

HALF YEARLY COMPLIANCE REPORT FOR GRANITE BUILDING STONE QUARRY

File No. 10/DEIAA/KL/MIN/3970/2017 Dated 23/09/2017 & EC No.10 /2017

Building Stone Quarry Project of M/s Ruby Stone Crusher

Situated At

Re-Sy. No.1

Kattippara Village,

Thamarassery Taluk,

Kozhikode District, Kerala.

April 2024 – September 2024

Prepared By

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Ruby Stone Crusher

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Kozhikode District, Kerala, 673573
Ph No-+91 9446012919*

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

Respected Sir,

Sub: Half Yearly Compliance Report of Granite Stone Mine Project- April 2024 – September 2024.

Ref: File No.10/DEIAA/KL/MIN/3970/2017, EC No.10 /2017 dated 23/09/2017

With reference to the above we are submitting Half Yearly Compliance report for the EC order, mentioned above. Also enclosed here, copy of all Licenses from Statutory Bodies and Compliance Monitoring Report.

Place: Kozhikode

Abdulla Koya Thangal C.P

Date: 25/11/2024



(Authorised Signatory)

Copy To,

Member secretary / Chairman

SEIAA Kerala

KSRTC Complex, Thampanoor

Thiruvananthapuram, Kerala

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I. INTRODUCTION

The Building Stone Quarry Project of M/s Ruby Stone Crusher situated at Re-Survey No.1 at Kattippara Village, Thamarassery Taluk, Kozhikode District, Kerala in respect of Mr. Abdulla Koyathangal C.P.

Building Stone Quarry project of M/s Ruby Stone Crusher was obtained with the Environmental Clearance (File No. 10/DEIAA/KL/MIN/3970/2017, EC No.10/2017) by District Environmental Impact Assessment Authority on 23.09.2017. Based on the OM (File No. 1A3-22/28/2022-1A, 111(181584) of MoEF on 13/12/2022 validity of EC can be extended upto the life of mine, ie for 22 years as per Mining Plan. As part of general condition No.37 of Environmental Clearance order and EIA Notification the half yearly compliance report needs to be submitted by the Project Proponent.

This report contains the compliance of conditions of Environmental Clearance for the period of April 2024 – September 2024.

Table 1. Project and Environmental Clearance Details

Name of the Project	Building Stone Quarry of Mr. Abdulla Koya Thangal C.P
Survey No. and Location	Re Sy No. 1 Kattippara Village, Thamarassery Taluk, Kozhikode District, Kerala
Extent area	4.1943 Ha
GPS co-ordinates	Lattitude (N) 11° 28'11.44" N to 11° 28'20.09"N Longitude (E) 76° 56'41.81"E to 75°56'51.90"E
Minimum and Maximum height of excavation (MSL)	Min.: 80 m Max : 125 m
Capacity of Production	1,00,000 TPA
Total Project Cost	3 Crores
Details of Authorized Signatory	Mr. Abdulla Koyathangal C.P, PMP Estate, Chamal P.O, Thamarassery, Kozhikode District, Kerala – 673 573.
Mobile No.	9446012919
Category / Sub Category Schedule	Category B2
Environmental Clearance Details	File No. 10/DEIAA/KL/MIN/39070/2017, EC No.10/2017 Dated 23.09.2017
Owner of the land	Private Own Land
Quantity of top soil/over burden produced and managed	A total quantity of 17,589 cu.m. of topsoil & 9.772 cubic meter is proposed to be removed during the mining operations. The topsoil excavated from the quarry will be dumped separately at pre - determined place and subsequently will be utilized in spreading over reclaimed areas for plantation.
Topography of land and elevation	The topography of the area is hilly. The highest elevation of the lease area is 175m MSL and lowest is 125 m MSL
Slope Analysis	Considering the stability of rocks, the ultimate pit slope proposed is 45°
Access road to the site width and condition	7m wide access road

Life of mine proposed	About 22 years
Method of mining	Open cast semi-mechanized method of mining
Distance from the adjacent quarry	No quarry within 500m radius zone
Distance from nearby habitation	Nearest habitation is at 155m towards east
Distance from nearby forest if applicable	No forest land near the quarry
Distance from protected area, Wildlife Sanctuary, National Park etc.	Malabar Wild Life Sanctuary at a distance of 3.4 Km from the Project.
Details of mining process	The Mining is done by open cast semi-mechanized method of mining. The bench height and width is maintained as 5m. Excavated materials are transported for sale. The ultimate depth of the mine workings is estimated to reach up to 125m MSL.
MANAGEMENT PLAN	
Air pollution	No significant air pollution is expected as the mining operation is in wet stage. However during the summer water spraying is used to suppress the dust on roadways. The improvement of haulage road is made to suppress dust during transportation. Water sprinklers are provided to check the dusty road in the mining area. Dust released due to mining activity is suppressed periodically by sprinkling of water, by engaging water tankers.
Water pollution	Garland drains are provided at the mine site to regulate monsoon water and direct the same to the settling ponds/mine pit to contain the mine wash off and to avoid the same joining the adjoining surface water bodies/water courses.
Noise	Plantation is carried out all along the lease periphery, which act as acoustic barrier for noise transmission
Solid waste management	Solid waste is stacked at designated places during the quarry operations and will be utilized for reclamation work during mine closure plan.
Eco restoration	At the end of life of mine, the excavated pit will be 3.5543, in which 3.1336 Ha will be reclaimed with stacked dumping and overburden and rehabilitated by plantation.
Details of statutory sanction	Statutory sanction obtained, I. Quarrying lease II. Letter from pollution Control Board III. Environment Clearance from DEIAA IV. NOC from Explosive Dept.



	V. D&O License from the LSGD
ENVIRONMENTAL MITIGATION MEASURES	
I. WATER	
Water requirement and source	Domestic consumption: well water : 2KLD Dust suppression : Rain water collection pond : 12KLD Plantation purpose : Rain water collection pond : 2KLD
RWH units proposed	Rain water harvesting ponds are maintained in the site
Facilities for liquid waste treatment	Liquid wastes from toilet and office will be treated in septic tank and soak pit
Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	Nil
Does it have provisions for use of recycled water	Quarrying activity does not require water hence no recycling
II. LAND	
Proximity to forest lands	No forest zone
Access road to the site Width& condition	The lease area is accessible by 7m wide tarred road (SW)
Storage of explosives/ hazardous substances	Explosives is procured, stored, transported, handled and used in accordance with Indian explosive act 1884, MSIHC Rules 1989, Mine Act 1952 and regulations there under
Facility for solid waste management	Solid waste will be utilized for road and construction works. The municipal solid waste will be suitably disposed
Topographic features/ slope	The topography of the lease area is hilly area covered with native tree, climbers, grass, shrubs, herbs etc. Slope towards South side
III. ENERGY	
Energy requirement	The total power requirement will be 75 KW for compressions which will be drawn from diesel engine. To be rectified as per Environment Management Plan
Energy Sources	From diesel Engine
IV. BIODIVERSITY	
Presence of any endangered species or red listed category	There are no endangered or rare species in the area


Loss of native species and genetic diversity	For the quarrying activity few numbers of native tree species, shrubs, herbs, climbers etc existing at project site cleared. Uprooted tree species are planted in buffer area as per management plan.
V. AIR ENVIRONMENT	
Air quality meeting requirements	Air quality as per norms will be maintained
Noise level meeting requirements	Noise standards as admissible will be adhered to.
Likely emissions affecting environment	Diesel engine emissions & emissions form movement of vehicles like dumper, trucks, tankers etc will also generate.
VI. ECO RESTORATION	
Eco restoration programs	<p>The year wise program of eco -restoration for the life of mine, about 3,700 trees will be planted in an area of 3.6736 ha. Biological reclamation / ecological restoration for the mined area by plantation of the species as per the time schedule suggested below:</p> <p>First Six months -- Herbs & grass Next Six months -- Shrubs Next Six months onwards --Trees</p> <p>The main aim of the green belt development is to restore the ecosystem to its original form to a maximum extent by designing the green cover with the same native species.</p>
VII. SOCIO ECONOMIC IMPACTS	
Proximity to nearest habitation	155m towards east
CSR components suggested	<p>Rs.6.2 Lakhs earmarked for non-recurring expenses activities and Rs.4.9 Lakhs is earmarked for recurring expenses.</p> <p>Proponent shall provide required Medical facility to all the employees, medical checkup camps to the local villagers, supply of drinking water and contribution of funds for social and cultural program.</p> <p>Proponent shall pay the funds/contribution for construction of school, bus shelter, transportation for school children and also donates cloths and ornaments for marriage of poor girls.</p>

II. COMPLIANCE TO THE CONDITIONS STIPULATED IN THE ENVIRONMENTAL CLEARANCE ISSUED BY DISTRICT LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA.

2.SPECIFIC CONDITIONS


Table 2 Specific Conditions

SI No	Specific Conditions	Compliance
1	<p>The entire area of quarry should be fenced all around.</p> 	<p>To demarcate the lease area and to prevent falling of animals/human being/dumping of garbage etc, we have installed barbed metal wire fencing around the lease area</p>
2	<p>The limited patch of natural vegetation seen adjacent to the proposed lease area should be preserved as such</p>	<p>We assured that natural vegetation seen adjacent to the proposed lease area will be preserved and maintained in a good manner</p>
3	<p>The entire quarry should be provided with catch water drain. The storm water from the upper slopes to be channelized into the drain and clarified before it is let out.</p> 	<p>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. Clear water is letting out.</p>

4	<p>A RWH Structure should be constructed for the storage of rain water</p>	<p>We Provided Rain water harvesting pond in the project area to collect rain water and utilize in the project area itself</p> 
5	<p>The Proponent agreed to set apart Rs. 6.2 lakhs (non-recurring) and Rs. 4.9 lakhs (recurring) per year for a period of next 5yrs for the welfare of the local community. The proponent agreed to spent this amount in consultation with the Local Panchayath.</p>	<p>We comply with the EC conditions. Documentary evidences of few cases of CSR attached.</p>

3.GENERAL CONDITIONS

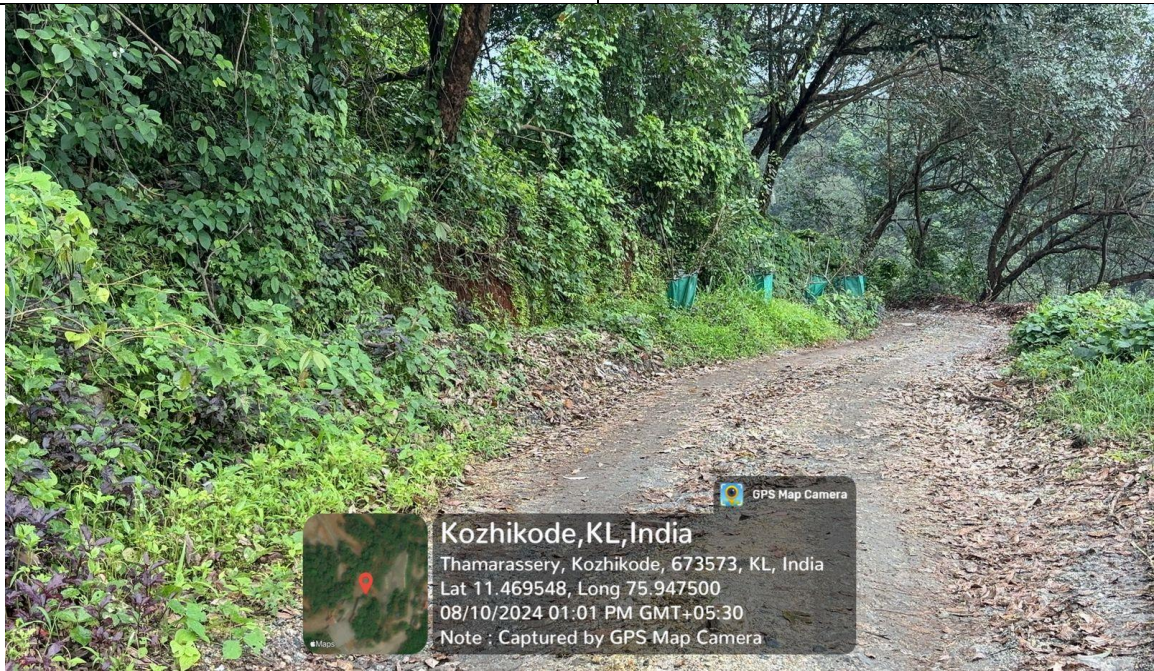
Table3.General Conditions



Sl. No	General Conditions	Compliance Status
1	<p>Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR /KPBR,unless otherwise specified.</p> 	<p>We Provided rain water harvesting pond in the project area to collect rain water and utilize in the project area itself</p>

2	Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.	Environmental monitoring cell was constituted and Implemented their responsibilities as well. The details of the monitoring cell are given below

ENVIRONMENTAL MONITORING CELL (EMC)		
SI No	Designation	Name
1	Head of the cell (Proprietor)	Abdulla Koya Thangal
2	Supervisor	Muhammed P C
3	Mines Manager	Gaokar Pratish Thulsidas
4	Environmental Consultant	M/s Prime Technology Services
5	Environmental Monitoring Agency	M/s Standards Laboratory

3	Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, including of approach road and internal roads.	Already site have a green belt, planted 1100 numbers of trees at the boundary (Safe Buffer zone) This shall be maintained well. Trees like Mango, Anjili, Rubber, Teak, Vaka, Bamboo, Passion Fruits, Nellikka, Puli were planted
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<p>4</p>	<p>Sprinklers shall be installed and used in the projectsite to contain dust emissions.</p>	<p>To prevent dust emission, sprinklers are installed in the project site. In order to reduce dust emissions from the road while transportation of materials. Fixed sprinklers & movable sprinkling units are provided in the quarry site. Photographs of the same attached.</p>
		
<p>5</p>	<p>Eco-restoration including the mine closure planshall be done at the own cost of the project proponent.</p>	<p>It is assured that Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.</p>
<p>6</p>	<p>At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumpings and overburden and planted with indigenous plant species that are eco-friendly.</p>	<p>At the time of closure of the mine, We are ensure that directions contained are scrupulously followed</p>
<p>7</p>	<p>Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented</p>	<p>As part of inclusive growth of the community, We carried out various activities under CSR and has been following the plan as committed. Documentary evidences of few cases of the CSR activities attached</p>
<p>8</p>	<p>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.</p>	<p>To demarcate thelease area and to prevent falling of animals/ human being / dumping of garbage etc , we have installed barbed metal wire fencing around the lease area. All the boundary indicators are protected at all times and clearly visible at any time.</p>



9 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, We have 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.



