

From,

DATE: 14-07-2025

Sri. Arumughan K I
(Managing Director)
M/s Marath enterprises and Crusher Pvt
Ltd, Koppam, Amayur P.O,
Palakkad, Kerala -679310

To

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

Respected Sir/Madam,

Sub: Submission of Half yearly compliance report in respect of Granite Quarry project of M/s Marath enterprises and Crusher Pvt Ltd in Survey no. 197/2(P), 198/8(P), 198/9(P), 198/2(P), 198/10(P) & 205/2(P) in Koppam Village, Pattambi Taluk, Palakkad District, Kerala State- regarding.

Ref: Environmental Clearance issued vide letter No. 310/SEIAA/KL/1693/2014, Dated: 07-10-2023.

With respect to above subject, we are herewith submitting the detailed half yearly Compliance Report for the period from **October 2024 to March 2025** to all the conditions stipulated in the Environmental Clearance (EC) issued vide reference cited above.

Thanking you

Yours faithfully

ARUMUGHAN K I

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

COMPLIANCE REPORT FOR QUARRY PROJECT OF MARATH ENTERPRISES AND CRUSHERS PRIVATE LIMITED

SURVEY NOS : 197/2(P), 198/8(P), 198/9(P), 198/2(P),
198/10(P) & 205/2(P)

EXTENT : 1.5298 HECTARES

VILLAGE : KOPPAM

TALUK : PATTAMBI

DISTRICT : PALAKKAD

STATE : KERALA

ENVIRONMENTAL CLEARANCE

NO. 165/Q/2023 DATED 07.10.2023

(FILE NO: 310/SEIAA/KL/1693/2014, DATED:07-10-2023)

FIRST HALF YEARLY COMPLIANCE REPORT

FOR THE PERIOD FROM OCTOBER 2024 TO MARCH 2025

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I.

ABOUT THE PROPONENT

Mr. Arumughan K I, Managing Director, M/s Marath enterprises and Crusher Pvt Ltd, No-4, Kuwait Building, Guruvayoor Road, Koottanad Post, Palakkad is operating a Granite Building Stone Quarry.

State Environment Impact Assessment Authority (SEIAA) Kerala accorded Environmental Clearance No 165/Q/2023 dated 07-10-2023 to the quarry project in Koppam Village, Pattambi Taluk, Palakkad.

ABOUT THE PROJECT

a. Project Category:

The project comes under the Category B, Activity1(a), (i) of Schedule of EIA Notification2006 and subsequent amendments.

b. Project Location:

Survey Nos. 197/2(P), 198/8(P), 198/9(P), 198/2(P), 198/10(P) & 205/2(P) in Koppam Village, Pattambi Taluk, Palakkad. The proposed project site falls within latitude and longitude value:

Latitude (N)	10° 50'45.181"N to 10° 50'38.313"N
Longitude (E)	76°12.24.342"E to 76°12'18.763"E

c. Project Extent And Activity:

The project is for quarrying of 49,550 MT per annum of building stone from an area of 1.5298 hectares.

d. Project Description:

M/s Marath enterprises and Crusher Pvt Ltd has obtained Environmental Clearance by SEIAA for five years and the validity expires on 06-10-2028. The proposed Granite (Building Stone) quarry over an area of 1.5298 hectares is located in Koppam Village, Pattambi Taluk, Palakkad District, Kerala. The proponent has obtained approval for mining plan to produce 49,550 MT per annum. And the total projectcost for the project is Rs.1,70,75,000.

II. REPORT OF COMPLIANCE

A. SPECIFIC CONDITIONS

ITEM NO	STIPULATIONS IN EC	STATUS OF COMPLIANCE
S-1	The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.	Scrupulously follows the Directions contained.
S-2	The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.	Scrupulously follows the Directions contained.
S-3	A minimum distance of 50m buffer should be kept between the crusher unit and the boundary of the proposed mine.	Scrupulously follows the Directions contained.
S-4	The haulage road should be developed prior to the commencement of mining and it should be maintained well with frequent sprinkling.	Scrupulously follows the directions contained.

Figure -1 Photographs showing haulage road maintained well with frequent sprinkling.



S-5	Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are <i>Phyllanthus emblica</i> (Nelli), <i>Syzygium cumini</i> (Njaval), <i>Writia tinctoria</i> (Dhanthapala) , <i>Ficus bengalensis</i> (Peral), <i>Ficus racemosa</i> (Atti), <i>Bambusa bamboos</i> (Mullumula), <i>Dendrocalamus strictus</i> (Kallan mula), <i>Strychnos nuxvomica</i> (Kanjiram), <i>Terminalia cattappa</i> (Thanni), <i>Schleicher oleos</i> (Poovam), <i>Artocarpushirsutus</i> (Ayiniplavu) etc.	Green Belt will be developed accordingly.
S-6	Compensatory afforestation should be initiated prior to the commencement of mining and the coordinates and geo-tagged photographs of the site should be incorporated in the HYCR.	The Geo-tagged photograph of the compensatory afforestation is attached.

