General/2025/635

തീയതി : 24.03.2025

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	കെ ജെ തോമസ്സ്, കരിമല ഗ്രാനൈറ്റ്	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	കരിമല ഗ്രാനൈറ്റ്സ് ആൻഡ് അഗ്രിഗേറ്റ്സ് പ്രൈവറ്റ് ലിമിറ്റഡ്	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	പാറമട	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	15/92, സരേവ്വ നമ്പർ 278/2, 2-1, 278/3, 4-1, 4.2, 4-3, 4-4, 4-5, 278/6, 278/7, 277/1, 277/9, 286/2, 286/4, 286/5, 286/8, 282/10	
ലൈസൻസ് കാലയളവ്	01-04-2025 മുതൽ 31-03-2026 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്, മോട്ടോർ റെഗിസ്ട്രേഷൻ ഫീസ്	₹15000 2000/-	രസീത് നം: 1240103225 തീയതി: 01-03-2025
തൊഴിൽക്കരം	₹1250 + ₹1250	രസീത് നം: 1240103225 തീയതി: 01-03-2025
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷേപപത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)	1. പൊലുഷൻ കൺട്രോൾ ബോർഡിന്റെ 29.11.2026 വരെയുള്ള അനുമതി 2. ചീഫ് കൺട്രോളർ ഓഫ് എക്സ്പ്ലോസീവിന്റെ 31.03.2030 വരെയുള്ള അനുമതി 3. സ്റ്റേറ്റ് ലെവൽ എൻവൈറോൺമെന്റ് ഇംപാക്ട് അസസ്സ്മെന്റ് അതോറിറ്റിയുടെ 29.08.2022 തീയതിയിലെ നടപടി ക്രമം	

സെക്രട്ടറി

കുടുംബ ഗ്രാമപഞ്ചായത്ത്

കുടുംബ ഗ്രാമപഞ്ചായത്ത്
 സെക്രട്ടറി
 കുടുംബ ഗ്രാമപഞ്ചായത്ത്
 കമ്മ്യൂണിറ്റി, കോട്ടയം 686 041
 ഫോൺ-0481-2494921
 ഫാക്സ്-048604472

Signature Not Verified

Digitally signed by Mohamed Rakheeb T S
 Date: 2025.03.27 12:41:20 IST
 Reason: ILGMS Gold of Kerala



Scanned with OKEN Scanner

ലൈസൻസി താഴെപ്പറയുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു.