10 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.

		<ul style="list-style-type: none"> The mining activity is only during day time <p>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 No.9</p>
11	Quarrying activities should be limited to day time as per KSPCB guidelines.	Limited the operation of quarry in specific time only as directed by the KSPCB and has been following the directions and complying them
12	Blasting should be done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency.	Blasting done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency. Obtained Explosive license and following the guideline stipulated. License of the same attached as Annexure No:3
13	A licensed person should supervise/control the blasting operations	We have appointed Mines Manager Gaokar Pratish Thulsidas, Cerft no SMR-E/6075 in the site to supervise/control exploitation of minor minerals including blasting at the project site. Certificate of the same attached as Annexure No:7
14	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
15	Height of benches should not exceed 5m and width should not be less than 5m.	The quarrying activity in the project site is progressing by creating benches of 5m width and 5m height. The formation of benches is under the direction and supervision of competent person.



16 Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.

We are using blasting mat to reduce fly rocks during blasting.

17 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. Plantations along the lease boundary act as acoustic enclosure which reduces sound amplifications.


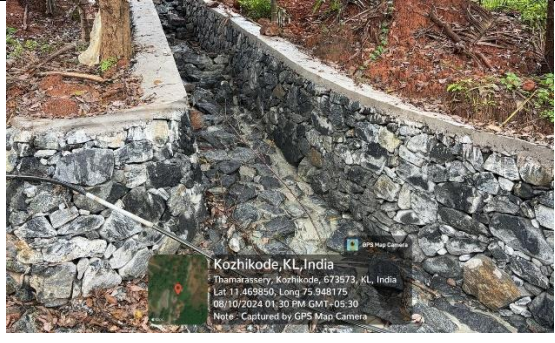



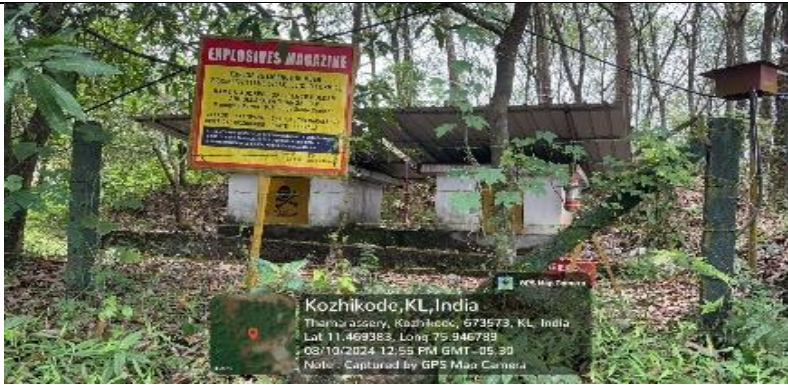
18 The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.

We have provided adequate Personnel Protective Equipments (PPE) such as helmets, ear muffs, safety belts, glows, etc. to ensure the safety of workers in working site

19 Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize Storm Water.

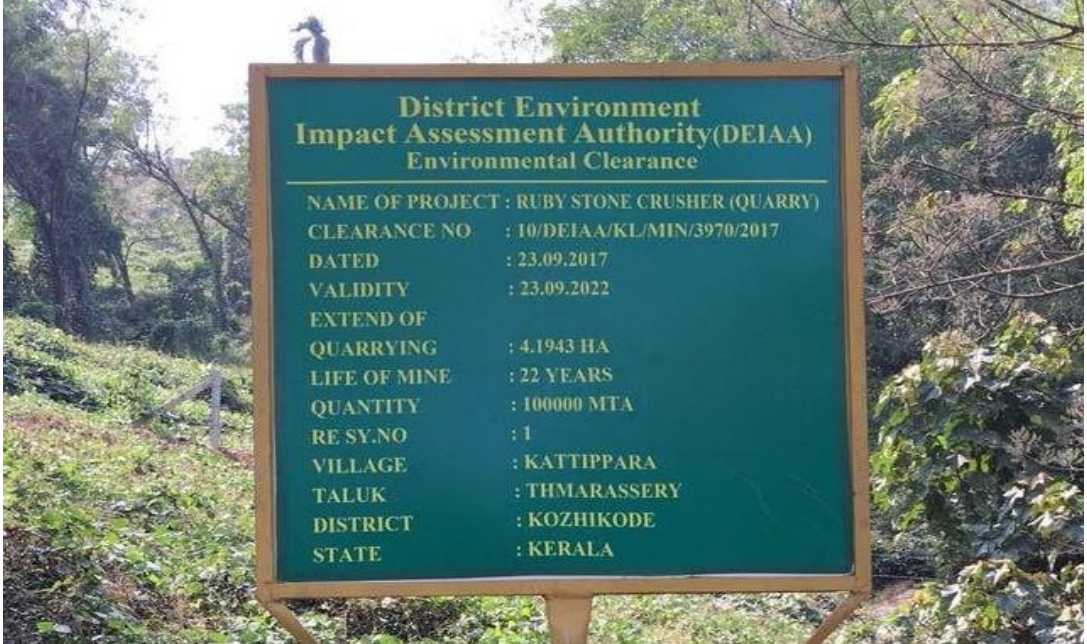
We constructed Garland drains with silt traps were suitably constructed all along the periphery of the pit area. The surface

		runoff from the benches will runs into desiltation tank through the garland channel and then passes through the check dam into the natural drainage.
		
20	<p>The transportation of minerals should be done incoved trucks to contain dust emissions.</p>	<p>To avoid dust emission from the vehicle while transportation of materials We assure that the trucks are covered before leaving the site.</p>
		
21	<p>The proponant should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.</p>	<p>This will be considered at the time of mine closure</p>
22	<p>Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.</p>	<p>Shall be disposed through the authorized recyclers</p>
23	<p>Explosives should be stored in magazines inisolated place specified and approved by the Explosives Department.</p>	<p>Magazine keep at an isolated area located at more than 50 m from the mining area</p>



24	A minimum buffer distance of 100m from the boundary of the quarry to the nearest dwelling unitor other structures, not being any facility for mining shall be provided	Maintain the said distance from the mining boundary to the nearest structure.
25	100m buffer distance should be maintained from forest boundaries.	Forest area is not there in this locality
26	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 05
27	All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.	<ul style="list-style-type: none"> • Environment Clearance from DEIAA • Quarrying lease • Consent from Kerala State Pollution Control Board • License from Explosive Dept • D&O License from the LSGD
28	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.	The company shall abide by the directions of SEIAA Kerala. At present the project is running as per plan submitted in Environmental Impact Assessment Authority, Govt. of India and approved mining plan. There is no change in the scope of the project. The project will seek for a new Environmental clearance in the case of any changes in the scope of the project.
29	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	The company shall abide by the directions of SEIAA Kerala

	Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	
30	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with including the provisions of Act, 1974, the Air (Prevention and control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Strict Compliance is adhered to and is reviewed periodically by the top management. Monitoring reports of air, noise attached
31	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 District Environment Impact Assessment Authority (DEIAA) office Kozhikode 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 two widely circulated local newspapers in that region. Madhyamam 17-10-2017, The Hindu 17-10-2017
32	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 Grama Panchayat and also EC displayed in the notice board of the mining site
33	The proponent shall submit half yearly reports on the status of compliance of the stipulated EC Conditions including results of	The compliance report is being submitted along with the results of monitored data to the State Environmental Impact assessment

	<p>monitored data (both in hard copies as well as by e-mail) and upload the Status of compliance of the stipulated EC conditions, including results of monitored data on their website. It shall sent to the Regional office of MoEF. Govt. of India and also to the State Environment Impact Assessment Authority(SEIAA) Office</p>	<p>Authority, Kerala and the Regional Office of MoEF&CC, Bangalore both in hard copy as well as mail. The monitored data of Air, Water and Noise is attached as Annexure No. 9</p>
34	<p>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.</p>	<p>A display board shows all the details about the project and EC provided at the entrance of the quarry site</p>
		
35	<p>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.</p>	<p>An assurance in the form of affidavit was submitted</p>
36	<p>No change in mining technology and scope of working should be made without prior approval of the DEIAA, No further expansion or modification in the mine shall be carried out without prior approval of the DEIAA, as</p>	<p>The conditions of SEIAA/DEIAA are strictly followed</p>

	applicable.	
37	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.	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 run into desiltation tank through the garland channel and then passes through the check dam into the natural drainage. All measures were taken not to disturb the existing drainage pattern adjacent to the other property. Desiltation tank installed for silt removal. Cleaning of Desiltation tank were done periodically. Clear water is letting out.
38	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 No. 9
39	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 mining operations shall be stacked at earmarked dump site 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 geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the	The temporarily stored topsoil used only for land reclamation and plantation. It is ensured that the dump site where overburdens are stored should be 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.

	vegetation becomes self-sustaining.	
40	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. 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.
41	Effective safeguard measures such as regular watersprinkling 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. We have 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. Lab Results are attached as Annexure No. 9
42	Fugitive dust emissions from all the sources should 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



43	Measures should be taken for control of noise levels below 85 dBA 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 as Annexure No.9
44	A separate environmental management cell with suitable qualified personal 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. We have constituted an Environment Monitoring Cell. The environmental management cell regularly reports to the head of the organization.
45	The funds earmarked for environmental protection measures and CSR activate should not be diverted for other purpose. Year wise expenditure should be reported to the state Environment Impact Assessment Authority (SEIAA) office.	Scrupulously follows the directions contained. Copy of some receipts of corporate social responsibility are attached as Annexure No.6
46	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	We will extent all possible cooperation to the officers form regional office of MoEF & CC and can produce all data/information/reports when they are asking for.
47	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

48	Concealing the factual data or submission of false/fabricated data and failure to comply with anyof 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
49	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 DEIAA reserves the right to alter /modify the above conditions or stipulate any further conditions in the interest of environment protection.	We are willing toimplement 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/DEIAA are strictly followed
50	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.
51	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.	It is noted that this Environmental clearance order is valid for a period of 5 years or the expiry date of mine lease period issued by the Govt. of Kerala, whichever is earlier.
52	The Environmental Clearance will be subject to thefinal 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 in connection with mine lease area at any court of law.
53	The mining operation shall be restricted to above ground water table and it should not intersect ground water table.	The mining operation is aboveground water table.
54	All vehicles used for transportation and within the mines shall have PUC certificate from authorized pollution talking Centre .washing of all vehicles shall be inside the lease area	Vehicles used within mines have PUC certificate. As part of reduce air pollution, the We are monitoring the pollution level of all vehicles playing in the project site. This monitoring conducts only in authorized pollution testing center.
55	Project proponent should obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and groundwater for the project.	Scrupulously follows the directions contained

56	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. Lab report of the same attached as Annexure No.9
57	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.	A healthy surveillance program of the workers is controlled periodically
58	The environmental clearance liable to be cancelled if the said land is found in porambokku, surplus land, etc.	The quarry project is operating in private own land. No porambokku, surplus land, etc. included in the mine lease area.

ANNEXURES

ANNEXURE 1
Environmental Clearance

Proceedings of the District Environment Impact Assessment Authority Kozhikode

Present : Sri.U.V.Jose. IAS, District collector & Chairman DEIAA, Smt Shamin Sebastian RDO and Member Secretary DEIAA, Sri Sunil Kumar DFO & Member Sri Sathyanathan. Member

Sub : DEIAA-Environmental clearance for the quarry project in Re Sy. No. 1 at Kattippara Village Kattippara Panchayath, Thamarassery Taluk Kozhikode District, Kerala Mr. Abdulla Koya Thangal C.P., Managing Partner, M/s Ruby Stone Crusher, PMP Estate, Chamal Post, Thamarassery, Kozhikode District, Kerala-673573 - E C Granted - Orders issued.