Fig 2: Photograph of Compensatory Afforestation



S-7	Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.	Scrupulously follows the directions contained.
S-8	Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the compliance report.	The Drainage system incorporating garland canal, slit traps, siltation pond are provided. Only clear water will be let out to the natural drain after subjecting to the de-siltation in sedimentation pond.

Fig 3: Photograph of drain leading to pond



S-9	Gabion wall of appropriate dimension should be provided for the protection of overburden dump.	Scrupulously follows the directions contained.
S-10	There will be five working quarries within 500 m radius of this quarry. Therefore, schedule of blast should be prepared and adhered to in consultation with other quarries so that blast from more than one quarry will take place at a particular time. Similarly, schedule of transportation of materials should also be planned among the adjacent quarries so as to avoid simultaneous blasting and traffic congestion. Copy of the schedule of blasting and transportation arrived in consultation should be made available to SEIAA, District Officer, Mining & Geology, local police station and Grama Panchayat.	Scrupulously follows the directions contained.
S-11	CER Plan should be implemented within the first 2 Years and it should be operated and maintained till the mine closure plan is implemented.	A table fan has been provided to Mailadippara Anganwadi, and the related photographs are attached below. Additionally, a water purifier has been

provided to G.L.P.S Aamayoor. The remaining activities will be carried out in the next year. CER details are attached in the (annexure.4).

Fig 4: Photograph showing CER fund utilization



S-12	Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).	Scrupulously follows the directions contained.
S-13	Adequate sanitation, waste management and rest room facilities should be provided to the workers.	The conditions are followed.
S-14	Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power.	The conditions are followed.

Fig 5: Photograph showing solar panel installation



S-15	Adequate measures should be taken to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority.	The conditions are followed.
S-16	The Environment Management Cell (EMC) should include an Environment expert the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR.	An Environment Monitoring Cell is constituted and made Functional (Details attached as ANNEXURE :3).
S-17	Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.	Scrupulously follows the directions contained.
S-18	As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER), the Project Proponent should implement the CER during the first two years and carry out its operation and maintenance till the mine closure plan is implemented as part of EMP as appraised by SEAC. The followup action on implementation of CER/EMP should be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of	Scrupulously follows the Directions contained.

	the approved EMP/CER should be made available to the concerned Panchayat for information and implementation support.	
S-19	In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.	Scrupulously follows the Directions contained.
S-20	As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEFCC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for the growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.	Blasting mats will be provided once the quarrying operation started.
S-21	The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.	Emp will also be implemented as per plan.

B GENERAL CONDITIONS

ITEM NO	STIPULATIONS IN EC	STATUS OF COMPLIANCE
G-1	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.	The proponent has provided notarized affidavit (indicating the number and date of environmental Clearance proceedings) that all the conditions stipulated in the EC has been scrupulously followed. (Details attached as Annexure 1)
G-2	All the statutory clearances should be obtained, as applicable, by the project proponent from the respective competent authorities including that for blasting and storage of explosives. Copies of all statutory clearances shall be submitted along with First Half Yearly Compliance Report.	Scrupulously follows the directions contained.
G-3	The project proponent should advertise in news papers that the project has been accorded Environmental Clearance and copies of clearance letters are available in the Office of State Environment Impact Assessment Authority (SEIAA) and on the website of the Authority at www.seiaakerala.in . The advertisement should be in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language. The advertisement should be made within 10 days from the date of receipt of the Environmental Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.	Advertised in local newspaper and submitted a copy is (enclosed as Annexure:10)

G-4	The proponent shall send a copy of the EC 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 uploaded on the website of the company.	Scrupulously follows the directions contained. (Panchayath certificate is attached as Annexure 5)
G-5	The lease area shall be fenced with barbed wire to a minimum height of 4ft around, before starting mining. All the boundary indicators (boards, markings, etc) shall be conspicuous and maintained at all times.	Scrupulously follows the directions contained.
G-6	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 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.	The conditions of Environmental Clearance are prominently displayed in a metallic board.

Fig 6: Photograph showing details of the environmental clearance prominently displayed in a metallic board



G-7	Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department. Mats to reduce fly rock blasts to a maximum of 10 PPV should be provided.	Scrupulously follows the directions contained. (Explosive license is attached as Annexure 7)
	Fig 7: Photograph of Magazine 	
G-8	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department.	Warning alarms shall be installed in the project site.
G-9	Access roads to the quarry shall be black topped to contain dust emissions that may arise during transportation of materials. The transportation of minerals should be done in covered trucks to contain dust emissions.	Access road to quarry is tarred to contain dust emissions that may arise during transportation of materials.

Fig 8: Photograph showing black topped road



G-10	A separate Environmental Management Cell (EMC) with suitable qualified personnel should be set-up under the chairmanship of a Senior Executive, who will report directly to the Head of the Organization. The Cell should have representative of Biodiversity Management Committee of the Panchayath and a representative of NGO, if any active in the area. The EMC should meet at least once in six months and review the activities and minutes should be a part of the compliance report.	A separate environmental management cell with suitable qualified personnel has been set-up under the control of a Senior Executive, who will report directly to the Head of the Organization. (Details of EMC is attached as Annexure 3).
G-11	Quarrying has to be carried out as per approved mining plan with the suggestions from SEAC incorporated and following KMMC rules 2015 and the Amendments thereby.	Scrupulously follows the directions contained.