1. കേരള പഞ്ചായത്ത് രാജ് ആക്ടും അനുബന്ധങ്ങളും ചട്ടങ്ങളും ബൈഗോകളും അനുസരിച്ചു പ്രവർത്തിക്കേണ്ടതാകുന്നു.
2. തൊഴിൽസ്ഥലവും അതിലുള്ള സാധനസാമഗ്രികളും പഞ്ചായത്ത് അധികാരികൾക്കോ / സെക്രട്ടറി അധികാരപ്പെടുത്തുന്ന മറ്റ് ഉദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസൻസി വേണ്ട സൗകര്യങ്ങൾ നൽകേണ്ടതും അവർ ആവശ്യപ്പെട്ടാൽ ഈ ലൈസൻസ് കാണിക്കേണ്ടതാകുന്നു.
3. ഏതു സ്ഥലത്തിന്റെ കാര്യത്തിൽ ലൈസൻസ് നൽകിയിരിക്കുന്നുവോ ആ സ്ഥലത്ത് എല്ലാവിധം കാണ്മാനാശയത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസൻസി തന്റെ പേരും ലൈസൻസിന്റെ നമ്പരും ഉദ്ദേശ്യവും കാണിക്കുന്ന ഒരു അടയാളച്ചുവട് വെച്ചിരിക്കേണ്ടതാണ്.
4. പഞ്ചായത്തിൽനിന്നും അനുവാദം സിദ്ധിച്ച ശേഷമല്ലാതെ തൊഴിൽസ്ഥലം മാറ്റാൻ പാടില്ലാത്തതും തൊഴിൽ നിർത്തുന്ന പക്ഷം വിവിധ മൂൻകൂട്ടി പഞ്ചായത്തിന് അറിയിക്കേണ്ടതാകുന്നു.
5. തൊഴിൽസ്ഥലവും പരിസരങ്ങളും നൃത്തിനായും സാംക്രമികമോശാണുക്കൾ ഉണ്ടാകാത്തവിധത്തിലും പൊതുജനോപദ്രവമാകാത്ത വിധത്തിലും വ്യാപാരത്തിന് വെച്ചിട്ടുള്ള ഭക്ഷണപദാർത്ഥങ്ങൾ ഈച്ച, അണക്കൾ, പൊടി മുതലായവയുടെ ശല്യം ഉണ്ടാകാത്ത വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ്.
6. ഏതൊരു പ്രവൃത്തിദിവസത്തിന്റെയും ഒട്ടവിൽ സ്ഥലം നൃത്തിയാക്കേണ്ടതാണ്.
7. ആ സ്ഥലത്തിന്റെയോ പരിസരത്തിന്റെയോ ഏതെങ്കിലും ഭാഗത്ത് വീഴുകയോ നിക്ഷേപിക്കപ്പെടുകയോ ചെയ്യുന്ന ചപ്പുചവറോ മൃഗങ്ങളുടെ അവശിഷ്ടങ്ങളോ മറ്റ് പാർശ്വമോ ശോധിച്ച് സെക്രട്ടറിക്ക് തൃപ്തികരമായ രീതിയിൽ നീക്കം ചെയ്യിക്കേണ്ടതാണ്.
8. ലൈസൻസി ഏതൊരു കെട്ടിടത്തിന്റെയും ചുമരുകളുടെ അകവശത്തിന്റെ ഏതൊരു ഭാഗവും മേൽപ്പറഞ്ഞ പരിസരത്തിലുള്ള തറയും നടപ്പാതയും അവിടെ തെറിച്ച് വീഴാനിടയുള്ള ഏതെങ്കിലും ദ്രാവകമോ, മാലിന്യമോ ചപ്പുചവറോ അസഹ്യവും ഉപദ്രവകരമായ ഏതെങ്കിലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് തടയേണ്ടതാണ്. എപ്പോഴും നന്നായി കേടുപാടു തീർത്തു നിലനിർത്തേണ്ടതാണ്.
9. ലൈസൻസി മേൽപ്പറഞ്ഞ സ്ഥലത്തോ, പരിസരത്തോ അതോടുചേർന്നുള്ള ഏതൊരു ഓവുചാലും അഴുക്കുജലം കളയുന്നതിനുള്ള ഉപകരണവും എപ്പോഴും നന്നായി കേടുപാടുതീർത്തും വെച്ചിരിക്കേണ്ടതാണ്.
10. അധിതോ ആപരിക്കുന്ന കടകളുടെ ലൈസൻസ് നട്ട് ചെയ്യുന്നതാണ്.
11. ഏതെങ്കിലും തരത്തിലുള്ള തൃക്കു് രോഗമോ കഷ്ടതാഗമമോ, വൃണമോ പകർച്ചവ്യാധികളോ ഉള്ള യാതൊരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന സ്ഥലത്തോ പരിസരത്തോ പ്രവർത്തിക്കുവാൻ പാടില്ലാത്തതാകുന്നു.
12. നിരോധിത പ്ലാസ്റ്റിക് ഇനങ്ങൾ ഉൽപ്പാദിപ്പിക്കുകയോ ശോധരിക്കുകയോ വിൽക്കുകയോ കൈകാര്യം ചെയ്യുകയോ പാടില്ല.
13. സ്ഥാപനത്തിന്റെ ബോർഡിൽ സ്ഥലനാമം മലയാളത്തിലും ഇംഗ്ലീഷിലും രേഖപ്പെടുത്തേണ്ടതാണ്.
14. 20 സീറ്റിൽ കൂടുതലുള്ള എല്ലാ ഹോട്ടലുകൾക്കും റെസ്റ്റോറന്റുകൾക്കും ടോയിലെറ്റ് സൗകര്യം ഏർപ്പെടുത്തേണ്ടതാണ്.
15. നിരോധിത ഉൽപ്പന്നങ്ങളായ പാൻജസാല, ഗുഡ്ക തുടങ്ങിയവ സംഭരിച്ചു വെക്കുവാനോ വിൽക്കുവാനോ പാടില്ല.
16. ബാലവേല അനുവദിക്കുവാൻ പാടില്ല.
17. മുകളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളുടെ ലംഘനം ഈ ലൈസൻസ് നട്ട് ചെയ്യുന്നതിന് കാരണമാകാവുന്നതാണ്.
18. പൊതുജനവകുപ്പിന്റെ 13-06-2020ലെ സ.ഉ.(സാധാ) 1877/2020/പൊ.ഭ.വ. ഉത്തരവ് പ്രകാരമുള്ള കോവിഡ് പ്രൊട്ടോക്കോൾ പാലിക്കണം.
19. തദ്ദേശ സ്വയം ഭരണ വകുപ്പിന്റെ 22-07-2017ലെ സ.ഉ.(സാധാ) 2511/2017/ത.സ.ഭ.വ. പ്രകാരമുള്ള ഉറവിട മാവിന്യ സബ്ജക്റ്റ് സംവിധാനം സ്ഥാപിക്കണം.
20. മറ്റ് വകുപ്പുകളിൽ നിന്നും അനുവദിച്ചിട്ടുള്ള പെർമിഷൻ, ലൈസൻസ്, മറ്റ് ക്ലിയറൻസുകൾ എന്നിവ അതത് ഡയറക്ടറുടെ പുതുക്കേണ്ടതാകുന്നു. അല്ലാത്ത പക്ഷം പഞ്ചായത്ത് അനുവദിച്ചിട്ടുള്ള ലൈസൻസ് സ്വയേച്ഛയാ റദ്ദാകുന്നതാണ്.



സെക്രട്ടറി
 പഞ്ചായത്ത് പ്രാധിപമായത്

NB. ഈ ലൈസൻസ് ഡിജിറ്റലായി ഒപ്പ് വെച്ചിട്ടുള്ളതായിട്ടാൽ പ്രത്യേകമായ ഒരു സീലും ആവശ്യമില്ല. ഈ ലൈസൻസ് അനുസരിക്കുന്ന തീയതിക്ക് മുമ്പുള്ള ദിവസത്തിനകം ലൈസൻസ് പുതുക്കുന്നതിനുള്ള അപേക്ഷ സമർപ്പിക്കേണ്ടതാണ്.