Ref : 1. Application dated 10.01.2017 from Sri. Mr. Abdulla Koya Thangal C.P., Managing Partner, M/s RUBY STONE CRUSHER, PMP Estate, Chamal Post, Thamarassery, Kozhikode District, Kerala-673573.
2. Minutes of the 4th meeting of DEAC held on 12/05/2017
3. Minutes of the 5rd meeting of DEAC held on 09/06/2017
4. Minutes of the 3rd meeting of DEIAA held on 03/08/2017

District Environment Impact Assessment Authority, Kozhikode

No. 10/ DEIAA /KL/MIN/3970/2017.

Dated, Kozhikode: 23.09.2017

ENVIRONMENTAL CLEARANCE NO 10./2017

Mr. Abdulla Koya Thangal C.P., Managing Partner, M/s Ruby Stone Crusher, PMP Estate, Chamal Post, Thamarassery, Kozhikode District, Kerala-673573 vide his application received on 10.01.2017, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Re Survey No. 1 at Kattippara Village Kattippara Panchayath, Thamarassery Taluk, Kozhikode District, Kerala for an area of 4.1943 hectares. The project comes under Category B2, Activity 1(1), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA-11(M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dated 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 5 hectares.

The proposed project site falls within Latitude 11°28'11.44"N to 11°28'20.09"N and Longitude 75°56'41.81"E to 75°56'51.90"E. The land use classification as per revenue records is private own land. The lease area consists of 4.1943 hectares. The current proposal is for the new building stone quarry project. The proposed project is for quarrying of 100000 MTA of building stone. The other details are as follows:

I. Project details

1	File No.	DIA/KL/MIN/3970/2017.	
2	Name /Title of the project	Abdulla Koya Thangal C.P.	
3	Name and address of project proponent	Mr. Abdulla Koya Thangal C.P., Managing Partner, M/s Ruby Stone Crusher, PMP Estate, Chamal Post, Thamarassery, Kozhikode District, Kerala - 673573	
4	Owner of the land	Private Own Land	
5	Survey No. District/Taluk and Village etc.	Re Survey No. 1 at Kattippara Village Kattippara Panchayath, Thamarassery Taluk, Kozhikode District,	
6	Nature of the proposal-lease or permit with evidence	New Quarry Project	
7	Date of submission of Application	10.01.2017	
8	Brief description of the project	Quarry project with an area of 4.1943 hectares & Production capacity 100000 TPA	
9	Details of Authorized Signatory and address for correspondence	Mr. Abdulla Koya Thangal C.P., Managing Partner, M/s Ruby Stone Crusher, PMP Estate, Chamal Post, Thamarassery, Kozhikode District, Kerala - 673573	
II Land Details			
10	a) Extent of area in hectares	4.1943 hectares	
11	b) Is the property forest land/Govt. land/own land/ patta land	Private own land	
12	c) Quantity of top soil/over burden produced and managed	Topsoil : 17,589 cubic meter Overburden : 9,772 cubic meter	
13	d) Latitude and Longitude	Latitude (N)	11°28'11.44"N to 11°28'20.09"N
		Longitude (E)	75°56'41.81"E to 75°56'51.90"E
14	e) Topography of land and elevation	Part of the proposed land is exposed rock and the remaining land is covered with native trees, shrubs, herbs, grass, climbers, bushes etc. The topography of the lease area is hilly. The highest elevation of the lease area is 175 m MSL and lowest is 130 m MSL. As the proposed area is hill rock, the drainage of the lease area is towards East.	
15	f) Slope analysis	As the proposed area is hill rock, the drainage of lease area is towards East.	

16	g) Will there be any significant land disturbance resulting in soil erosion, subsidence & natural drainage.	Due care will be taken to provide channel all around the foot hill to collect run off and also to avoid soil erosion. There is no danger of flood or inundation ,as the proposed working is above the normal ground level. The area is not susceptible to flood.
17	h) Access road to the site width and condition	7m wide road
18	i) Will there be any adverse impact on the aesthetics of the proposal site	No, the land used will be fully reclaimed and rehabilitated by backfilling the pond and plantation. Plantation and forestation will add to the improvement in environment and aesthetic beauty of the area.

III. Mining details

19	a) Minimum and Maximum height of excavation	The exploitation of mineral is being done from 175 m to 125m MSL in conceptual phase.
20	b) Life of mine proposed	About 22 years
21	c) Underground mining if any proposed	No underground mining proposed and the working will be carried out by opencast semi-mechanized method as per the approved Mining Plan.
22	d) Method of Mining	The working will be carried out by opencast semi-mechanized method as per the approved Mining Plan.
23	e) Distance from the adjacent quarry	There is no working quarry located within 500m radius of the proposed quarry.
24	f) Cluster condition if any	No cluster condition
25	g) Has "No cluster Certificate" submitted?	Cluster certificate issued by District Geologist is already submitted with EC Application.
26	h) Distance from nearby habitation	Nearest habitation is at 155 m towards East.
27	i) Distance from nearby forest, if applicable	None within the study area
28	j) Distance from protected area, Wildlife Sanctuary National Park etc.	None within the study area
29	k) Distance from nearby streams/ rivers/ National Highway and Roads	<u>Water Bodies:</u> Poonoor puzha River, 6 km, NW Engapuzha thodu, 5 km, E Kakkayam Dam, 14 km, N <u>NH / Highway :</u> NH-212, Engapuzha about 3 km, East and SH - 34, Chungam, about 7 km, South
30	l) Is ESA applicable? If so distance from ESA limit	Not falling in ESA.

31	m) Has approved mining plan, prepared by RQP submitted?	Yes, Submitted along with the application
32	n) Capacity of production in TPA	1,00,000 TPA
33	o) Details of mining process	The mining will be done by open cast semi-mechanized method of mining. The bench height and width will be maintained 5 m. Excavated material is transported to the crusher unit existing near the complex for further processing. The ultimate depth of mine workings is estimated to reach up to 125m MSL.
IV. Details of Project cost		
34	a) Land cost	2 Crores
35	b) Plant and Machinery	1 Crores
36	e) Total Cost	3 Crores
37	V. Financial Statement including funding source and details of insurance etc.	Source of funding = Own fund and Bank Loan.
38	Management Plan	<p style="text-align: center;">Air Pollution</p> <p>Mining activities will generate certain quantities of dust during drilling, blasting, loading and transportation operations. The following measures will be taken to mitigate the fugitive dust from different operations.</p> <ul style="list-style-type: none"> • Laying of haul road as per the standards, black topping of permanent haul road and service road to avoid or eliminate air – borne dust. • To avoid the dust generation from the drilling operations, wet drilling method will be adopted. • Drill machines will be equipped with dust collectors. • Use of appropriate explosives for blasting and avoiding overcharging of blast holes. • Controlled blasting techniques will be adopted. • Watering of haul road and other road at regular intervals. • Provision of dust filters/ mask to workers working at highly dust prone and affected areas.

		<ul style="list-style-type: none"> • Provision of green belt all along the periphery of the lease area. • Periodical monitoring of ambient air quality in and around the lease area. <p>The extracted mineral will be transported from the quarry to the end user by adopting following measures so as to minimize dust emissions.</p> <ul style="list-style-type: none"> • In case of long transportation the trucks after loading will be covered with tarpaulin sheets. • Speed of the vehicles will be maintained within the prescribed limits. • Trucks will not be over loaded and will be maintained to the body level
	Water Pollution	Provision of storm water collection pond with an appropriate capacity. The water requirement for sprinkling on sources of dust emission, on roads, landscaping etc. Can be met from the stored rainwater in the pond.
	Noise	<p>The major noise generating source from the proposed activity is working machinery, drilling, blasting and plying of vehicles. The following control measures are to be undertaken to bring down the noise levels:-</p> <ul style="list-style-type: none"> • Proper maintenance of machinery, equipments and improvement on design of machines. • Use of personal protective devices i.e., earmuffs and earplugs by workers, who are working in high noise generating areas. • Creation of wide green belt of dense foliage between mine areas and residential colonies. • Proper training to personnel to create awareness about adverse noise level effects. • Planned noise monitoring at suitable locations in the plant and outside location for proper effective remedial actions.
	Solid Waste Management	<p><u>Topsoil Management</u></p> <p>The topsoil excavated from the quarry will be dumped / stacked separately at pre-determined place and subsequently will be utilized in</p>

		<p>spreading over reclaimed areas for plantation as part of eco-restoration. Precautions will be taken to limit the height of the topsoil dump / stacked to 5 to 6 meters in order to preserve its fertility and shelf life. It will be suitably protected from soil erosion and infertility by planting fodder grass and leguminous plants during temporary storage.</p> <p style="text-align: center;"><u>Overburden Management</u></p> <p>This waste will be utilized within the pit for lying of haul roads. At the end use, OB can be reutilized as soil base for plantation.</p>
		<p>Eco-restoration</p> <p>The year wise programme of eco-restoration for life of mine will be made and about 3,700 trees will be planted in an area of 3.6736 ha.</p>
39	VI. Whether Environment Management Plan or Eco restoration Plan satisfactory?	Yes, detailed Project-Feasibility Report (PFR) with approved mining plan is already submitted with E.C. Application.
40	VII. Does it suggest mitigation measures for each activity	Yes and the detailed PFR is already submitted with E.C. Application.
41	VIII. If pre-feasibility report (PFR) satisfactory	Detailed Pre-Feasibility Report (PFR) is already submitted with E.C. Application.
42	IX. Does it need public hearing	Not Applicable
43	X. Details of litigation and Court verdict if any	No litigation pending.
44	XI. Details of public complaint, if any	None
45	XII. Details of statutory sanction required	<ul style="list-style-type: none"> a. Quarrying Lease b. NOC from Pollution Control Board c. Environment Clearance from DEIAA/SEIAA d. NOC from Explosive Dept. e. D & O License from the LSGD
46	XIII. If CRZ recommendation applicable?	Not Applicable

PART B

Environment Impact Assessment and Mitigation Measures

Impact on water

47	a) Details of water requirement per day in KLD	The total water requirement is about 16 KLD in which 2 KLD is for domestic which would be sourced from open well, 12 KLD for dust suppression as well as ancillary unit and 2 KLD for plantation purposes and will be sourced from storm water pond.
48	b) Water source/sources	2 KLD is for domestic which would be sourced from open well, 12 KLD for dust suppression as well as ancillary unit and 2 KLD for plantation purposes and will be sourced from storm water pond.
49	c) Expected water use per day in KLD	16 KLD
50	d) Details of water requirements from water harvesting	12 KLD for dust suppression system in mine as well as ancillary unit (Crusher / M sand Unit) and 2 KLD for plantation purposes and will be sourced from storm water pond.
51	e) What are the impact of the proposal on the ground water?	No significant impact envisaged on ground water due to the mining project.
52	f) How much of the water requirement can be met from the recycling of treated waste water? (Facilities for liquid waste treatment)	Nil
53	g) What is the incremental pollution load from waste water, generated from the proposed activities?	The sewage to a tune of 1.60 KLD generated from the mine office will be diverted to the septic tank followed by soak pit.
54	h) How is the storm water from within the site managed?	<ul style="list-style-type: none"> * Storm water drains with silt traps will be suitably constructed all along the periphery of the pit area to collect the run-off from the lease area and divert into the storm water pond /tanks proposed within the complex. *All measures will be taken not to disturb the existing drainage pattern adjacent to the other property. *De-siltation traps and storm water collection pond proposed for silt removal.

*The storm water collected from the lease area will be utilized for dust suppression on haul roads, plantation within the premises etc.

Impact on Biodiversity and Eco restoration Programmes

55	a) Will the project involve extensive clearing or modification of vegetation (Provide details)	Due to the mining activities, there will be loss of some native species and vegetation. However, some of these species will be planted at the end use for eco-restoration.						
56	b) What are the measures proposed to minimize the likely impact on vegetation (details of proposal for tree plantation /landscaping)	<p>The year wise programme of eco-restoration for the life of mine will be made and about 3,700 trees will be planted in an area of 3.6736 ha.</p> <p>Ecological restoration for the mined area by plantation of the species as per the time schedule suggested below: -</p> <table border="0"> <tr> <td>First Six months</td> <td>-- Herbs & grass</td> </tr> <tr> <td>Next Six months</td> <td>-- Shrubs</td> </tr> <tr> <td>Next Six months onwards</td> <td>-- Trees</td> </tr> </table> <p>Selection of species is based on High Dust Capturing, Soil Holding Capacity, ground water recharge capacity etc. More focus is given for medicinal plants.</p>	First Six months	-- Herbs & grass	Next Six months	-- Shrubs	Next Six months onwards	-- Trees
First Six months	-- Herbs & grass							
Next Six months	-- Shrubs							
Next Six months onwards	-- Trees							
57	c) Is there any displacement of fauna both terrestrial and aquatic, If so what are the mitigation measures? d) Presence of any endangered species or red listed category (in detail)	<p>Not applicable</p> <p>No endangered species found at site</p>						

Impact on Air Environment

58	a) What are the mitigation measures on generation of Dust, smoke, and air quality	Details already provided at EMP section at Sr. No. 38 above.
59	b) Details of internal traffic management of the site	Designated space will be provided for parking of truck / tipper within the site. For the purposes of mining activities, existing roads are sufficient. However, haul road will be suitably developed within the proposed area. Speed of the vehicles will be maintained within the prescribed limits (Speed Governor fitted).