G-12	The quarrying operation (blasting) shall be restricted between 7 AM and 5PM	The Conditions are followed
Fig 9 : Photograph showing Blasting time details 		
G-13	Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	The Conditions are followed.
G-14	Maximum depth of mining shall be as per the mining plan and as per specific direction of SEAC after field inspection. The maximum depth of mining should not be deeper than the local ground water table. No mining operations should be carried out at places having a slope greater than 45°.	The Conditions are followed.
G-15	The Height of any bench shall not exceed five meters and breadth shall not less than the height.	Height of the benches is maintained at 5 x 5 m.
G-16	The project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.	Ensured that no natural water course and/or water resources were obstructed due to any mining operations.

G-17	A Minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures and from forest boundaries or any other ecologically-sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.	Minimum buffer distance of 50m from the boundary of the quarry to the nearest dwelling unit or other structure is provided. 50m buffer distance is maintained from forest boundaries.
G-18	The proponent should plant seedlings at least 5 times of the loss of trees that has occurred while clearing the land for the project and follow planting measures as suggested by SEAC. Suitable avenue trees should be planted along the sides of the approach road and internal roads and open parking areas, if any. Preference should be given to endemic native and fruit bearing species. Planting in buffer areas should be taken up beforehand. Proper upkeep and maintenance of planted seedlings shall be ensured by the project proponent.	Scrupulously follows the directions contained.
G-19	The Proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad-leaved plants.	The conditions followed
G-20	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent. This eco-restoration should follow scientific standards available for restoration. Full recovery of the original vegetation and improving the resilience of different ecosystems. Overburden materials should be managed within the site and used for reclamation of mined pit as per mine closure plan / specific conditions.	To maintain eco restoration, periodical afforestation and maintenance of the plantation will be made, rain harvesting and dust controlling will be done. Mining will be carried by ecofriendly method.

G-21	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 suitable indigenous plant species, if no other specific condition on reclamation of pit is stipulated in the E.C. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.	At the time of the closure of the mine, it shall be ensured that the directions contained are scrupulously followed.
G-22	Control measures on noise and vibration prescribed by KSPCB should implemented. Quarrying activities should be limited to day time as per KSPCB guidelines/ specific conditions.	Quarrying activities is limited as per KPSCB guidelines.
G-23	Periodical monitoring of the vibrations at specified location (preferably at a distance of 50 m and 100m) to be conducted and records kept for inspection. This could also form a part of the compliance reports.	Scrupulously follows the directions contained.
G-24	Speed of trucks entering or leaving the mine site is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.	Scrupulously follows the directions contained.

G-25	Acoustic enclosures should be 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 standard limit indicated by CPCB/KSPCB.	To reduce sound amplifications green belt is provided.
G-26	Blasting should be done in a controlled manner using NONEL technique as specified by the regulations of petroleum and explosive safety organization (GOI) or any other concerned authorized agency. A Licensed person should supervise/control the blasting operations.	Licensed person is appointed to supervise the blasting operations. (Details is attached as Annexure 9)
G-27	Measures should be taken for control of noise levels below 85dBA in the work environment.	Measures have been taken for the control of noise levels below 85DbA in the work environment such as green belt is provided and regular monitoring of noise is done and indicates all the values to be within stipulated norms. (Lab report of noise is attached as annexure 8)
G-28	Project proponent should obtain necessary prior permission of the competent authorities for drawing requisite quantity of surface water and ground water for the project.	Scrupulously follows the directions contained.
G-29	Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six-monthly reports to SEIAA.	Regular monitoring reports indicated all the values to be within stipulated norms and are reported in the six-monthly reports to SEIAA.

G-30	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly in to the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green development etc. The drains shall be regularly desilted and maintained properly, particularly, after monsoon.	Scrupulously follows the directions contained.
G-31	Regular Monitoring of ground water level and quality shall be carried out around the mine area during mining operation. If any stage it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.	Scrupulously follows the directions contained
G-32	Garland drains and slit traps are to be provided in the slopes around the core area to channelize storm water. De silting of Garland canal and slit traps have to be attended on a daily basis. A Labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharges standards of CPCB.	Scrupulously follows the directions contained.
G-33	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 the E.C was issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority. In the case of transfer of ECs, the matter shall be intimated and get the approval	Scrupulously follows the directions contained.

	from the Authority as per the existing norms.	
G-34	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Scrupulously follows the directions contained. (Details is attached as Annexure-6)
G-35	The top soil, if any, shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained at 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geo textile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface runoff. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion/ flow of sediments during rains. The entire excavated area shall be backfilled.	Topsoil and overburden removed from the site is stored at an earmarked places and use the same in future for reclamation purposes