സെക്രട്ടറി
 (നാമപ്രകാരം)
 തി.മ. 12/08/2021
 ഫോൺ-0481-2494321
 ഫാക്സ്-0481-2494321

ANNEXURE 6
Consent from KSPCB

FILE NO : KSPCB/KT/ICO/10021419/2023

Date of issue : 14-03-2023



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO

OPERATE/AUTHORISATION/REGISTRATION

ISSUED UNDER

The Water (Prevention & Control of Pollution) Act, 1974

The Air (Prevention & Control of Pollution) Act, 1981

and

The Environment (Protection) Act, 1986

As per Application No. : 10021419

Dated : 08-02-2023

To

**Karimala Granites and Aggregates Pvt. Ltd. (Quarry Unit)
Pathanadu, Kangazha P.O. , Kottayam**

Consent No. : KSPCB/KT/ICO/10021419/2023

Valid Upto : 29-11-2026

1. GENERAL

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

1	VALIDITY	29-11-2026
2	Name and Address of the establishment	Karimala Granites and Aggregates Pvt. Ltd. (Quarry Unit) Pathanadu, Kangazha P.O. , Kottayam E-Mail : cleanlineconsultancy@gmail.com Contact Number : 9447455890
3	Occupier Details	K J THOMASKUTTY KANNAMTHANATHU HOUSE, VADASSERIKARA P.O, PATHANAMTHITTA. E-Mail : cleanlineconsultancy@gmail.com Contact Number : 0
4	Local Body	Kangazha
5	Survey Number	278/2, 2-1, 3, 7, 4-2, 4-1, 4-3, 4-4, 4-5, 6, 277/1, 9, 286/2, 3, 4, 5, 8, 282/10
6	Village	Kangazha
7	Taluk	Changanassery
8	District	KOTTAYAM
9	Capital Investment(Rs in Lakhs)	250.0
10	Scale	Small
11	Category	RED
12	Annual fee(Rs)	32500.0
	Total Fee remitted(Rs)	113750.0
13	Activity	Granite Rubbles-100 Metric Tonnes/Day
14	Machinery details	Compressor – 2 nos , Hitachi – 2 nos

2.Conditions as Per The Water(Prevention and Control of Pollution)Act, 1974

2.1 In case of generation of trade effluent from the industry, effluent treatment system consisting of treatment units having adequate capacity established as per the proposal submitted along with the application shall be made functional before commissioning. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1) (g) of the Water Act shall also be made along with.

2.2 Water Consumption : 5000 LPD

2.3 Effluent Generation: 4000 LPD

2.4 Sewage / waste water with only organic contaminant if any, generated in the unit, shall be discharged through scientifically designed septic tank and soak pit system as per the follows IS code.

i. Septic tank as per IS 2470 (Part 1): 1985.

ii. Soak pit with sealed bottom, honey comb side wall 65 cm thick 2 mm sand all around.

Mode of disposal of treated effluent: Soakpit

2.5 Soak pit shall be at least 10 m away from the water intake well/nearby drinking water wells

3. Conditions as Per The Air(Prevention and Control of Pollution)Act, 1981

3.1 Adequate air pollution control measures shall be provided before commissioning of the industry. Additional facilities required, if any, to achieve the standards laid down by the

3.2 All operations likely to produce dust or noise shall be carried out within sufficiently closed and insulated area

3.3 The PM₁₀ in ambient air at the boundary shall not exceed 100 microgram / m³

3.4 The PM_{2.5} in ambient air at the boundary shall not exceed 60 microgram/m³

3.5 There shall not be any fugitive emission from the premises

3.6 The D. G. sets shall be provided with a minimum chimney height 0.2 root of KVA meters above roof level of the highest nearby building (Where KVA is the capacities of all DG sets). The D. G. sets shall be placed at a minimum distance of root of (KVA/2) meters from the neighbouring residences / worship places / institutions (where KVA is the capacity of DG sets).

4. Conditions as Per The Environment (Protection) Act, 1986.

4.1 The construction activities shall be carried out strictly in compliance with the provisions of the Noise Pollution (Regulation and Control) Rules 2000. The sound level measured 1 m outside the boundary of the unit shall not exceed the National ambient noise standards applicable to adjoining area.

4.2 Used lead acid batteries shall be disposed of as per the Batteries (Management and Handling) Rules, 2001

4.3 Hazardous waste generated, if any, shall be handled as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.:NA

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

4.5 Proper Solid waste management system shall be provided in the unit, arrangements for collection, segregation, storage, handling and disposal of solid Waste including garbage shall be provided as per SWM Rules 2016 and the facility shall be maintained properly.

4.6 Organic waste management facility such as bio bin/biogas/aerobic bin/windrow compost etc of sufficient size shall be provided at source and mini material collection and resource recovery facility shall be provided for collecting, segregating and dispatching for recycling the inorganic waste generated in the unit.

4.7 Construction debris produced in the unit shall be disposed as per the provisions of Construction and Demolition (C&D) Waste Management Rules, 2016 and CPCB guideline.

4.8 Biomedical waste generated in the unit shall be disposed by biomedical waste management rules 2020

4.9 Plastic waste generated in the unit shall be disposed by plastic waste management rules, 2021. Single use plastic and other banned plastic items shall not be used in the unit.

5.GENERAL CONDITIONS

5.1 This consent is granted subject to the power of the Board to review and make variations in all or any of the conditions as per section 21(6) of the Air (Prevention & Control) of pollution Act 1981 & section 27 of the water (Prevention & control) of pollution Act 1974.

5.2 This consent, unless withdrawn earlier, shall be valid till the date specified in column 1.1 At the end of the validity period if the construction is not completed, the same shall be renewed. Late application shall be accepted only with fine as applicable.

5.3 For renewal of the consent in case of continuance of operation of the industry, application in the prescribed form shall be submitted through the web portal of the Board <http://www.keralapcbonline.com> for renewing the Consent on or before two months in advance to expiry date. Late application will be accepted with 10%(for application before expiry date) & 50% of yearly fee as late fee for application after due date.

5.4. The occupier shall comply with all the environmental rules and the related act stipulated by the government, relevant instructions issued by the Board in time to time for the prevention and control of pollution and protection of environment.

5.5 No change or alteration of the unit or equipment capacity shall be made without the prior permission of the Board. Any change in the particulars furnished in the references or in the identity of the occupier / authorised agent is to be intimated to the Board forthwith.