60	c) Details of noise from traffic, machines and vibrator and mitigation measures	Details already provided at EMP section at Sr. No. 38 above.
61	d) Impact of DG sets and other equipments on noise and vibration and ambient air quality around the project site and mitigation measures	Details provided at EMP section at Sr. No. 38 above and air, noise and water sampling reports were already submitted with EC Application.
62	e) Air quality monitoring in detail	Details provided at EMP section at Sr. No. 38 above and air, noise and water sampling reports were already submitted with EC Application.

Energy Conservation

63	a) Details of power requirement and source of supply.	The total power requirement will be 75 kW, which will be drawn from diesel engine. Fuel Quantity – 16 to 20 litre/ hr.
64	b) Details of renewable energy (non-conventional) used.	We will promote renewable energy resources.

Risk Management

65	a) Are there sufficient measures proposed for risk hazards in case of emergency such as accident at the site?	Detailed Environment Management Plan is already submitted with E.C. Application.
66	b) Are proposals for fencing around the quarry satisfactory?	Barbed wire fencing will be done all around the quarry site.
	c) Storage of explosives/ hazardous substance in detail	The stone quarry mine will result in increase in frequency of blasting for mining the mineral. However, controlled blasting with optimum charge of holes will be carried out to loosen the rock. Explosion hazards are envisaged due to mishandling of explosives. Explosives will be handled with utmost care in compliance of conditions imposed by Chief Controller of Explosive & Metalliferrous Mines Regulation, 1961

	d) Facility for solid waste management	Top soil and over burden generated from the site will be stored separately. on earmarked place and will be used for eco-restoration and internal road development.
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Socio Economic Impacts

67	a) Will the project cause adverse effects on local communities disturbance to sacred sites or other cultural values. What are the safe guards proposed?	Nil			
68	b) Will the proposal results in any changes to the demographic structure of local population, if so, provide details	The mining project will directly / indirectly develop the area by providing employment opportunities. With the proposed development in and around the area there will be many supporting facilities/ infrastructure eventually leading to the development of the area.			
69	c) CSR components suggested	Sl. No	Area of Intervention	Recurring Expense	Nonrecurring Expense
		1	Promotion of Education	1,70,000	3,95,000
		2	Environmental Sustainability	Nil	1,50,000
		3	Infrastructure Development	1,50,000	Nil
			Health Care	1,70,000	Nil
			Total	4,90,000	6,20,000
70	d) What are the projects benefits in terms of employment potential?	Due to the mining activity and due to the attached ancillary unit, there will be workers attracted to the project area. It is proposed to employ 27 persons in the project.			

Part-C

71	Details of NABET approved EIA Consultant engaged-Their name, address and accreditation details.	M/s Environmental Engineers & Consultants Pvt. Ltd. (NABET Accredited Consultant Organization) <i>Head Office</i> :- A1-198, Janak Puri, New Delhi. <i>Branch Office</i> :- C-306, Kanchanjunga Apartments, Palarivattom P.O., Kochi, Kerala.
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Summary and Conclusion

72	a) Overall justification for implementation	It is predicted that socio-economic impact due to this project will positively increase the chance of more employment opportunities for local inhabitants. There are no Resettlement and Rehabilitation issues involved
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	of the project	in this project. The project infrastructures will be of use to people of the area. The revenue of the State Govt. will be definitely increasing due to the proposed activity. The entire project area is devoid of any endangered flora and fauna. It is proposed to reclaim the land and develop green cover for eco-restoration with native species to a maximum possible extent. Additionally, an area is earmarked outside the proposed mining area for compensatory mass plantation. Also, a storm water pond is proposed outside the mining area for storage of rain water and for its subsequent use so as to conserve fresh water consumption. Thus the proposed project is not likely to affect the environment or adjacent ecosystem adversely.
73	b) Explanation of how adverse impact have been mitigated.	Detailed Pre-Feasibility Report (PFR) with approved Mining Plan is already submitted with E.C. Application. Further, details are provided at EMP section at Sr. No. 38 above.

2. The proposal was considered in the 3rd meeting of DEAC held on 03.08.2017. The minutes of the said meeting are as follows; Further to the intimation of DEAC, the proponent along with the RQP was present in the meeting and RQP made a power point presentation of the salient features of the project. The committee appraised the proposal based on the mining plan, pre-feasibility report and all other documents submitted along with the Form I application and decided to defer the item for site visit.

Field visit to the quarry project site of Mr. Abdulla Koya Thangal C.P., Managing Partner, M/s Ruby Stone Crusher, PMP Estate, Chamal Post, Thamarassery, Kozhikode District, Kerala-673573 was carried out on 25.05.2017 by Sri. T. Mohanan, Member Secretary; DEAC along with Sri. Babu Thomas, Exe Engineer Minor Irrigation Department, Dr. Dinesan VP, Scientist, CWRDM, District Officer Ground Water Department, Asst. Conservator of Forest, Social Forestry Division and Environmental Engineer Kerala State Pollution Control Board, Kozhikode. The proponent was present at the site at the time of site visit.

The project is located at about 2km North West of Chammal. This quarry lease area form part of a hillock exposing hard rock. The approach road is the private road. Boundary pillars of this plot are erected and numbered. In the area proposed for quarry is an elevated ridge with overall slope to NW. This is an uncultivated land that exposes hard rock with few patches of OB and top soil of variable thickness.

The quarry has been recommended for EC after considering the following points:-

1. *The entire area proposed for quarry should be fenced all around.*
2. *The limited top soil and OB need proper storage area on the lower part and provided with protective walls.*
3. *The approach road needs widening and surfacing*
4. *The limited patch of natural vegetation seen adjacent to the proposed lease area should be preserved as such.*

5. The entire quarry should be provided with catch water drain all around. The storm water from the upper slopes to be channelized into the drain and clarified before it is let out.
6. The required quantity of water for the project shall be collected by rain water harvesting
7. A RWH structure should be created for the storage of rain water.
8. Details of CSR to be provided as promised in the DEAC meeting.

3. The proposal along with field visit report was again placed in the 5th DEAC meeting held on 9th June 2017. The Committee after examining the mining plan, prefeasibility report, field inspection report by subcommittee and all other documents submitted, decided to recommend for issuance of EC subject to general conditions along with the following specific conditions.

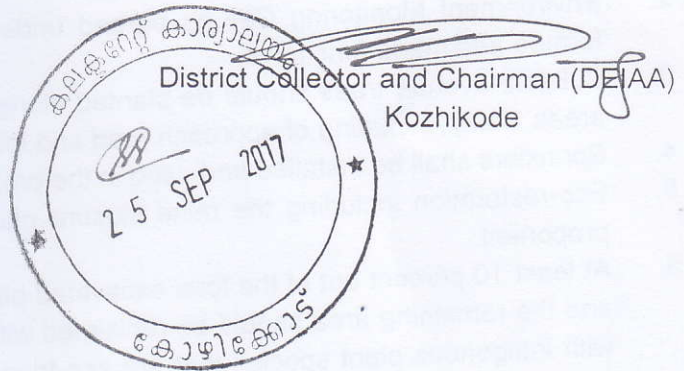
1. Should be fenced all around.
2. The limited patch of natural vegetation seen adjacent to the proposed lease area should be preserved as such.
3. The entire quarry should be provided with catch water drain. The storm water from the upper slopes to be channelized into the drain and clarified before it is let out.
4. A RWH structure should be created for the storage of rain water.
5. The proponent agreed to set apart Rs. 6.2 lakh (non-recurring) and Rs 4.9 lakh (recurring) per year for a period of next 5 years for the welfare of the local community. The proponent also agreed to spend this amount in consultation with the local Panchayath.
6. The proposal was considered by the Authority in its 3rd meeting held on 03.08.2017.

The authority resolved to issue Environmental Clearance on condition that quarrying should be started only after fulfilling the pre mining specific conditions No.1 to 4

4. The clearance issued will also be subject to full and effective implementation of all the undertakings given in the application form, mitigation measures as assured in the Environment Management Plan and the mining features including progressive mine closure plan as submitted with the application and relied on for grant of this clearance. The above undertakings and conditions and the undertakings subject to all the mining features, Environmental Management Plans as undertaken in the Mining Plan and EMP submitted to DEIAA will be deemed to be part of this proceedings as conditions as undertaken by the proponent as if incorporated herein.
5. Validity of the Environmental Clearance will be five years from the date of this clearance, subject to inspection by DEIAA on annual basis and compliance of the conditions, subject to earlier review of E.C in case of violation or non-compliance of conditions or genuine complaints from the public.
6. Compliance of the conditions herein will be monitored by the State Environment Impact Assessment Authority or its authorized offices and also by the regional office of the Ministry of Environment & Forests.

Necessary assistance for entry and inspection should be provided by the project proponent and those who are engaged or entrusted by him to the staff for inspection or monitoring.

- i. Instances of violation if any shall be reported to the District Collector, Kozhikode to take legal action under the environment (Protection) Act 1986.
- ii The given address for correspondence with the authorised signatory of the project is Mr. Abdulla Koya Thangal C.P., Managing Partner, M/s Ruby Stone Crusher, PMP Estate, Chamal Post, Thamarassery, Kozhikode District, Kerala-673573



To

Mr. Abdulla Koya Thangal C.P.,
Managing Partner,
M/s Ruby Stone Crusher,
PMP Estate, Chamal Post,
Thamarassery,
Kozhikode District, Kerala-673573

Copy to:

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor,
E&F Wing, II Block, Koramangala, Bangalore-560034
2. The Additional Chief Secretary to government,
Environment Department, Government of Kerala.
3. Director, Mining & Geology, Thiruvananthapuram-4
4. Secretary, Kattippara Grama Panchayath, Kattippara P.O, Kozhikode. 673573
5. S/F

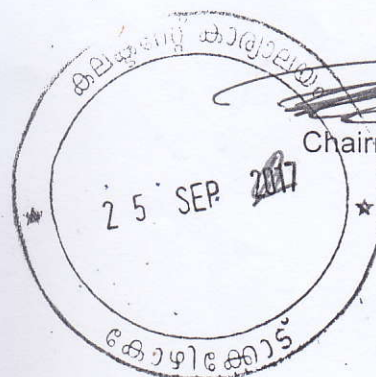
DISTRICT ENVIRONMENT IMPACT ASSESSMENT AUTHORITY KOZHIKODE,
GENERAL CONDITIONS (for mining projects)

1. Rain water harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified.
2. Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.
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.
4. Sprinklers shall be installed and used in the project site to contain dust emissions.
5. Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.
6. At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with indigenous plant species that are eco-friendly, if no other specific condition on reclamation of pit is stipulated in the F.C
7. Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented
8. The lease area shall be fenced off with barbed wires to a minimum height of 4 ft around, before starting of mining. All the boundary indicators (boards, stores, markings, etc.) shall be protected at all times and shall be conspicuous.
9. Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.
10. Control measures on noise and vibration prescribed by KSPCB should be implemented
11. Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.
12. Blasting should be done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency.
13. A licensed person should supervise/control the blasting operations.
14. Overburden materials should be managed within the site and used for reclamation of mine pit as per mine closure plan/specific conditions.
15. Height of benches should not exceed 6m and width should not be less than 5m if there is no mention in the mining plan/specific condition.
16. Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.
17. 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.
18. The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.
19. Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.
20. The transportation of minerals should be done in covered trucks to contain dust emissions.

21. The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.
22. Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.
23. Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department.
24. A minimum buffer distance of 100m from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided
25. 100 m buffer distance should be maintained from forest boundaries.
26. Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating mining activity.
27. 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.
28. In the case of any change(s) in the scope of the project, extent, quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which only the E.C is issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority.
29. 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.
30. The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
31. 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 District Environment Impact Assessment Authority (DEIAA) office Kozhikode and may also be seen on the website of the Authority at www.environmentclearance.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.
32. A copy of the clearance letter shall be sent by the proponent to concerned Gramapanchayat/District Panchayat/Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The Environmental Clearance shall also be put on the website of the company by the proponent.

33. 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 and shall update the same periodically. It shall simultaneously be sent to the respective State Environment Impact Assessment Authority (SEIAA) office and also to the District Environment Impact Assessment Authority (DEIAA) office.
34. The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font of size of not less than 40 Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.
35. 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.
36. No change in mining technology and scope of working should be made without prior approval of the DEIAA, No further expansion or modifications in the mine shall be carried out without prior approval of the DEIAA, as applicable.
37. The Project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.
38. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places loading and unloading points & transfer point to reduce fugitive emissions.
39. The top soil, if any, shall temporarily be stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.
40. 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 other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly de silted particularly after monsoon and maintained properly.
41. 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 PM_{2.5} 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.
42. 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.