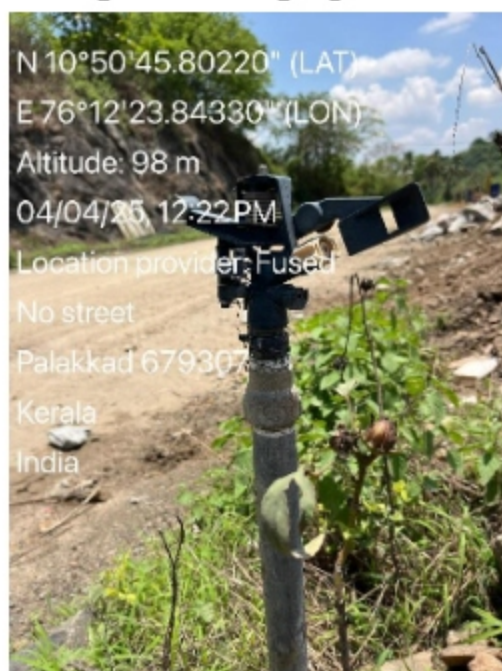
Fig 10: Photograph of OB Dump



G-36	All the mining equipment used in Mining like backhoe loaders and excavators cause pollution and hence shall be serviced regularly & maintained for their efficient functioning and for reducing pollution, Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations.	Scrupulously follows the condition.
G-37	All Vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution checking Centre. Washing of all Vehicles shall be inside the lease area.	All the vehicles being used in the Quarry are having PUC Certificate and wheel washing facility is being made inside the lease area.
G-38	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM10 and PM2.5 Monitoring of Ambient Air Quality to be carried out based on the Notification 2009. As amended from time to time by the	Adequate safeguard measures to reduce emission of high levels of PM10 and PM2.5 along haul road, loading and unloading points by regular water sprinkling and wetting of haul roads. Periodical monitoring of ambient air quality reports indicated all the values to be

	Central Pollution Control Board.	within stipulated norms. (Lab report of air is attached as annexure 8)
G-39	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement at project site, parking area, on haul roads, loading and unloading and at transport points should be provided and properly maintained.	Scrupulously follows the directions contained

Fig 11: Photograph of water sprinkler



G-40	Corporate Environmental Responsibilities (CER) as prescribed by SEIAA/ SEAC should be carried out leading to Environmental stability of the project region. The activities carried out under CER should be part of the half yearly compliance report. The certificates from the beneficiaries, if the CER part is completed should also be submitted to the state Environment Impact Assessment Authority (SEIAA) along with year wise expenditure.	Activities towards Corporate Environmental Responsibilities are being implemented. (Details of CER are attached as Annexure 4).
G-41	The Project proponent is responsible for implementing all the provisions of	Scrupulously follows the directions contained

	labour laws applicable from time to time to quarrying/Mining operations. The workers on the site should be provided with in-site accommodation or facilities at a suitable boarding place. Protective equipment such as ear muffs, helmet etc.	
G-42	The Proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.	Scrupulously follows the directions contained
G-43	Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. The report of health surveillance programme should be included in half yearly compliance reports.	Project Proponent has established a First Aid Facility in the Quarry area and also following an efficient and approved surveillance program for workers periodically to ensure the health and safety of the workers.
G-44	The pits in the abandoned quarries and in the mined area shall be used for activities like water harvesting, aqua culture etc. in an ecofriendly manner.	Scrupulously follows the directions contained
G-45	If Government Land is partly or fully used for mining, the area shall be returned at the end of the lease period after mine closure with separate demarcation with suitable survey marks.	Scrupulously follows the directions contained
G-46	Any accident occurring in the mined-out area after the lease period due to negligence in carrying out safety measures and non-closure. Will lead to suspension of all EC obtained for mining by the proponent.	The conditions followed.
G-47	In case of transfer of EC the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.	Scrupulously follows the directions contained

G-48	The proponent shall submit Half Yearly Compliance Reports (1st of June & 1st of December) 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 be simultaneously sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA). The proponent has to submit Environmental statement in form V of Environment (Protection) Rules 1986 to SPCB on 31st March every year.	Half yearly reports are submitted as stipulated.
G-49	The Project authorities should extend full cooperation to the officer (s) from the Regional Office of MOEF & CC located at Bangalore/SEAC/SPCB/CPCB/ dept of Mining and Geology. While monitoring compliance of the stipulated conditions by furnishing the requester data/information monitoring reports.	Scrupulously follows the directions contained

G-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.	Aware of the condition.
G-51	The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	All the safeguard measures are done as per Environment (Protection) Act, 1986.
G-52	The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.	The conditions followed
G-53	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.	Environmental Clearance is subjected by SEIAA. And there are no pending court cases. (Details of EC is attached as Annexure 2)
G-54	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	No appeal has been done regarding grant of EC within a stipulated period of 30 days from the date of grant of EC.
G-55	Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Aware of the condition.
G-56	The SEIAA may revoke in suspend the order for non-implementation of any of the specific or any of the above conditions. The SEIAA reserves the right to after/modify the above conditions or stipulate any further condition in the interest of	Aware of the condition.

	environmental protection.	
G-57	As per regulation no.106(2) of metalliferous mines regulation under Mines Act, the height of any bench shall not exceed six meters and breadth shall not be less than the height.	The height and breadth of benches will be maintained.