5.6 Adequate green cover and green belt shall be provided in the unit with continual improvement of number of trees and vegetation in and around the campus. Nonconventional energy sources (solar, wind, biogas, etc) shall be utilised to the maximum extent to meet the energy need.

5.7 Location of the unit shall be as shown in the drawing attached. No change or alteration to the above shall be made without obtaining prior permission from the board.

5.8 Consent to Operate / Authorisation shall be obtained before commissioning the building and after completing the institution of the unit including all pollution control measures.

5.9 Set back as per building rules shall be provided between the boundary and the building.

5.10 This consent is granted based on the particulars and affidavit submitted by the Entrepreneur and any violation/non-compliance/submission of false information will lead to cancellation of consent and stringent action against the applicant and occupier. In the case of noncompliance of integrated consent conditions, the consent issued will be withdraw/cancelled, and fee will be lapsed automatically.

5.11 The consented shall put up a sign board of size 6x4 ft. near the main entrance of the plant to display the name of the unit and important consent conditions.

5.12 The occupier shall comply with all the environmental rules and the related act stipulated by the government, relevant instructions Board may issue from time to time for the prevention and control of pollution and protection of environment.

Scientific Organic waste management facilities such as bio bin/biogas/aerobic bin/windrow compost etc of sufficient size shall be provided at source. For managing inorganic waste generated in the unit mini material collection and resource recovery facility shall be provided for collecting, segregating and dispatching for recycling the inorganic waste (plastic, metal, paper, glass etc) generated in the unit.

5.13 Arrangements of rain water harvesting including open well / Bore well/ Ground water recharging shall be provided. Rain water harvesting facility shall be installed in the unit within three month and photos of the same shall be submitted in this office via e-mail.

5.14 Any change in the unit and machinery/particulars furnished in the application/ attachments /or in the identity of the occupier/authorized agent is made, then the same shall be intimated to the Board and consent variation shall be obtained.

5.15 Maintain hygienic condition and good housekeeping practises shall be maintained in and around the unit.

5.16 Compound wall of sufficient height shall be provided for preventing noise pollution.

6. SPECIFIC CONDITIONS

6.1 “The consent issued from the Board will be valid only for a period during the period when all other statutory or necessary clearances from other concerned authorities are valid. The consent issued from the Board is only with respect to the powers vested under the Water Act, 1974, Air Act 1981 and Rules thereunder. The operation of the unit shall be commenced only after obtaining clearances from all concerned authorities”.

6.2 All the Conditions given in the Environmental clearance shall be strictly complied with, A copy of compliance report shall be submitted to the district office in regular interval specified in the EC.

6.3 Mining shall be only done as per the approved mining plan and approval of district geologist.

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

6.5 Regular wetting of the road in the premises of the unit quarry and approach roads near the quarry shall be done for avoiding excessive dust emission within and outside the boundary.

6.6 There shall not carry out any mining activity between 6.00 pm to 6.00 am.

6.7 There shall be a minimum distance of 50m from boundary of quarry operating area to residential building, place of worship, public buildings, public road having vehicular traffic, river or lake, railway line, bridges etc as per PCB/HO/CIRCULAR-01/03/2017, dated 10/10/2017.

6.8 Boundary shall be fenced before operation of quarrying activities.

6.9 Suitable species of trees and certain plants shall be planted and maintained within and along the periphery of the premises, forming a green belt to improve the environment. And reduce air and noise pollution.

6.10 Bench cutting method shall be adopted for quarrying. Blasting shall be done with electronic detonators and prior signals in specified time.

6.11 Quarrying operations shall be started only after obtaining Mining permit/lease from Mining and geology Department and D & O License under the Kerala Panchayat Raj Act from the concerned Local Self Government.