43. Measures should be taken for control of noise levels below 85 dBA in the work environment
44. 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
45. The funds earmarked for environmental protection measures and CSR activities should be kept in separate account and should not be diverted for other purposes. Year wise expenditure should be reported to the District Environment Impact Assessment Authority Kozhikode (DEIAA) office.
46. The Regional Office of SEIAA & CC located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (S) of the Regional Office by furnishing the requisite data/information/monitoring reports.
47. 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.
48. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act
49. The SEIAA may revoke or suspend the order, for non implementation of any of the specific conditions or the implementation of any of the above conditions is not satisfactory. The DEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
50. The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.
51. This order is valid for a period of 5 years or the expiry date of quarrying lease period issued by the Government of Kerala, whichever is earlier.
52. The Environmental Clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.
53. The mining operation shall be restricted to above ground water table and it should not intersect ground water table.
54. 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.
55. Project proponent should obtain necessary prior permission of the competent authorities for drawal of requisite quantity of surface water and ground water for the project
56. 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 DEIAA.
57. Occupational health surveillance programme of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
58. The environmental clearance liable to be cancelled if the said land is found in porambokku, surplus land, etc



Chairman, DEIAA Kozhikode

ANNEXURE 2
Quarrying Lease

Doct No. 287/I/2018. Duplicate II

भारतीय गैर न्यायिक
 Certified on examination of the original of this
 भारत INDIA
 instrument, that it has been levied a sufficient stamp
 Duty of Rs. 3,88,384/- (Rupees **Three Hundred** eight
रु. 500 eight thousand three hundred and eighty two only)
 on this the 27th day of January / 2018
 पाँच सौ रुपये **Rs. 500**
 Sub Registrar, Chinnathur Kumari. N.V. meraj
 INDIA NON JUDICIAL



तल KERALA

D 603626

ABDULLA KOYA THANGAL - C.P

FORM H
(See Rule 43)

QUARRYING LEASE

This deed of lease made on this the 15th day of January 2018 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. Ruby Stone Crusher, Chamel. P. O, Thamarassery, Kozhikode District - 673 573 (Represented by its Managing Partner, Shri. Abdulla Koya Thangal. C. P, S/o Pookoya Thangal, Aged 55 years, residing at "Famithas", Palakkutty, Koduvally. P. O, Koduvally Village, Thamarassery Taluk, Kozhikode District - 673 572) (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. PAN No. of Abdulla koya Thangal is ADAPT 29710 and Ruby Stone Crusher is AAKFR5502J.

T. MOHAMMAD, DISTRICT GEOLOGIST
 GEOLOGIST
 DISTRICT OFFICE
 DEPARTMENT OF MINES AND GEOLOGY
 CIVIL STATION
 KOZHICODI 673 020

(Signature)
 ABDULLA KOYA THANGAL C.P.

10885
 ABDULLA KOYA THANGAL CP
 12-1-2018
 MANAGING PARTNER
 RUBY STONE CRUSHER
 KUTTIYADAM & THAMARASSERY



Doc No. 287/I/2018

Duplicate II


Presented at the office of the sub Registrar
Thamaraikulam on the 27th 15
January 2018
and affording photo and finger
impressions under section 32(a) of registration
act and a fee of Rs. Ninety paid by

seven thousand six hundred and
eighty eight paid as a payment by


Fathimas House

Abdulla koya thangal C.P. 

On this the 27th day of January 2018

Sub Registrar, Girisikumar.A.V. 

Fathimas House

Abdulla koya thangal C.P. 

s/o Pookoya thangal, Business, Koduvally as


Managing Partner of M/s Ruby Stone Crusher, Chama, Thamaraikulam

I am hereby satisfied on the admission of execution by Sri. T. Mohan:
District Geologist, Kozhikode, the 2nd executant, who is exempted from personal
appearance at this office under sec. 88(c) of Indian Registration Act

1st executant identified by

1. Abdul Basheer. M.

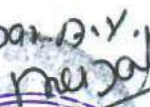
Maruthungal. Koduvally.

 S/o Abdoosacker. Agriuttha

2. Marudhyal. Mahummal Abdhaliman  s/o HANZA

Agriuttha Koduvally

On this the 27th day of

January 2018 Sub Registrar Girisikumar.A.V. 
Registered document number 287 of 2018
I. volume 1383 on pages 417
to 426. 8 sheets. 1st

On this the 27th day of January 2018 Sub Registrar



Witnesseth that in consideration of the rents and royalties and lessee's/Lessee's covenants, hereinafter reserved and contained the State Government hereby give on lease to the lessee/lessees the land measuring **4.1943 hectares** described in the schedule hereunder and delineated on the plan hereto annexed and therein coloured red (hereinafter called the "said lands") to hold the same for a period of **12 (Twelve)** years commencing from the 15.01.2018 and ending on the 14.01.2030 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 authorized by him in this regard. The permits shall be issued only on the basis of pre-paid royalty at the rates specified in Schedule I to these Rules. The royalty rates shall be subject to revision from time to time as the State Government may order.
3. The lessee/lessees shall pay to the State Government a yearly surface rent equal to the land revenue if any, assessable under the rules for the time being in force, or if the land be the property of Government or in reserve forest then equal to the land revenue plus cess, if any, per hectare of the land the surface whereof shall be occupied or used by the lessee/lessees for any of the purposes of this deed and so in proportion for any area less than one hectare. The said surface rent shall be paid by yearly payments; the first of such payments to be made on or before the last day of the first year of occupation provided always that no such rent shall be paid or demanded in respect of any roads or ways now in existence.

T. MOHANAN, DISTRICT GEOLOGIST

GEOLOGIST
DISTRICT OFFICE
DEPARTMENT OF MINING AND GEOLOGY
CIVIL STATION
KOZHIKODE - 673 020

ABDULLA KOTA THANGAS



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 there from. The lessee/lessees shall submit reports in Forms F and G on the specified dates.
5. All sums found due under or by virtue of this deed from the lessee/lessees may be recovered from him jointly and severally from them and his/their properties movable and immovable under the provisions of the Revenue Recovery Act for the time being in force as though such sums are arrears of land revenue or in any other manner as the State Government may deem fit.
6. The lessee/lessees shall at the lessee's/lessees' own expense erect and at all times maintain and keep in repair boundary marks and pillars along the boundaries of the said lands according to the demarcation shown in the plan here to annexed.
7. The lessee shall not carry on or allow to be carried on any quarrying operations at or to any points within a distance of 100 metres from any railway line except with the previous written permission of the railway administration concerned and any bridge on National Highway 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 one kilometer from the boundaries of National Park or Wildlife Sanctuaries except with the previous permission of the authorities concerned or the Government or competent authority.
8. The sides of open workings shall be sloped, stepped or secured by the lessee in such a manner as to prevent slope failure, when an open working is worked in steps, steps shall be of sufficient breadth in relation to their height to secure safety. In open workings trees liable to fall and all loose ground and material shall be removed by the lessee sufficiently far from the edge or otherwise made source in order to prevent danger to persons employed in the quarry.

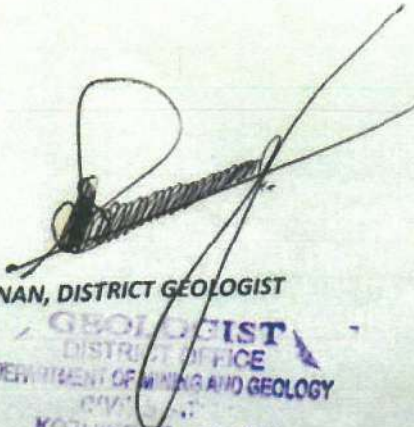

T. MOHANAN, DISTRICT GEOLOGIST

GEOLOGIST
DISTRICT OFFICE
DEPARTMENT OF MINING AND GEOLOGY
CIVIL STATION
KOZHIKODE - 673 020


ABDULLA KOYA THANGAL, C.P.



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 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.


T. MOHANAN, DISTRICT GEOLOGIST

GEOLOGIST
DISTRICT OFFICE
DEPARTMENT OF MINING AND GEOLOGY
Kozhikode - 673 020


ABDULLA KOYA THANGAL, C.P.



20. The lessee/lessees shall furnish such reports and returns relating to output, labourers employed and other matters as the State Government may prescribe.
21. The lessee/lessees shall make and pay such reasonable compensation as may be assessed by lawful authority in accordance with the law in force on the subject for all damage, injury or disturbance which may be done by him/them in exercise of the powers granted by this lease and shall indemnify and shall keep indemnified fully and completely the State Government against all claims which may be made by any person or persons in respect of any such damage, injury or disturbance and all costs and expenses in connection therewith.
22. Any condition prescribed in the Kerala Minor Mineral Concession Rules, 2015 but left out in this lease which may be found applicable to the lessee / lessees shall be treated as binding on the lessee/lessees.
23. In this case anticipated royalty for the mineral at rate of Rs. 24/- (Rupees twenty four only) per ton for a period of one year is **Rs. 24,00,000/- (Rupees twenty four lakh only)**.
24. Dead rent realized at the rate of Ist year – NIL IInd year - Rs. 300/- (Rupees three hundred only) and IIIrd year onwards - Rs. 1,200/- (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. 839/- (Rupees eight hundred and thirty nine only)** and security deposit is **Rs. 41,943/- (Rupees forty one thousand nine hundred and forty three only)**.

SCHEDULE OF DESCRIPTION OF LAND

District	: Kozhikode
Taluk	: Thamarassery
Village/Amsom	: Kattippara
Re - Survey No. ^s of the Area	: 1
Area in Hectares	: 4.1943 Hectares

(Signature)
T. MOHANAN, DISTRICT GEOLOGIST

GEOLOGIST
DISTRICT OFFICE
DEPARTMENT OF GEOLOGY
KOZHIKODE - 673 020

(Signature)
ABDULLA KOYA THANGAL



15. If the lessee/lessees shall be desirous of taking a further lease of the said lands he/they shall give three months' previous notice in writing of such desire to the State Government/competent authority and if the lessee/lessees has/have duly observed all the conditions of this lease, the State Government/competent authority may agree to renew the lease for such further term and on such terms and conditions as the State Government/competent authority may determine which shall be in accordance with the provisions of these rules.
16. If the lessee/lessees shall at any time during the said term use the said lands or any part thereof in any manner other than as 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. 25,000/- (Rupees twenty five thousand only) for the breach as the State Government/competent authority may fix.
17. If at the expiration of three calendar months after the expiry of the lease or its sooner determination, there shall remain in or the said lands, any engines, machinery, plant buildings, structures and other works, erections and conveniences the said minerals or other property which the lessee is/lessees are entitled to remove from the said lands, the same shall, if not removed by the lessee/lessees within one calendar month after notice in writing requiring their removal be given to the lessee/lessees by the State Government/competent authority be deemed to become the property of the State Government in such manner as they may deem fit without liability to pay any compensation or to account to the lessee/lessees in respect thereof.
18. This lease subject to all rules and regulations which may from time to time be issued by the State Government regulating the working of the quarries and other matters affecting safety, health and convenience of the lessee's/lessees' employees or of the public, whether under the Indian Mines Act or otherwise.
19. The lessee/lessees shall without delay send to the District Collector and the competent authority or the officer authorised 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.

T. MOHANAN, DISTRICT GEOLOGIST

GEOLOGIST
DISTRICT OFFICE
DEPARTMENT OF MINING AND GEOLOGY
CIVIL AVENUE
KOZHIKOD

ABDULLA KOYA THANGAL



Bounded by Survey No:

On the North by : Re - Survey No. 1
On the East by : Re - Survey No. 1
On the South by : Re - Survey No. 1
On the West by : Re - Survey No. 1

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

Signed by.....
for and on behalf of the



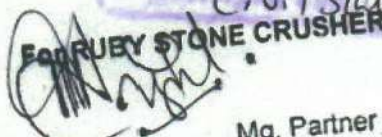
In the presence of

Praveen Kumar P. S/o. Padmanabhan

(1) Sr. Clerk, District office of Mining and Geology
Civil Station, Kozhikode

SUNIL KUMAR V.M; S/o. V. Vincent

(2) U.D. Typist, District office of Mining & Geology
Civil Station, Kozhikode



Signed by..... Mg. Partner
for and on behalf of the lessee/lessees

Prepared by: **Abdullakoya Thangal, Managing Partner.**

In the presence of

(1) *Abdul Busheer M. S/o. Aboobacker*

Mannathungal. (H) Pulukatty. Koduvally. P.O.

(2) *Muhammed. Abdurrahman M. S/o. HAMZA*

Mannathal. Pulukatty, Koduvally (P.O)

Note of corrections Nil.