കേരളം KERALA

26AA 692198

I K I Arumughan, Managing Director, Marath Enterprises and Crushers Pvt Ltd., 8/280-D, Amayur P.O, Koppam, 679303, Pattambi Taluk, Palakkad District do hereby solemnly affirm and confirm as follows:-

1. That I have proposed a Granite Building Stone quarry which is situated at Block No: 24, Re-Sy No. 197/2, 198/8, 198/9, 198/10, 198/2-1, 205/2; 1.5298 Ha in Palakkad District, Pattambi Taluk, Koppam village, Kerala State.
2. That I will constitute an Environmental Monitoring cell for out project.
3. That I will Provide the systems to minimize dust emissions.
4. That I will provide adequate safety measures for the construction workers during the construction phase.
5. That I will provide green belt species shall be planted in the excavated pit for eco restoration



Date: 30.9.24

Rs. 100

Sold to K.I. Arumughan, Managing Director, Marath Enterprises & Crushers (P) Ltd. Amayur.

V.A. THANKAM
STAMP VENDOR SRO, VILAYUR

RANDHIR KUMAR. M.P. K I Arumughan
ADVOCATE & NOTARY
PATTAMBI
REG. NO: 6022
ROLL NO. K/1967/99



ENVIRONMENTAL
CLEARANCE

Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Kerala)

To,

The Managing Director
 MARATH ENTERPRISES AND CRUSHERS PRIVATE LIMITED
 Koppam, Amayur P.O, Palakkad, Kerala -679310

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/KL/MIN/273506/2022 dated 18 May 2022. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|---|
| 1. EC Identification No. | EC23B001KL180003 |
| 2. File No. | 310/SEIAA/KL/1693/2014 |
| 3. Project Type | New |
| 4. Category | B2 |
| 5. Project/Activity including Schedule No. | 1(a) Mining of minerals |
| 6. Name of Project | Marath enterprises And Crusher P Ltd |
| 7. Name of Company/Organization | MARATH ENTERPRISES AND CRUSHERS PRIVATE LIMITED |
| 8. Location of Project | Kerala |
| 9. TOR Date | N/A |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 07/10/2023

(e-signed)
 Dr Rathan U kelkar IAS
 Member Secretary
 SEIAA - (Kerala)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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PARIVESH
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 and Virtuous Environmental Single-Window Hub)*





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

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

**Sub:- Environmental Clearance for the Granite Building Stone Quarry of
Sri. Arumughan K I , Managing Director, M/s Marath Enterprises and Crusher
Pvt Ltd, No-4, Kuwait Building, Guruvayoor Road, Koottanad Post, Palakkad -
Granted – Orders issued.**

State Level Environment Impact Assessment Authority, Kerala

Proposal No. SIA/KL/MIN/273506/2022

File No. 310/SEIAA/KL/1693/2014

- Ref:** 1. Application for EC received from Shri. Arumughan K I on 18.05.2022
2. Judgment dated 26.08.2021 in WP (C) No. 14476/2021 filed by M/s Marath
Enterprises and Crushers Pvt. Ltd
3. Judgment dated 22.08.2022 in WP(C) No. 25902 of 2022 filed by M/s Marath
Enterprises and Crushers Pvt. Ltd
4. Judgment dated 20.07.2023 in WP(C)No. 10021 of 2023 filed by M/s Marath
Enterprises and Crushers Pvt. Ltd.
5. The Minutes of 148th meeting of SEAC held on 8th & 9th August 2023.
6. The Minutes of 131st meeting of SEIAA held on 24th & 25th August 2023.

ENVIRONMENTAL CLEARANCE NO.165/Q/2023

Sri. Arumughan K I, Managing Director, M/s Marath enterprises and Crusher Pvt Ltd,
No-4, Kuwait Building, Guruvayoor Road, Koottanad Post, Palakkad submitted an
application for Environmental Clearance via PARIVESH for Granite Building Stone Quarry
for an area of 1.5298 Ha at Survey Nos. 197/2(P), 198/8(P), 198/9(P), 198/2(P), 198/10(P) &
205/2(P) in Koppam Village, Pattambi Taluk, Palakkad.