6.12 Adequate safety measures shall be provided in accordance with the fire & safety regulations.

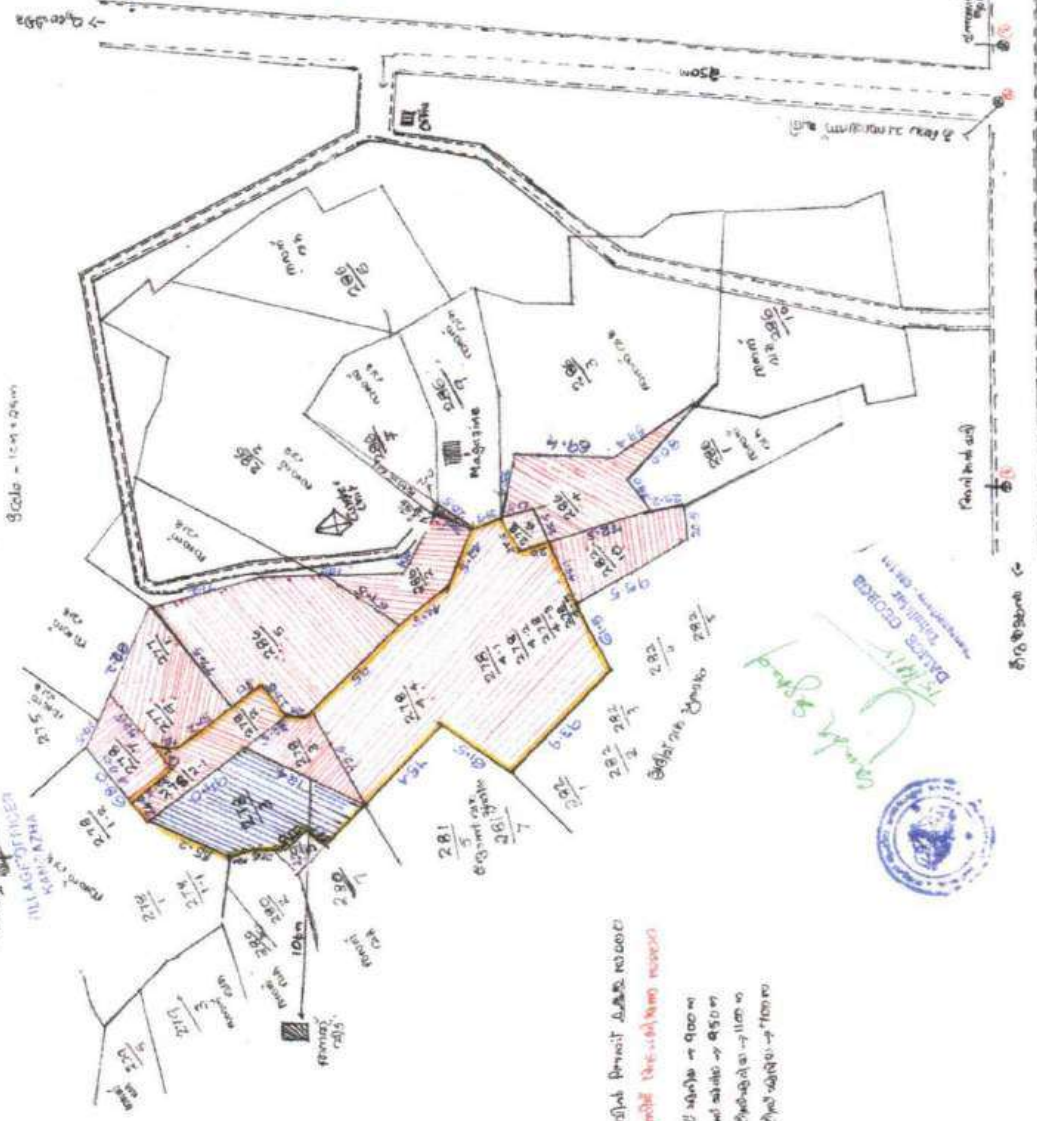
6.13 After completion of mining, the mining area shall be reclaimed as per approved mine closure plan.

6.14 Mining below normal water table by continuous pumping shall be avoided in summer period (March, April & May) to prevent drinking water shortage in that area.

6.15 No other machineries, other than that specified in the consent shall be operated in the quarry without prior Consent of the Board

SIGNATURE OF ISSUING AUTHORITY

ENVIRONMENTAL ENGINEER

[illegible]
$$g_{\text{cabo}} = 12.4 + 24.00 \times$$


ദേശാഭിമാനി പബ്ലിഷിംഗ്സ് - 10, എ. ബി. റോഡ്
 ചെന്നൈ - 600 009
 ഫോൺ: 2666 1111

1) மதுரை நகரம் முழுவதும் காவல் படைகள்
 2) காவல் படைகள் மதுரை நகரம் முழுவதும்
 3) காவல் படைகள் மதுரை நகரம் முழுவதும்
 4) காவல் படைகள் மதுரை நகரம் முழுவதும்
 5) காவல் படைகள் மதுரை நகரம் முழுவதும்
 6) காவல் படைகள் மதுரை நகரம் முழுவதும்
 7) காவல் படைகள் மதுரை நகரம் முழுவதும்
 8) காவல் படைகள் மதுரை நகரம் முழுவதும்
 9) காவல் படைகள் மதுரை நகரம் முழுவதும்
 10) காவல் படைகள் மதுரை நகரம் முழுவதும்

வினாக்கள்

ANNEXURE 7
Non-El purchase bill

GSTIN/ UIN: 32BBEPK8999J1Z0

KAIPUZHA HARDWARES*Authorised Dealer of Explosives & Chemicals*Lic. No. E/SC/KL/21/6 (E 9208)
ANGADI P.O RANNI- 689674

Phone: 04735225128

04735200048

Mobile : 9847025001

INVOICE FOR OUTWARD SUPPLYInvoice No. : **1010 B2B**
Invoice Date : 16-02-2026Transport Mode: By Road
Vehicle No.: KL-3 Q 9146Date of Supply: 16-02-2026
Place of Supply: KANGAZHA

Reverse Charge : N

State : Kerala

Billed To: K.J.THOMAS

KARIMALA GRANITE KANGAZHA

Lic.No. E/SC/KL/22/823 (E38836)

GSTIN/ UIN: 32AACCK7380E1ZQ

Sl.No	Product Description	HSN	UOM	Qty	Rate	Taxable Amount	CGST		SGST		IGST		Cess 1%	Total
							%	Amount	%	Amount	%	Amt		
1	Nonel 3mtr SOLARDET(CI 6(3))[577] BAR CODE	3603	Nos	600	23.00	13,800.00	9	1242	9	1242			0	16,284.00
Total						13,800.00		1,242.00		1,242.00			0.00	16,284.00

Total In Words: Rupees Sixteen Thousand Two Hundred Eighty-Four Only

Bank Details:

Certified that the particulars given above are true and correct

KAIPUZHA HARDWARESAuthorised Signatory
(With Status and Seal)

GSTIN/ UIN: 32BBEPK8999J1Z0

KAIPUZHA HARDWARES*Authorised Dealer of Explosives & Chemicals*Lic. No. E/SC/KL/21/6 (E 9208)
ANGADI P.O RANNI- 689674

Phone: 04735225128

04735200048

Mobile : 9847025001

INVOICE FOR OUTWARD SUPPLYInvoice No. : **0808 B2B**
Invoice Date : 08-12-2025Transport Mode: By Road
Vehicle No.: KL-3 Q 9146Date of Supply: 08-12-2025
Place of Supply: KANGAZHA