~~T. MOHANAN, DISTRICT GEOLOGIST~~
~~GEOLOGIST~~
~~DISTRICT OFFICE~~
~~DEPARTMENT OF MINING AND GEOLOGY~~
~~CIVIL STATION~~
~~KOZHIKODE - 673 020~~

ABDULLA KOYA THANGAL C.P.



ANNEXURE 3
Explosive License



भारत सरकार | Government of India

वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry

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

पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives

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

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

फोन (Phone):- 2427286 | फैक्स (Fax):- 2427276

ई-मेल Email: dyccecochin@explosives.gov.in

संख्या (No.): E/SC/KL/22/1153(E58074)

दिनांक (Date): 25/01/2024

सेवा में | To,

Shri Abdulla Koya Thangal Managing Partner,
M/s.Ruby Stone Crusher, Chamal P.O., Thamarassery, Town/Village - Thamarassery
District-KOZHICODE, State-Kerala, Pincode - 673573

विषय : Survey No.R.S.No.1 of Chamal Desam, Kattippara village, Thamarassery taluk, ग्राम Kedavoor village,kozhikode taluk, जिला KOZHICODE, 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/22/1153(E58074) के नवीनीकरण संदर्भ में।

Subject: Possession for Use of of Explosives from magazine situated at Survey No.:R.S.No.1 of Chamal Desam, Kattippara village, Thamarassery taluk, Kedavoor village,kozhikode taluk, Dist. KOZHICODE, Kerala -Licence No.: E/SC/KL/22/1153(E58074) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या 105668 दिनांक 17/01/2024 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक 31/3/2029 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।

Reference to your letter No.: 105668 dated: 17/01/2024, the subject licence duly renewed upto 31/3/2029 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/ 2029 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 31/3/2029.

- प्ररूप आरई-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन।
Application in Form RE-1 duly filled in and signed.
- एक से पाँच वर्ष के अनुज्ञप्ति शुल्को का, विस्फोटक नियम, 2008 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से लाइसेंस शुल्क ऑनलाइन जमा किया जाना है।
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 त्रैमासिक 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

(दीपक कुमार | Deepak Kumar)

विस्फोटक नियंत्रक | 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), KOZHICODE (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>)

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

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

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

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

अनुज्ञापि सं. (Licence No.) : E/SC/KL/22/1153(E58074)

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

1. Licence is hereby granted to

Shri Abdulla Koya Thangal Managing Partner (अधिभोगी / Occupier : Abdulla Koya Thangal), M/s.Ruby Stone Crusher, Chamal P.O., Thamarassery, Town/Village - Thamarassery, District-KOZHIKODE, State-Kerala, Pincode - 673573



को अनुज्ञापि अनुदत्त की जाती है।

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

3. अनुज्ञापि निम्नलिखित प्रयोजनों के लिए विधिमाम्य है।

Licence is valid only for the following purpose.

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

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

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

क्र. सं.	नाम और विवरण	वर्ग और प्रभाग	उप-प्रभाग	मात्रा किसी एक समय में
Sr. No.	Name and Description	Class & Division	Sub-division	Quantity at any one time
1.	Nitrate Mixture	2,0	0	150 Kg.
2.	Safety Fuse	6,1	0	1650 Mtrs
3.	Electric Detonators	6,3	0	2000 Nos.
4.	Ordinary Detonator	6,3	0	2000 Nos.

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

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

20 times as above.

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

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

रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1153(E58074)

दिनांक (Dated) 19/01/2011

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

Survey No. R.S.No.1 of Chamal Desam, Kattippara village, Thamarassery taluk, ग्राम (Town/Village) : Kedavoor village,kozhikode taluk

जिला (District) **KOZHIKODE** पुलिस थाना (Police Station) : **Koduvally**

दूरभाष (Phone)

9446012919

राज्य (State)

Kerala

पिनकोड (Pincode)

673573

ई. मेल (E-Mail)

फैक्स (Fax)

7. अनुज्ञापि परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

The licensed premises consist of following facilities.

pucca magazine of masonry construction

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

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

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

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

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

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

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

9. यह अनुज्ञापि तारीख **31 मार्च 2015** तक विधिमाम्य रहेगी। This licence shall remain valid till **31st day of March 2015**.

यह अनुज्ञापि, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञापि की शर्तों का अधिक्रमण करने या यदि अनुज्ञापि 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 - 19/01/2011

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

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 14/11/2013
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 02/11/2017
- Amendment in Drawings/Facilities/Premises dated : 14/12/2017

Transfers :

- Change in Licensee Name/Address/Status dated : 09/10/2018

नवीनीकरण के पृष्ठानक 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
25/01/2024	31/03/2029	Dy. Chief Controller of Explosives, Ernakulam

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

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

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

Safety distances required to be kept clear around magazine for high explosives or fire works or factory licence number E/SC/KL/22/1153(E58074) in form LE-3 granted to Shri Abdulla Koya Thangal Managing Partner, M/s.Ruby Stone Crusher, Chamal P.O., Thamarassery, Kerala-673573 .

Type of Structure(s)	Safety distances meters	
	M	UM
Inside Safety Distances(ISD)		
1 Room or Workshop used in Connection with the Magazine	13	19
2 Any other Explosives Magazine or store House or Factory of the Applicant		
3 Magazine Office		
Middle Safety Distances(MSD)		
4 Magazine Keeper's or Chowkidar's Dwelling house		
5 Railway including Minerals and Private Railways		
6 Canal (in active use) or other navigable water		
7 Dock or Pier or Jetty		
8 Public Highway or Public Road		40
9 Private Road which is PRINCIPAL means of access to a Temple, Mosque, Church, Gurudwara or other places of worships, Hospital, College, School or Factory		
10 River Embankment or Sea Embankment or Public Well		
11 Reservoir or Bounded tank/rope way		
12 Windmillor or Solar panel for Power Generation		
Outside Safety Distances(OSD)		
13 Dwelling House		
14 Govt. and Public Building		
15 Temple, Mosque, Church or Gurudwara or other Places of Worships		
16 Shops, Market place, Public recreation and Sports Ground, College, School, Hospital, Theater, Cinema or other Building where the public are accustomed to assemble		
17 Factory		
18 Buildings or Works used for the Storage in Bulk of Petroleum, Sprit, gas, or other inflammable or hazardous substances		45
19 Building or Works used for Storage and Manufacture of Explosives or of articles which contain Explosives		
20 Aerodrome		
21 Furnace, Kiln or Chimney		
22 Quarry or mine pit head		
23 Power House or Electric Substation		
24 Wireless Station		
25 Warehouse or other Storage Building		
26 Any other Protected works		
Overhead Electric lines		
27 Electric Power over head Transmission Lines above 440V		45
28 Electric Power over head Transmission Lines upto 440V		15

The Date : 19/01/2011

For Joint Chief Controller of Explosives
South Circle, Chennai

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 14/11/2013
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 02/11/2017
- Amendment in Drawings/Facilities/Premises dated : 14/12/2017

Transfers :

- Change in Licensee Name/Address/Status dated : 09/10/2018

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

मैगजीन में वर्ग 1,2,3,4,5,6, और 7 के विस्फोटकों को बिक्री या प्रयोग हेतु रखने के लिए प्ररूप एल.ई. 3 [अनुच्छेद 3 (ख) से (ग)] में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक द्वारा प्रदान किए जाने वाले अनुज्ञप्ति सं. E/SC/KL/22/1153(E58074) की शर्तों निम्नलिखित हैं।

The following are the conditions of licence number E/SC/KL/22/1153(E58074) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c)) granted by Chief controller of Explosives or Controller of Explosives.

- परिसर में किसी भी समय विस्फोटकों की मात्रा अनुज्ञापन योग्य सामर्थ्य से अधिक नहीं होगी।
The quantity of explosives on the premises at any one time shall not exceed the licensable capacity.
- विस्फोटकों के भंडारण के लिए प्रयुक्त होने वाली मैगजीन अनुसूची III और अनुज्ञप्ति के उपाबंध में विनिर्दिष्ट सुरक्षा दूरी बनाए रखना होगा।
The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to the licence.
- मैगजीन का प्रयोग उन सभी विस्फोटकों के, जो इस अनुज्ञप्ति में विनिर्दिष्ट है, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं।
The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
- पैकजों को खोलने का कार्य और विस्फोटकों को तौलने तथा पैक करने का कार्य मैगजीन में नहीं किया जाएगा।
The opening of packages and the weighing and packing of explosives shall not be carried on in the magazine.
- दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर पृथक कर दिया जाए कि किसी वजह से विस्फोटक में लगने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटक तक न पहुंच सके : परंतु –
(घ) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पलीते और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेरक पलीते, जिनमें कोई खुला लोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थायन के रखे जा सकते हैं।
(ङ) वर्ग 6 प्रभाग 3 के अंतर्गत आनेवाले विस्फोटक प्रेरक अलग रखे जाएंगे।
(च) वर्ग 1 के अंतर्गत आने वाले बारूद को अलग रखा जाएगा।
Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other; Provided that—
(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space ;
(e) Detonators belonging to Class 6 Division 3 shall be kept separately.
(f) Gun powder belonging to Class 1 shall be kept separately.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुज्ञापन प्राधिकारी की विशेष मंजूरी के मैगजीन में नहीं रखा जाएगा।
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी दे दी हो।
(i) जब ऐसी मंजूरी दे दी गई हो तो प्रत्येक निरीक्षण पर किसी विस्फोटक नियंत्रक से ऐसा लिखित प्रमाणपत्र अभिप्राप्त कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आनेवाली अवधि दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुज्ञप्तिधारी अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा।
(ii) जब कोई विस्फोटक मानक शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो ग्लाइसीन या द्रव नाइट्रो योगिक के निकल जाने के चिन्ह प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञप्तिधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करें।
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.
(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.
(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.
- मैगजीन के भीतरी भाग या उसमें लगी बेंचों, शेल्फों और उसकी फिटिंग का इस प्रकार सन्निर्माण किया जाएगा या उन्हें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोका जा सके। भीतरी भाग में लगी बेंचे, शेल्फें और फिटिंग यथासाध्य ग्रिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सम्यक सावधानी बरती जाएगी कि वहां कोई जल मौजूद न रहे : परंतु किसी लोहे या इस्पात के खुले होने के विरुद्ध सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बांधेकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से भिन्न कोई विस्फोटक रखा गया है।
The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from; Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.
- यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञप्तिधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञप्तिधारी द्वारा पश्चात्कर्त्त प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तडित चालक को समाधानप्रद घोषित नहीं कर देता :
परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के किए गए सभी परीक्षणों के लिए प्रभार्य होगा :
परंतु यह और कि यदि दो या अधिक तडित चालक एक ही मैगजीन से संबद्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तडित चालक के परीक्षण के लिए हर स्थिति में विहित की गई है।
If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the even of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory:
Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day :
Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.
- उपयुक्त तथा जब रहित कार्यकरण वस्तु, उपयुक्त जूतों के प्रयोग द्वारा तथा तलाशी लेकर या अन्यथा अथवा ऐसे किन्हीं साधनों द्वारा इस बाबत सम्यक उपबंध किया जाएगा कि फैक्ट्री परिसर में अग्नि, दियासलाई अथवा ऐसी कोई वस्तुएं या पदार्थ, जिससे विस्फोट हो सकता है या आग लग सकती हो, किन्तु इस शर्त के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम बत्ती का प्रवेश वर्जित नहीं है जिससे आग लगने या विस्फोट होने का खतरा न हो :
परंतु इस शर्त का वह भाग, जो लोहे या इस्पात के अपवर्जन को लागू होता है, ऐसे किसी भवन के संबंध में बाध्य कर नहीं होगा जिससे भिन्न कोई विस्फोटक नहीं रखा गया है।
Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching or otherwise or by such means, for preventing the introduction into danger area of the factory premises of fire, Lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or explosion:
Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.