I. Project Details

SL.No	Particulars	Details
1	Name of the Project	Granite Building Stone Quarry of Sri. Arumughan K I
2	Proposed Activity	Mining of Granite Building Stone
3	Name of the Sector & Schedule No. (in the EIA Notification, 2006)	Non Coal mining, Activity 1(a), Category B2
4	Name & Address of the Project Proponent	Sri. Arumughan K I , Managing Director, M/s Marath Enterprises And Crusher Pvt Ltd, No-4, Kuwait Building, Guruvayoor Road, Koottanad Post, Palakkad, Kerala – 679 533.
5	Project Location	
	a) Survey No.	197/2(P), 198/8(P), 198/9(P), 198/2(P), 198/10(P) & 205/2(P)
	b) Revenue Village	Koppam
	c) Taluk	Pattambi
	d) District	Palakkad.
6	Geo Co-ordinates	As per Approved Mining plan
7	Extent (in Hectare)	1.5298
8	Project Cost (Rs.)	1,70,75000
9	Mineable Reserve	The Mining and Geology Department shall be reassessed as per specific condition no. (3)
10	Water Requirement & Source	6.50 KLD Bore Well
11	Date of field inspection	15.06.2023

II. EMP Details

ENVIRONMENT MONITORING	CAPITAL COST (RS.)	RECURRING COST (RS.)
Air Pollution Control		
a. Dust Collector	3,00,000/	50,000/
b. Water sprinkler	3,00,000/	50,000/
Water Pollution Control		
a. Garland Drains	4,00,000/	50,000/
b. Silt traps	2,00,000/	20,000/
Green Belt Development Including cost of afforestation		
a. Saplings	2,00,000/	50,000/
b. Plant Guard including cost of Landscaping	1,00,000/	50,000/
Domestic Effluent management		
a. Dumping Yard retaining wall	4,00,000/	75,000/
Occupational Health and Safety		
a. Helmet, Mask, Hand Gloves, Mining Safety Shoes	1,00,000/	
Reclamation/Rehabilitation of Mined out Area	4,00,000/	70,000/
Total Cost of EMP	24,00,000	4,15,000 (per annum) (Total 20,75,000 for 5 years)

III. CER Details

Year	Acitivity	Expense(Rs)
1 st and 2 nd	Second floor extension on the existing building of GVHSS in Ward number:III at Koppam Panchayath, Pattambi Taluk,Palakkad	20,00,000/-
3 rd , 4 th & 5 th	Maintenance cost during remaining 3 years.	5,00,000/-
Grand Total		25,00,000/-

2. In the 148th meeting, the Committee verified the documents submitted by the Project Proponent and found them satisfactory. The Committee discussed the field inspection report and recommended EC for the project life of 5 year with certain Specific Conditions in addition to the General Conditions.

3. In the 131st meeting, the Authority examined the directions contained in the Judgment of the Hon'ble High Court read as 2nd, 3rd & 4th paper above and Authority also noted that as per the Cluster Certificate issued by the District Geologist and the field inspection report conducted on 15.06.2023, there is no cluster situation and hence there is no change in existing norms. So, Authority decided to issue Environmental Clearance for the project life of 5 (five) years, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. A minimum distance of 50m buffer should be kept between the crusher unit and the boundary of the proposed mine.*
- 4. The haulage road should be developed prior to the commencement of mining and it should be maintained well with frequent sprinkling.*
- 5. Development of green belt should be initiated prior to the commencement of mining using indigenous species. The suggested species are Phyllanthus emblica(Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala) , Ficus bengalensis(Peral), Ficus racemosa(Atti), Bambusa bamboos(Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica(Kanjiram), Terminalia cattappa(Thanni), Schleicher oleosa(Poovam), Artocarpus hirsutus(Ayiniplavu) etc.*
- 6. Compensatory afforestation should be initiated prior to the commencement of mining and the coordinates and geo-tagged photographs of the site should be incorporated in the HYCR.*

7. *Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.*
8. *Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the compliance report.*
9. *Gabion wall of appropriate dimension should be provided for the protection of overburden dump.*
10. *There will be five working quarries within 500 m radius of this quarry. Therefore, schedule of blast should be prepared and adhered to in consultation with other quarries so that blast from more than one quarry will take place at a particular time. Similarly, schedule of transportation of materials should also be planned among the adjacent quarries so as to avoid simultaneous blasting and traffic congestion. Copy of the schedule of blasting and transportation arrived in consultation should be made available to SEIAA, District Officer, Mining & Geology, local police station and Grama Panchayat.*
11. *CER Plan should be implemented within the first 2 Years and it should be operated and maintained till the mine closure plan is implemented.*
12. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
13. *Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
14. *Adequate energy conservation measures should be implemented including solar power installations. At least 40% of the energy requirement shall be met from the solar power*
15. *Adequate measures should be taken to harvest the rainwater as per the guidelines issued by the Central Groundwater Authority*
16. *The Environment Management Cell (EMC) should include an Environment expert the proceedings of the monthly meeting of the Environment Management Cell (EMC) should be submitted along with the HYCR.*
17. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*

18. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER), the Project Proponent should implement the CER during the first two years and carry out its operation and maintenance till the mine closure plan is implemented as part of EMP as appraised by SEAC. The followup action on implementation of CER/EMP should be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP/CER should be made available to the concerned Panchayat for information and implementation support.*
19. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
20. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEFCC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for the growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
21. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