Reverse Charge : N

State : Kerala

Billed To: K.J.THOMAS
KARIMALA GRANITE KANGAZHALic.No. E/SC/KL/22/823 (E38836)
GSTIN/ UIN: 32AACCK7380E1ZQ

Sl.No	Product Description	HSN	UOM	Qty	Rate	Taxable Amount	CGST %	CGST Amount	SGST %	SGST Amount	IGST %	IGST Amt	Cess 1%	Total
1	Nonel 3mtr Supremedet - s combidet 3 mtr[10131] BAR CODE	3603	Nos	600	23.00	13,800.00	9	1242	9	1242			0	16,284.00
Total						13,800.00		1,242.00		1,242.00			0.00	16,284.00

Total In Words: Rupees Sixteen Thousand Two Hundred Eighty-Four Only

Bank Details:

Certified that the particulars given above are true and correct

KAIPUZHA HARDWARESAuthorised Signatory
(With Status and Seal)

ANNEXURE 9

Environmental Monitoring Cell Minutes

43

12/11/2025

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2. നിർദ്ദേശങ്ങൾ

- [illegible]

[illegible]

മെ 2/87 ന് നിലകൊള്ളുന്നു.
 മേന്മയ്ക്ക് നിലവിൽ മാത്രം നല്ല പണക്ക് കോട്
 നൽകിയിട്ടുണ്ട്.

SIBIMATHY
നിന്നി മാർച്ച്
മേയ്

Meeting of Environment Monitoring Cell minutes

45
7/03/2026

Thiruvananthapuram

കുറിശ്ശി ഗവണ്മെന്റ് സ്കൂൾ നാളിടേക്ക് നൽകിയ
ലിമിറ്റഡ്, കൃത്യ ചി. ഉ. ചന്ദ്രനാഥ് ചന്ദ്രമണി തയ്ക്ക.
കോടതി കൃത്യ ചി. ഉ. ചന്ദ്രനാഥ് ചന്ദ്രമണി തയ്ക്ക.
ചന്ദ്രനാഥ് ചന്ദ്രമണി

- | | |
|--------------------|---------------|
| ① മേനോൻ തോമസ് | മേനോൻ ചന്ദ്രൻ |
| ② മുരുകുണ്ണി തോമസ് | " |
| ③ സി. ജി. മോളാൻ | മേനോൻ |
| ④ സി. ജി. മോളാൻ | മേനോൻ |
| ⑤ സി. ജി. മോളാൻ | മേനോൻ |
| ⑥ സി. ജി. മോളാൻ | മേനോൻ |

മേനോൻ ചന്ദ്രൻ മേനോൻ തോമസ്
നോട്ടീഫിക്കേഷൻ 7/3/26 (ശനി) 5.30 ന് തുടങ്ങി
കുറിശ്ശി ഗവണ്മെന്റ് സ്കൂൾ നാളിടേക്ക് നൽകിയ
ലിമിറ്റഡ്, കൃത്യ ചി. ഉ. ചന്ദ്രനാഥ് ചന്ദ്രമണി തയ്ക്ക.
കോടതി കൃത്യ ചി. ഉ. ചന്ദ്രനാഥ് ചന്ദ്രമണി തയ്ക്ക.
ചന്ദ്രനാഥ് ചന്ദ്രമണി

മേനോൻ ചന്ദ്രൻ
സി. ജി. മോളാൻ

ANNEXURE 10

Environmental Monitoring Results

TEST REPORT

ULR No: TC1293926000008820F		
LRI No: SEAAL26032928A	Date: 27-03-2026	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	M/s Karimala Granites & Aggregates Private Limited Kangazha, Changanassery Kottayam District
Customer Reference	Test Request date: 21-03-2026

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN26031116
Sample Name	Ambient Air	Sample Received on	22-03-2026
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	23-03-2026
Sampled by	Lab Authorized Sampler	Test Completed on	26-03-2026

DETAILS OF SAMPLING			
Sampling Location	West Side	Date of Sampling	21-03-2026
Sampling Procedure	SEAAL/CHL /SOP/7.3/02	Humidity	68 %

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re Survey No	286/10,(P),286/1(P),286/3(P),286/4,282/10,278/4-1,278/4-2,278/4-3,278/4-5,278/4-4,286/7(P),286/2(P),286/8(P),286/6(P),286/9(P)278/6,278/3(P),278/2-1,278/2,278/7,277/1(P),277/9 & 286/5(P)		
Village	Kangazha	Taluk	Changanassery
District	Kottayam	State	Kerala

TEST RESULTS - CHEMICAL DISCIPLINE					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ Standards
1	Particulate Matter, PM ₁₀	IS 5182 (Part 23):2006	µg/m ³	50.6	100 (Max)
2	Particulate Matter, PM _{2.5}	IS 5182 (Part 24):2019	µg/m ³	25.7	60 (Max)
3	Sulphur Dioxide as SO ₂	IS 5182 (Part 2/Sec-1): 2023	µg/m ³	<4.00	80 (Max)
4	Oxides of Nitrogen as NO ₂	IS 5182 (Part 6): 2006	µg/m ³	<4.00	80 (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: TC1293926000008821F		
LRI No: SEAAL26032929A	Date: 27-03-2026	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	M/s Karimala Granites & Aggregates Private Limited Kangazha, Changanassery Kottayam District
Customer Reference	Test Request date: 21-03-2026

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN26031117
Sample Name	Ambient Air	Sample Received on	22-03-2026
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	23-03-2026
Sampled by	Lab Authorized Sampler	Test Completed on	26-03-2026