11. अनुज्ञापितधारों प्ररूप आर.इ.-3 और आर.इ.-4 या आर.इ.-5, जैसी स्थिति हो, में सभी विस्फोटकों का अभिलेख और लेखा रखेगा और विस्फोटक नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर स्टॉक पुस्तक और अभिलेख प्रस्तुत करेगा। स्टॉक पुस्तक विहित प्रोफार्मा में पृष्ठ संख्यांकित होगी।
The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforma shall be page numbered.
12. परिसरों में कोई परिवर्तन या तबदीली अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुज्ञापितधारी ऐसी किसी शर्त का अनुपालन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्दिष्ट करें।
No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.
13. मैगजीन सभी समयों पर अच्छी मरम्मत की स्थिति में बनाई रखी जाएगी (या अच्छी हालत में बनाई रखी जाएगी)। यदि किसी कारणवश किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुज्ञापितधारी इस बात की सूचना अनुज्ञापन प्राधिकारी को तुरंत देगा।
Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason whatsoever.
मैगजीन का अनुज्ञापितधारी इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा।
The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.
14. यदि सुरक्षा दूरी का कोई अधिक्रमण होता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को आवश्यक सलाह और कार्यवाही के लिए तुरंत दी जाएगी।
Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.
15. यदि कोई विस्फोटक विनष्ट हुआ अथवा अनुपयोगी जाया जाता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को, सलाह प्राप्त करने के लिए, तुरंत दी जाएगी।
The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.
16. विस्फोटकों के पैकेटों के चट्टे इस प्रकार लगाए जाएंगे कि कम से कम एक व्यक्ति भण्डार किए गए सभी पैकेजों की हालत की जांच करने और प्रत्येक पैकेज की विनिर्माण विशिष्टियों को पढ़ने के लिए उनके बीच से होकर आ जा सके।
The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.
तडित चालकों की भूमि के लिए प्रतिरोध यथासंभव न्यूनतम होगा और किसी भी दशा में 10 ओहम से अधिक नहीं होगा।
The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.
17. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुल्क घास या झाड़ी या ज्वलनशील सामग्री नहीं रहने दी जाएगी।
A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.
18. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी।
Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.
19. किसी मैगजीन / भंडारगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा।
Not more than 4 persons shall be allowed inside the magazine or store house at any one time.
20. विस्फोटकों के खाली पैकेजों को शीघ्रतिथीय वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा।
Empty packages of the explosives shall be removed at the earliest and destroyed.
21. अनुज्ञापितधारी और कर्मचारियों को परिसर के भीतर आपातकाल के दौरान की जाने वाली प्रक्रियाओं से अवगत होना चाहिए।
The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.
22. निरीक्षण या नमूना अधिकारी को सभी युक्तियुक्त समयों पर अनुज्ञापन परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबंधों और सुरक्षा स्थितियों को सम्यक्तः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी।
Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.
23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञापितधारक को अनुज्ञापन परिसरों या मशीनरी, टूल या उपकरण में ऐसी कोई मरम्मत या परिवर्धन या परिवर्तन करने या सिफारिशों को लागू करने को लिखित रूप में सूचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञापितधारक सिफारिशों को निष्पादित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा।
If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the license shall execute the recommendations and report compliance within the period specified by such authority.
24. अनुज्ञापितधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञापन फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पलीते खरीदेगा।
The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.
25. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले आतिशबाजियों पटाखों की बिक्री और रखने के लिए –
(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डी.बी.(ए1) या 145 डी.बी.(सी)पी के प्रतिबंधित होंगे;
(ख) श्रृंखला (जुड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 लॉग₁₀(एन) डी.बी. (सी) पी.के. प्रतिबंधित होंगे;
The possession and sale of fire-crackers generating noise level exceeding;
a) 125 dB(A) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;
b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log₁₀ (N) dB, where N = number of crackers joined together.
26. आग या विस्फोट द्वारा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत पास के पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी।
Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

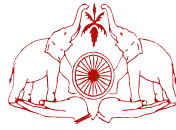
अतिरिक्त शर्तें / Additional Conditions :

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

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

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

ANNEXURE 4
Panchayath License



കട്ടിപ്പാറ 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 : 2123/2023

തീയതി : 28.03.2023

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	അബൂല്ലക്കോയ തങ്ങൾ സി.പി ,മാനേജിങ് പാർട്ണർ,റൂബി സ്റ്റോൺ ക്രഷർ,ചമൽ പി.ഒ ,താമരശ്ശേരി	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	റൂബി സ്റ്റോൺ ക്രഷർ-(Quarry) -ചമൽ	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	കരിങ്കൽ ക്വാറി നടത്തുന്നതിന്	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	04/418,419,419 A	
ലൈസൻസ് കാലയളവ്	01-04-2023 മുതൽ 31-03-2028 വരെ	
ഇടാക്കിയ ലൈസൻസ് ഫീസ്	25000 /- രൂപ	രസീത് നം: 1220103404 തീയതി: 13-03-2023
തൊഴിൽക്കരം	2500 /- രൂപ	രസീത് നം: 1220103404 തീയതി: 13-03-2023
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷേപപത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)	1-Consent No.PCB/KKD/DO/ICO-R2/3435/R17KOZ5582613/17399317/2022--Validity: 23/09/2027(Pollution Certificate) 2-Quarrying Lease-Doct No.287/I/2018- Executed by Dept. of Mining and Geology-- validity:14/01/2030 3-Certificate of registration -Issued by Ministry of Micro,Small and Medium Enterprise-Govt.of India: Cert No.UDYAM-KL-08-0003679 4-License No.A1-647/18 ;Dated; 10/04/2018--Previous License Issued by Kattippara Grama Panchayath.	

Document certified by GIRISH KUMAR K
 <GIRISHKUMARTMY@GMAIL.COM>
 Digitally signed by GIRISH KUMAR K
 Date: 2023.03.28 17:23 IST
 Reason: ILGMS Govt. of kerala

സെക്രട്ടറി
 കട്ടിപ്പാറ ഗ്രാമപഞ്ചായത്ത്

ANNEXURE 5
Consent from KSPCB



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/KKD/DO/3435/2017

Date of issue :31/07/2022

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : PCB/KKD/DO/ICO-R2/3435/R17KOZ5582613/ 17399317/2022

Ref : 1.Your online application no.17399317 dated 11.04.2022

2.Consent No.PCB/KKD/DO/ICO/3635/2017 dated 16.11.2017 valid up to 30.04.2020

3.Consent No : PCB/KKD/DO/ICO-R1/3635/R17KOZ5582613/11800127/2020 dated 03.03.2020 valid upto 23.09.2022

The ' Integrated Consent to Operate' issued as per reference above to M/s RUBY STONE CRUSHER (QUARRY)PMP ESTATE CHAMAL P.O. KOZHICODE is hereby renewed up to 23/09/2027 and issued to M/s RUBY STONE CRUSHER (QUARRY)PMP ESTATE CHAMAL P.O. KOZHICODE The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	Annual fee	Rs18000/-
2	Fees remitted	Rs 90000/-
3	validity	23.09.2027
4	Quarrying area	Quarrying in an area of 4.1943Ha of land in RS No.1, Kattippara village, Thamarassery Taluk, Kozhikode

II. Stack Details

Stack No.	Source of Emission	Emission Rate(Nm ³ /Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	

III. CONDITIONS

5.1 Condition no.2.4 of the consent referred 2nd above is modified to the extent that for renewal of the integrated consent application in the prescribed form shall be submitted to the Board before two months through the web portal of the Board (krocmmms.nic.in) for Online Consent Management & Monitoring System. Late application will be accepted only with fine/late fee as applicable.

5.2 Noise measured 1 m outside the boundary of the premises shall not exceed the limit specified for the area under the Ambient Air Quality Standards in respect of noise.

5.3 The consent is granted based on notification of MoEF dated 18/01/2021, Circular no PCB/HO/T4/115/97 dated 18/03/2021 of the Board and the order of the Industries Department, Govt of Kerala, No

G.O(Rt)No.203/2021/ID dated 12.02.2021.

5.4 Quarrying operation shall be strictly restricted to the area as per the VO approved location sketch and shall be confining to the area which is having valid Environmental Clearance.

5.5 The applicant shall submit copies of all relevant permits/lease/certificate/licenses periodically to this office to ensure the validity of this consent.

Reference: -

1. Environmental clearance No.10/DEIAA/KL/MIN/3970/2017 dated 23.09.2017 validity upto 23.09.2022
2. Explosive licence No.E/SC/KL/22/1153(E58074) dated 15.01.2019 validity upto 31.03.2024
3. Mining and Geology letter no:DOZ/M-1685/2015, dated 06.07.2022

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

DATE :31/07/2022

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER



To
SRI.ABDULLAKOYA THANGAL FAMOTHAS PALAKUTTY KODUVALLI P.O. KOZHIKODE-
673572

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

2. For verifying this document please go to krocmmms.nic.in and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent

Management and Monitoring System.

ANNEXURE 6
CSR Details

പ്രിയ വെണ്ടക്കുംചാൽ സംഘടിപ്പിക്കുന്ന

7-ാമത് വോളിമേള

2024 മെയ് 7

നമ്പർ. **92**

ശ്രീ/ശ്രീമതി..... *നരേഷ് കൃഷ്ണൻ* തിയ്യതി: *25-2024*

പക്കൽ നിന്നും രൂപ

സംഭാവനയായി കിട്ടിബോധിച്ചു.

₹ *2000/-*

ദുർണമെന്റ് കമ്മിറ്റി

ബൈജുവിന് ഒരു കൈത്താങ്ങു്

ഇറങ്ങാപ്പുഴ, പുതുപ്പാടി പി.ഒ., കോഴിക്കോട് - 673 586

സംഭാവന രസീത്

നമ്പർ **728**

ശ്രീ/ശ്രീമതി..... *മുഹമ്മദ് കൃഷ്ണൻ*

തിയ്യതി: *1/6/2024*

പക്കൽനിന്നും രൂപ

സംഭാവനയായി നൽകിപ്പറ്റും കിട്ടിബോധിച്ചു.

ചെയർമാൻ
Mob: 9946935923

₹ *10000/-*

കമ്മിറ്റി ചെയർമാൻ
Mob: 9645880338



DARUTHAQWA

EDUCATIONAL & CHARITABLE SOCIETY Reg. No. 817/2011

جمعية دار التقوى للتربية و الخيرية

4 Eaker Road, Engapuzha, Pudukkudi P.O., Pin: 673 586 Ph: 0495 2235011

No. **16423**

e-mail: daruthaqwaengapuzha@gmail.com

Date: 20/09/24

Received with thanks from Abdulla Koya Tanged

the amount Two-Thousand only

being

₹ 2,000/-

Secretary

ശ്രീ ശാന്താ ഭഗവതിക്ഷേത്രം

കാക്കവയൽ, കക്കാട് പി.ഒ

നമ്പർ. **1394**

സംഭാവന രസീത്

തീയതി. 01/05/2024

ശ്രീ. Ruby Stone

പക്കൽ നിന്നും

രൂപ സംഭാവനയായി നന്ദിപൂർവ്വം കിട്ടിബോധിച്ചു.

₹ 1000

എന്ന്, പ്രസിഡണ്ട് / സെക്രട്ടറി



കാർഗനൈസേഷൻ ഓഫ് സ്മാൾ ന്യൂസ് പേപ്പേഴ്സ് സൊസൈറ്റി (OSNS)

Reg. by Govt of Kerala, Reg. No. KKD/CA/308/2023

കേരള സംസ്ഥാന കമ്മിറ്റി

പി.ഒ. ചാലപ്പുറം, കോഴിക്കോട് - 3

നമ്പർ **42**

തീയതി 30/04/2024

ശ്രീ/ശ്രീമതി Ruby Stone

അവർകളുടെ പക്കൽനിന്നും Two-Thousand Rupees only രൂപ

സംഭാവനയായി നന്ദിപൂർവ്വം കിട്ടിബോധിച്ചിരിക്കുന്നു.

₹ 600/-

ജനറൽ സെക്രട്ടറി
(അ.എസ്. എൻ.എസ്.)
9846436173

ANNEXURE 7
Certificate of Mines Manager



Cert No. SMR-E/6075

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 गांवकर प्रतिश तुलशीदास

सुपुत्र तुलशीदास गांवकर

जिनकी जन्म तिथि 12.05.1991

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 23.11.2016 से प्रभावी है।

Shri Gaonkar Pratish Tulshidas son of Tulshidas Gaonkar

born on 12th May, 1991

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. 23.11.2016

Pratish

सचिव

खनन परीक्षा बोर्ड

Secretary

Board of Mining

Examinations

अध्यक्ष

खनन परीक्षा बोर्ड

Chairman

Board of Mining

Examinations

Signed and Sealed

Date 22.07.17

SMR-E

To



भारत सरकार (Government of India)
राज्य शासन (State Government)
उद्योग विभाग (Department of Industries)

2503 / 1.11.12.12

Home Address

Village Bardol

PO Lurchoran

Police Station Sanvordem

District South Goa

State Goa

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

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

1 _____ को 2 _____ को
On On

3 _____ को 4 _____ को
On On

5 _____ को 6 _____ को
On On

7 _____ को 8 _____ को
On On

9 _____ को 10 _____ को
On On

Prepared by Ratteng

Checked by [Signature]

ANNEXURE 8

Environmental Monitoring Cell Minutes

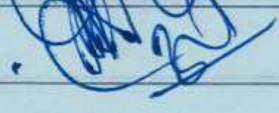

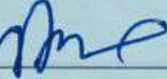
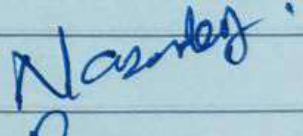
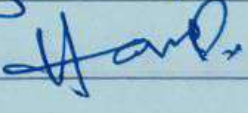
24th meeting held on 27-04-2024 at Crusher office.

27-04-2024ന് കൂടിർത്തിയിൽ നടപ്പിലാക്കിയ 11-ൽ
കൂടെ ECRC മീറ്റിംഗിൽ പങ്കെടുക്കുന്നവരുടെ തിരച്ചിൽ

പങ്കെടുക്കുന്നവർ:

1- ജില്ലാ പഞ്ചായത്ത് മെമ്പർ/സെക്രട്ടറി മുഖേന
നടപ്പിലാക്കിയ Family Health Centre പദ്ധതിയിൽ
പങ്കെടുക്കുന്നവർ 14 ലെക്ടറൽ സെൽ വർക്ക് ചെയ്ത
CSR രേഖകളിൽ നിന്നും പങ്കെടുക്കുന്നവർ തിരഞ്ഞെടുക്കും.