4. Environmental Clearance as per the EIA Notification, 2006 is hereby accorded for the Granite Building Stone Quarry Project of Sri. Arumughan K I, Managing Director, M/s Marath Enterprises And Crusher Pvt Ltd, No-4, Kuwait Building, Guruvayoor Road, Koottanad Post, Palakkad for an area of 1.5298 Ha at survey nos. 197/2 (p), 198/8(p), 198/9(p) 198/2(p), 198/10(p) & 205/2(p) in Koppam Village, Pattambi Taluk, Palakkad., for the period of Five (5) years, from the date of execution of valid mining lease/permit from the Department of Mining and Geology as per S.O.1807 (E) dated.12.04.2022 of MoEF&CC, for the quantity reassessed by the Mining and Geology Department as per specific condition no. (3) in Para 3 above, and all the environmental impact mitigation and management measures undertaken by the Project Proponent in the Form

I, EMP, PFR and Mining Plan submitted to SEIAA. The assurances and clarifications given by the proponent will be deemed to be a part of this Proceeding as if incorporated herein. Also the General Conditions for projects stipulated for mining (items 1 to 57), mentioned below will be applicable and have to be strictly adhered to.

5. The Environmental 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. The above undertakings and the conditions and the undertakings of the Mining Plan in (Mining), (Blasting), (Mines Drainage), (Stacking of Mineral rejects and Disposal of waste), (Environment Management Plan) & (Progressive Mine Closure Plan) as submitted will be deemed to be part of this Proceedings as conditions as undertaken by the project proponent, as if incorporated herein.

6. Validity of the Environmental Clearance will be for a period of **Five (5) years** from the date of execution of valid mining lease/permit from the Department of Mining & Geology as per SO 1807(E) dated 12.04.2022 of MoEF & CC, subject to earlier review of EC in case of violation or non-compliance of conditions or genuine complaints from residents within the security area of the quarry.

7. Compliance with the conditions herein will be monitored by the State Environment Impact Assessment Authority or its authorised offices and also by the Regional Office of the Ministry of Environment, Forest & Climate Change, Govt. of India, Bangalore. 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. Instances of violation if any shall be reported to the **District Collector, Palakkad**

8. The Half Yearly Compliance Report (HYCRs) with name of the project, EC No. and date, the period of submission with its contents, compliance report and environmental monitoring data & covering letter have to be uploaded in the Parivesh Portal as per O.M. F.No.IA3-22/1/2022-IA-III(E)-17264 dated 14.06.2022 and the website of the Project Proponent. Hardcopy of HYCRs shall not be acceptable.

9. The given address for correspondence with the authorised signatory of the project is Sri. Arumughan K I , Managing Director, Marath enterprises And Crusher Pvt Ltd, No-4, Kuwait Building, Guruvayoor Road, Koottanad Post, Palakkad, Kerala – 679 533

GENERAL CONDITIONS

1. 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.
2. All the statutory clearances should be obtained, as applicable, by the project proponent from the respective competent authorities including that for blasting and storage of explosives. Copies of all statutory clearances shall be submitted along with First Half Yearly Compliance Report.
3. The project proponent should advertise in news papers that the project has been accorded Environmental Clearance and copies of clearance letters are available in the Office of State Environment Impact Assessment Authority (SEIAA) and on the website of the Authority at www.seiaakerala.in. The advertisement should be in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language. The advertisement should be made within 10 days from the date of receipt of the Environmental Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.
4. The proponent shall send a copy of the EC 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 uploaded on the website of the company.
5. The lease area shall be fenced with barbed wire to a minimum height of 4ft around, before starting mining. All the boundary indicators (boards, markings, etc) shall be conspicuous and maintained at all times.
6. 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 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.

7. Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department. Mats to reduce fly rock blasts to a maximum of 10 PPV should be provided.
8. Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department.
9. Access roads to the quarry shall be black topped to contain dust emissions that may arise during transportation of materials. The transportation of minerals should be done in covered trucks to contain dust emissions.
10. A separate Environmental Management Cell (EMC) with suitable qualified personnel should be set-up under the chairmanship of a Senior Executive, who will report directly to the Head of the Organization. The Cell should have representative of Biodiversity Management Committee of the Panchayath and a representative of NGO, if any active in the area. The EMC should meet at least once in six months and review the activities and minutes should be a part of the compliance report.
11. Quarrying has to be carried out as per approved mining plan with the suggestions from SEAC incorporated and following KMMC rules 2015 and the Amendments thereby.
12. The quarrying operation (blasting) shall be restricted between 7 AM and 5PM
13. Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.
14. Maximum depth of mining shall be as per the mining plan and as per specific direction of SEAC after field inspection. The maximum depth of mining should not be deeper than the local ground water table. No mining operations should be carried out at places having a slope greater than 45°.
15. The height of any bench shall not exceed five meters and breadth shall not be less than the height.
16. The Project proponent shall ensure that no perennial or intermittent natural water course and/or water resources are 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.