DETAILS OF SAMPLING			
Sampling Location	NNE	Date of Sampling	21-03-2026
Sampling Procedure	SEAAL/CHL /SOP/7.3/02	Humidity	68 %

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re Survey No	286/10,(P),286/1(P),286/3(P),286/4,282/10,278/4-1,278/4-2,278/4-3,278/4-5,278/4-4,286/7(P),286/2(P),286/8(P),286/6(P),286/9(P)278/6,278/3(P),278/2-1,278/2,278/7,277/1(P),277/9 & 286/5(P)		
Village	Kangazha	Taluk	Changanassery
District	Kottayam	State	Kerala

TEST RESULTS - CHEMICAL DISCIPLINE					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ Standards
1	Particulate Matter, PM ₁₀	IS 5182 (Part 23):2006	µg/m ³	55.2	100 (Max)
2	Particulate Matter, PM _{2.5}	IS 5182 (Part 24):2019	µg/m ³	27.2	60 (Max)
3	Sulphur Dioxide as SO ₂	IS 5182 (Part 2/Sec-1): 2023	µg/m ³	<4.00	80 (Max)
4	Oxides of Nitrogen as NO ₂	IS 5182 (Part 6): 2006	µg/m ³	<4.00	80 (Max)

Remarks:

End of Report


Shency Joy
TM - Chemical
 Checked by


Ramar R.
Technical Head
 Authorized Signatory

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

TEST REPORT

ULR No: TC1293926000008822F		
LRI No: SEAAL26032930A	Date: 27-03-2026	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	M/s Karimala Granites & Aggregates Private Limited Kangazha, Changanassery Kottayam District
Customer Reference	Test Request date: 21-03-2026

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN26031118
Sample Name	Ambient Air	Sample Received on	22-03-2026
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	23-03-2026
Sampled by	Lab Authorized Sampler	Test Completed on	26-03-2026

DETAILS OF SAMPLING			
Sampling Location	SSE	Date of Sampling	21-03-2026
Sampling Procedure	SEAAL/CHL /SOP/7.3/02	Humidity	68 %

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re Survey No	286/10,(P),286/1(P),286/3(P),286/4,282/10,278/4-1,278/4-2,278/4-3,278/4-5,278/4-4,286/7(P),286/2(P),286/8(P),286/6(P),286/9(P)278/6,278/3(P),278/2-1,278/2,278/7,277/1(P),277/9 & 286/5(P)		
Village	Kangazha	Taluk	Changanassery
District	Kottayam	State	Kerala

TEST RESULTS - CHEMICAL DISCIPLINE					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ Standards
1	Particulate Matter, PM ₁₀	IS 5182 (Part 23):2006	µg/m ³	52.9	100 (Max)
2	Particulate Matter, PM _{2.5}	IS 5182 (Part 24):2019	µg/m ³	26.5	60 (Max)
3	Sulphur Dioxide as SO ₂	IS 5182 (Part 2/Sec-1): 2023	µg/m ³	<4.00	80 (Max)
4	Oxides of Nitrogen as NO ₂	IS 5182 (Part 6): 2006	µg/m ³	<4.00	80 (Max)

Remarks:

End of Report


Shency Joy
TM - Chemical
 Checked by


Ramar R.
Technical Head
 Authorized Signatory

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

TEST REPORT

ULR No: TC1293926000008823F		
LRI No: SEAAL26032931A	Date: 27-03-2026	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	M/s Karimala Granites & Aggregates Private Limited Kangazha, Changanassery Kottayam District
Customer Reference	Test Request date: 21-03-2026

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN26031119
Sample Name	Ambient Noise	Monitoring Commenced on	21-03-2026
Monitoring Location	West Side	Monitoring Completed on	22-03-2026
Test Method	IS 9989:1981	Sampled by	Lab Authorized Sampler

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re Survey No	286/10,(P),286/1(P),286/3(P),286/4,282/10,278/4-1,278/4-2,278/4-3,278/4-5,278/4-4,286/7(P),286/2(P),286/8(P),286/6(P),286/9(P),278/6,278/3(P),278/2-1,278/2,278/7,277/1(P),277/9 & 286/5(P)		
Village	Kangazha	Taluk	Changanassery
District	Kottayam	State	Kerala

MONITORING RESULTS-LEQ					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	38.1	14:00	51.1	22:00	39.3
07:00	40.9	15:00	51.5	23:00	38.2
08:00	45.2	16:00	52.7	24:00	39.7
09:00	48.7	17:00	53.1	01:00	37.8
10:00	51.1	18:00	47.6	02:00	37.4
11:00	54.2	19:00	44.0	03:00	39.0
12:00	51.5	20:00	40.1	04:00	39.7
13:00	50.7	21:00	39.6	05:00	41.6

TEST RESULTS - CHEMICAL DISCIPLINE			
Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	51.6
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	40.7

Remarks:

End of Report



Shency Joy
TM - Chemical
 Checked by




Ramar R.
Technical Head
 Authorized Signatory

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Standards Environmental & Analytical Laboratories

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

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

TEST REPORT

ULR No: TC1293926000008824F		
LRI No: SEAAL26032932A	Date: 27-03-2026	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	M/s Karimala Granites & Aggregates Private Limited Kangazha, Changanassery Kottayam District
Customer Reference	Test Request date: 21-03-2026

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN26031120
Sample Name	Ambient Noise	Monitoring Commenced on	21-03-2026
Monitoring Location	NNE	Monitoring Completed on	22-03-2026
Test Method	IS 9989:1981	Sampled by	Lab Authorized Sampler