പങ്കെടുക്കുന്നവർ:

- 1. C.P. Abdulla kays thanged. 
- 2. K.P. Majeed 
- 3. P.C. മുഹമ്മദ്. 
- 4. C.P. Nazar kays thanged. 
- 5. C.P. Hasim kays. 

പങ്കെടുക്കുന്നവർ:

1- പഞ്ചായത്ത് മെമ്പർ/സെക്രട്ടറി മുഖേന നടപ്പിലാക്കിയ
Family Health Centre പദ്ധതിയിൽ പങ്കെടുക്കുന്നവർ
14 ലെക്ടറൽ സെൽ EC Revalidation
നടപ്പിലാക്കിയവർ തിരഞ്ഞെടുക്കുന്നവർ തിരഞ്ഞെടുക്കും.

അമ്മൻ തിരുവനന്തപുരം.

2. അമ്മൻ തിരുവനന്തപുരം ജില്ലാ പഞ്ചായത്ത് പ്രസിഡന്റ്
തിരുവനന്തപുരം ജില്ലാ പഞ്ചായത്ത് പ്രസിഡന്റ്

അമ്മൻ തിരുവനന്തപുരം ജില്ലാ പഞ്ചായത്ത് പ്രസിഡന്റ്

അമ്മൻ തിരുവനന്തപുരം ജില്ലാ പഞ്ചായത്ത് പ്രസിഡന്റ്

അമ്മൻ

 27/04/2024


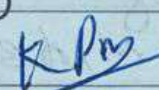
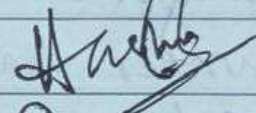
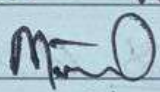
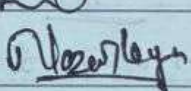
C.P. Abdulla Koya Thangal.

25th Meeting held on 29/07/2024 at Crusher office.

29/07/2024 ന് ക്രഷർ ഓഫീസിൽ ചെങ്കുട്ടി നവീനൻ 10 മണിക്ക്
ഭരണ EMC മീറ്റിംഗിൽ ചെങ്കുട്ടി ഓഫീസിൽ സിറ്റിംഗ് ചെയ്തു;

അവർ: ഇക്കാര്യം ഉറപ്പാക്കുന്നു

ചെങ്കുട്ടി ഓഫീസിൽ:

1. C.P. Abdulla koya thungal. 
2. K.P. Majeed. 
3. C.P. Hashim koya thungal. 
4. P.C. Muhammed. 
5. C.P. Nazar koya thungal. 

സിറ്റിംഗ് ചെയ്തു:

1. ഇക്കാര്യം ഉറപ്പാക്കുന്നു കൂടെ കിട്ടിയ ക്രാഷർ ഓഫീസിൽ
ചെങ്കുട്ടി നവീനൻ 10 മണിക്ക് ചെങ്കുട്ടി ഓഫീസിൽ സിറ്റിംഗ് ചെയ്തു;
കൂടെ കിട്ടിയ ക്രാഷർ ഓഫീസിൽ ചെങ്കുട്ടി നവീനൻ 10 മണിക്ക്
ചെങ്കുട്ടി ഓഫീസിൽ സിറ്റിംഗ് ചെയ്തു.
2. ക്രാഷർ ഓഫീസിൽ Blasting Time, Drilling Time Water-
Springer മെറ്റീരിയലുകൾ ചെങ്കുട്ടി ഓഫീസിൽ സിറ്റിംഗ് ചെയ്തു;
PTO.

കൃഷിക്കുറപ്പം ഉറപ്പ് വരുത്തുന്നതിനുള്ള മാർഗ്ഗങ്ങൾ

3. ഗോഡൗൺ മുൻപായി കൃഷി ചെയ്യാൻ വാടക ക്ലിയിയ്ക്കുകയോ കോൺക്രീറ്റ് ഉപയോഗിച്ച് കെട്ടിടം നിർമ്മിക്കുകയും ഉറപ്പ് വരുത്താനും.
4. ജലവിതരണ കമ്മീഷൻ ഉടമസ്ഥതയിൽ ഉൾപ്പെട്ട കൃഷി ചെയ്യാനുള്ള കെട്ടിടം നിർമ്മിക്കുക. കൃഷി ചെയ്യാൻ ഉപയോഗിക്കാൻ സാധിക്കുന്ന വിധത്തിൽ കെട്ടിടം നിർമ്മിക്കുകയും ഉറപ്പ് വരുത്താനും.
5. Desiltation ചെയ്യാൻ പദ്ധതിയിടുകയും കൃഷി ചെയ്യാൻ കഴിയുന്ന വിധത്തിൽ കൃഷി ചെയ്യാൻ കഴിയുന്ന വിധത്തിൽ കെട്ടിടം നിർമ്മിക്കുകയും ചെയ്യുക. Miss Manager ക്ക് നിർദ്ദേശം നൽകുക.
6. Rain water harvesting pond നിർമ്മിക്കാനും കൃഷി ചെയ്യാൻ വാടക ക്ലിയിയ്ക്കുകയും കൃഷി ചെയ്യാൻ കഴിയുന്ന വിധത്തിൽ കെട്ടിടം നിർമ്മിക്കുകയും ചെയ്യുക. Miss Manager ക്ക് നിർദ്ദേശം നൽകുക.
7. കൃഷി ചെയ്യാൻ കഴിയില്ലാത്ത വിധത്തിൽ കെട്ടിടം നിർമ്മിക്കുകയും കൃഷി ചെയ്യാൻ കഴിയുന്ന വിധത്തിൽ കെട്ടിടം നിർമ്മിക്കുകയും ചെയ്യുക.
8. കൃഷി ചെയ്യാൻ കഴിയില്ലാത്ത വിധത്തിൽ കെട്ടിടം നിർമ്മിക്കുകയും കൃഷി ചെയ്യാൻ കഴിയുന്ന വിധത്തിൽ കെട്ടിടം നിർമ്മിക്കുകയും ചെയ്യുക. Miss Manager ക്ക് നിർദ്ദേശം നൽകുക.
9. ഗോഡൗൺ കെട്ടിടം നിർമ്മിക്കുകയും കൃഷി ചെയ്യാൻ കഴിയുന്ന വിധത്തിൽ കെട്ടിടം നിർമ്മിക്കുകയും ചെയ്യുക.

ANNEXURE 9
Environmental Monitoring Results

TEST REPORT**ULR No.: TC1293924000021995F**

LRI No.: SEAAL24101855A

Date: 04-10-2024

Page 1 of 1

CUSTOMER DETAILS

Customer Name & Address	Mr. Abdulla Koya Thangal C .P Managing Partner M/s Ruby Stone Crusher PMP Estate, Chamal P.O Thamarassery, Kozhikode District.
Customer Reference	Test Request date: 29-09-2024

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN24091077
Sample Name	Ambient Air	Sample Received on	30-09-2024
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	01-10-2024
Sampled by	Lab Authorized Sampler	Test Completed on	04-10-2024

DETAILS OF SAMPLING

Sampling Location	Project Site	Date of Sampling	29-09-2024
Sampling Procedure	SEAAL/CHL/SOP/7.3/02	Humidity	69 %

SAMPLING SITE DETAILS

Re Survey No.	1		
Village	Kattippara	Taluk	Thamarassery
District	Kozhikode	State	Kerala

TEST RESULTS-CHEMICAL DISCIPLINE

SL NO	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ SATNDARD
1	Particulate matter, PM ₁₀	IS 5182 (Part 23): 2006	µg/m ³	42.8	100 (Max)
2	Particulate matter, PM _{2.5}	IS 5182 (Part 24): 2019	µg/m ³	21.8	60 (Max)
3	Sulphur dioxide as SO ₂	IS 5182 (Part 2): 2001	µg/m ³	<4.00	80 (Max)
4	Nitrogen dioxide as NO ₂	IS 5182 (Part 6): 2006	µg/m ³	<4.00	80 (Max)

End of Report


Shency Joy
TM - Chemical
Checked by
Laiju P.N.
Laboratory 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: TC1293924000021996F

LRI No.: SEAAL24101856A

Date: 04-10-2024

Page 1 of 2

CUSTOMER DETAILS

Customer Name & Address
Mr. Abdulla Koya Thangal C .P
Managing Partner
M/s Ruby Stone Crusher
PMP Estate, Chamal P.O
Thamarassery, Kozhikode District.

Customer Reference
Test Request date: 29-09-2024

DETAILS OF MONITORING


Product Category	Atmospheric Pollution	Sample Code	EN24091078
Sample Name	Ambient Noise	Monitoring Commenced on	29-09-2024
Test Method	IS 9989:1981	Monitoring Completed on	30-09-2024
Monitoring Location	Project Site	Monitored by	Lab Authorized Sampler

SAMPLING SITE DETAILS

Re Survey No.	1		
Village	Kattippara	Taluk	Thamarassery
District	Kozhikode	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	37.4
07:00	41.4	15:00	52.1	23:00	36.5
08:00	45.8	16:00	53.3	24:00	39.1
09:00	49.4	17:00	53.7	01:00	39.9
10:00	51.7	18:00	48.2	02:00	39.5
11:00	54.9	19:00	44.6	03:00	40.2
12:00	52.1	20:00	40.6	04:00	39.1
13:00	51.3	21:00	40.1	05:00	41.0



Shency Joy
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Checked by



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Laboratory Head
Authorized Signatory

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TEST REPORT

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Date: 04-10-2024

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Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time	dB(A)	50.2
2	Ambient Sound Level (Leq) Night Time	dB(A)	39.5

Remarks:

End of Report




Shency Joy
TM - Chemical
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Laboratory Head
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TEST REPORT**ULR No: TC1293924000021997F**

LRI No.: SEAAL24101856A

Date: 04-10-2024

Page 1 of 2

CUSTOMER DETAILS

Customer Name & Address	Mr. Abdulla Koya Thangal C .P Managing Partner M/s Ruby Stone Crusher PMP Estate, Chamal P.O Thamarassery, Kozhikode District.
Customer Reference	Test Request Date: 29-09-2024

SAMPLE DETAILS


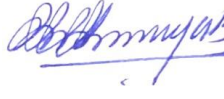
Product Category	Water	Sample Code	WT24090942
Sample Name	Ground Water	Sample Received on	30-09-2024
Sample Description by Customer	Open Well Water	Temperature @ Receipt	28°C
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	01-10-2024
Sample Quantity& Packing	2 L & 125 ml in a Plastic Bottle	Test Completed on	04-10-2024
Information Provided by Customer	---	Sampled by	Not drawn by Laboratory

SAMPLING SITE DETAILS

Re Survey No.	1		
Village	Kattippara	Taluk	Thamarassery
District	Kozhikode	State	Kerala

TEST RESULTS - CHEMICAL DISCIPLINE

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


Shency Joy
TM - Chemical
Checked by
Remya B.
TM-Biological
Authorized Signatory
Laiju P.N.
Laboratory Head
Authorized Signatory

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TEST REPORT

ULR No: TC1293924000021997F

LRI No.: SEAAL24101856A

Date: 04-10-2024

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TEST RESULTS - CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
2	Odour	IS 3025 (Part 5): 2018	---	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10): 2023	NTU	<0.10	1.0 (Max)
4	pH	IS 3025 (Part 11): 2022	---	6.91	6.50-8.50
5	Conductivity	IS 3025 (Part 14): 2013	µS/cm	94.1	---
6	Total Dissolved Solids	IS 3025 (Part 16): 2023	mg/L	60.9	500 (Max)
7	Total Hardness as CaCO ₃	IS 3025 (Part 21): 2009	mg/L	28.0	200 (Max)
8	Calcium as Ca	IS 3025 (Part 40): 1991	mg/L	8.00	75 (Max)
9	Magnesium as Mg	IS 3025 (Part 46): 2023	mg/L	1.95	30 (Max)
10	Chloride as Cl	IS 3025 (Part 32): 1988	mg/L	15.4	250 (Max)
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23): 2023	mg/L	12.5	200 (Max)
12	Iron as Fe	IS 3025 (Part 53): 2003	mg/L	0.16	1 (Max)
13	Sulphate as SO ₄	IS 3025 (Part 24/Sec 1): 2022	mg/L	<1.00	200 (Max)

TEST RESULTS - BIOLOGICAL PARAMETERS

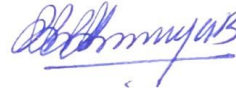
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
1	Total Coliform Bacteria	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml
2	<i>E.coli</i>	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml

Remarks:

End of Report



Shency Joy
TM - Chemical
Checked by

Remya B.
TM-Biological
Authorized Signatory



Laiju P.N.
Laboratory Head
Authorized Signatory

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