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re Survey No	286/10,(P),286/1(P),286/3(P),286/4,282/10,278/4-1,278/4-2,278/4-3,278/4-5,278/4-4,286/7(P),286/2(P),286/8(P),286/6(P),286/9(P),278/6,278/3(P),278/2-1,278/2,278/7,277/1(P),277/9 & 286/5(P)		
Village	Kangazha	Taluk	Changanassery
District	Kottayam	State	Kerala

MONITORING RESULTS-LEQ					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	39.3	14:00	52.7	22:00	41.7
07:00	42.1	15:00	53.1	23:00	40.5
08:00	46.6	16:00	54.3	24:00	42.1
09:00	50.2	17:00	54.7	01:00	40.1
10:00	52.7	18:00	49.0	02:00	39.7
11:00	55.9	19:00	45.4	03:00	41.3
12:00	53.1	20:00	41.3	04:00	42.1
13:00	52.2	21:00	40.8	05:00	44.1

TEST RESULTS - CHEMICAL DISCIPLINE			
Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	53.2
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	43.1

Remarks:

End of Report



Shency Joy
TM - Chemical
 Checked by




Ramar R.
Technical Head
 Authorized Signatory

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

TEST REPORT

ULR No: TC1293926000008825F		
LRI No: SEAAL26032933A	Date: 27-03-2026	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	M/s Karimala Granites & Aggregates Private Limited Kangazha, Changanassery Kottayam District
Customer Reference	Test Request date: 21-03-2026

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN26031121
Sample Name	Ambient Noise	Monitoring Commenced on	21-03-2026
Monitoring Location	SSE	Monitoring Completed on	22-03-2026
Test Method	IS 9989:1981	Sampled by	Lab Authorized Sampler

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re Survey No	286/10,(P),286/1(P),286/3(P),286/4,282/10,278/4-1,278/4-2,278/4-3,278/4-5,278/4-4,286/7(P),286/2(P),286/8(P),286/6(P),286/9(P),278/6,278/3(P),278/2-1,278/2,278/7,277/1(P),277/9 & 286/5(P)		
Village	Kangazha	Taluk	Changanassery
District	Kottayam	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	41.0
07:00	41.4	15:00	52.1	23:00	39.8
08:00	45.8	16:00	53.3	24:00	41.4
09:00	49.4	17:00	53.7	01:00	39.4
10:00	51.7	18:00	48.2	02:00	39.0
11:00	54.9	19:00	44.6	03:00	40.6
12:00	52.1	20:00	40.6	04:00	41.4
13:00	51.3	21:00	40.1	05:00	43.4

TEST RESULTS - CHEMICAL DISCIPLINE			
Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	52.3
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	42.4

Remarks:

End of Report



Shency Joy
TM - Chemical
 Checked by




Ramar R.
Technical Head
 Authorized Signatory

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TEST REPORT

ULR No.: TC1293926000008819F

LRI No.: SEAAL26032927A

Date: 27-03-2026

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CUSTOMER DETAILS

Customer Name & Address	M/s Karimala Granites & Aggregates Private Limited Kangazha, Changanassery Kottayam District
Customer Reference	Test Request Date: 21-03-2026

SAMPLE DETAILS

Product Category	Water	Sample Code	WT26030779
Sample Name	Ground Water	Sample Received on	22-03-2026
Sample Description by Customer	Open Well Water	Temperature @ Receipt	4°C
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	23-03-2026
Sample Quantity & Packing	2 L & 125 ml in a Plastic Bottle	Test Completed on	26-03-2026
Information Provided by Customer	---	Sampled by	Lab Authorized Sampler

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS

Re Survey No	286/10,(P),286/1(P),286/3(P),286/4,282/10,278/4-1,278/4-2,278/4-3,278/4-5,278/4-4,286/7(P),286/2(P),286/8(P),286/6(P),286/9(P)278/6,278/3(P),278/2-1,278/2,278/7,277/1(P),277/9 AND 286/5(P)		
Village	Kangazha	Taluk	Changanassery
District	kottayam	State	Kerala

DETAILS OF SAMPLING

Sample Source	Project Site	Date of Sampling	21-03-2026
Sampling Procedure	SEAAL/QAD/SOP/7.3/01	Sample Temperature	26°C

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
3	Turbidity	IS 3025 (Part 10): 2023	NTU	0.10	1.0 (Max)



Shency Joy
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Remya B.
TM-Biological
 Authorized Signatory



Ramar R.
Technical Head
 Authorized Signatory

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TEST REPORT

ULR No.: TC1293926000008819F

LRI No.: SEAAL26032927A

Date: 27-03-2026

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TEST RESULTS-CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
4	pH @ 25°C	IS 3025 (Part 11): 2022	---	6.79	6.50-8.50
5	Conductivity	IS 3025 (Part 14): 2013	µS/cm	218	---
6	Total Dissolved Solids @ 180°C	IS 3025 (Part 16): 2023	mg/L	119	500 (Max)
7	Total Hardness as CaCO ₃	IS 3025 (Part 21): 2009	mg/L	46.0	200 (Max)
8	Calcium as Ca	IS 3025 (Part 40): 2024	mg/L	12.0	75 (Max)
9	Magnesium as Mg	IS 3025 (Part 46): 2023	mg/L	3.90	30 (Max)
10	Chloride as Cl	IS 3025 (Part 32): 2025	mg/L	20.0	250 (Max)
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23): 2023	mg/L	15.9	200 (Max)
12	Iron as Fe	IS 3025 (Part 53): 2024	mg/L	0.11	1 (Max)
13	Sulphate as SO ₄	IS 3025 (Part 24/Sec 1): 2022	mg/L	1.79	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
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TM-Biological
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Technical Head
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