17. A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically_sensitive and archeologically_important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.
18. The proponent should plant seedlings at least 5 times of the loss of trees that has occurred while clearing the land for the project and follow planting measures as suggested by SEAC. Suitable avenue trees should be planted along the sides of the approach road and internal roads and open parking areas, if any. Preference should be given to endemic native and fruit bearing species. Planting in buffer areas should be taken up beforehand. Proper upkeep and maintenance of planted seedlings shall be ensured by the project proponent.
19. The proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad leaved plants.
20. Eco-restoration including the closure of mine as per the progressive closure plan and final closure plan shall be done at the cost of the project proponent. This eco-restoration should follow scientific standards available for restoration, full recovery of the original vegetation and improving the resilience of different ecosystems. Overburden materials should be managed within the site and used for reclamation of mined pit as per mine closure plan / specific conditions.
21. 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 suitable indigenous plant species, if no other specific condition on reclamation of pit is stipulated in the E.C. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.
22. Control measures on noise and vibration prescribed by KSPCB should be implemented. Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.
23. Periodical monitoring of the vibration at specified location (preferably at a distance of 50 m and 100 m) to be conducted and records kept for inspection. This could also form a part of the compliance reports.
24. Speed of trucks entering or leaving the mine site is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.

25. Acoustic enclosures should be 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 standard limit indicated by CPCB/KSPCB.
26. Blasting should be done in a controlled manner using NONEL technique as specified by the regulations of Petroleum and explosive safety organization (GOI) or any other concerned authorized agency. A licensed person should supervise/ control the blasting operations.
27. Measures should be taken for maintaining noise levels below 85 dBA in the work environment.
28. Project proponent should obtain necessary prior permission of the competent authorities for drawing requisite quantity of surface water and ground water for the project.
29. 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 compliance reports to SEIAA.
30. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps, to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, and for green belt development etc. The drains shall be regularly desilted and maintained properly, particularly after monsoon.
31. Regular monitoring of ground water level and quality shall be carried out around the mine area during mining operation. If any stage, if it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.
32. Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB.
33. 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 the E.C was issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority. In the case of transfer of ECs, the matter shall be

intimated and get the approval from the Authority as per the existing norms.

34. The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
35. The top soil, if any, shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained at 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geo textile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled.
36. All the mining equipment used in Mining like backhoe loaders and excavators cause pollution and hence shall be serviced regularly & maintained for their efficient functioning and for reducing pollution. Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations.
37. All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution checking centre. Washing of all vehicles shall be inside the lease area. .
38. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution such as haul road, loading and unloading points and transfer points and having high levels of PM₁₀ and PM_{2.5}. 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.
39. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement at project site, parking area, on haul roads, loading and unloading and at transport points should be provided and properly maintained.
40. Corporate Environmental Responsibilities (CER) as prescribed by SEIAA/SEAC should be carried out leading to Environmental stability of the Project region. The activities carried out under CER should be a part of the half yearly compliance report.

The certificates from the beneficiaries, if the CER part is completed should also be submitted to the State Environment Impact Assessment Authority (SEIAA) along with year wise expenditure .

41. The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying /Mining operations. The workers on the site should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.
42. The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.
43. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. The report of health surveillance programme should be included in the half yearly compliance reports.
44. The pits in the abandoned quarries and in the mined area shall be used for activities like water harvesting, aqua culture etc. in an eco friendly manner.
45. If Government land is partly or fully used for mining, the area shall be returned at the end of lease period after mine closure with separate demarcation with suitable survey marks.
46. Any accident occurring in the mined out area after the lease period due to negligence in carrying out safety measures and non-closure , will lead to suspension of all EC obtained for mining by the Proponent.
47. In case of transfer of EC the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.
48. The proponent shall submit Half Yearly Compliance Reports (1st of June & 1st of December) 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 be simultaneously sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA). The proponent has to submit Environmental statement in form V of Environment (Protection) Rules 1986 to SPCB on 31st March every year.
49. The project authorities should extend full cooperation to the officer (s) from the

Regional Office of MOEF & CC located at Bangalore/SEAC/SPCB/CPCB/dept of Mining and Geology, while monitoring compliance of the stipulated conditions, by furnishing the requisite data/information/monitoring reports.

50. The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license or consent given by any other authority for the same project.
51. 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.
52. The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.
53. The Environmental Clearance will be subject to the final order of the courts on any pending litigation related to the land or project, in any court of law.
54. 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.
55. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
56. The SEIAA may revoke or suspend the order, for non implementation of any of the specific or any of the above conditions. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
57. As per regulation no. 106(2) of metalliferous mines regulation under Mine act, the height of any bench shall not exceed six meters and breadth shall not be less than the height.

The direction of Hon'ble High Court read 2nd, 3rd & 4th paper above is complied with accordingly.

Sd/
Administrator, SEIAA
For Member Secretary, SEIAA

To,

Sri. Arumughan K I
Managing Director
Marath enterprises And Crusher Pvt Ltd
No-4, Kuwait Building
Guruvayoor Road
Koottanad Post
Palakkad Kerala – 679 533

Copy to

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

Signature Not Verified

Digitally signed by Dr. Rathan U
kelkar IAS
Member Secretary

Date: 10/7/2023 9:38:03 PM

ANNEXURE 3 - ENVIRONMENT MONITORING CELL

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

Sl. No.	Post	Name
1	Head of the monitoring cell	Mr. Arumughan K I
2	Head in charge (Environment)	Mr. Venu
3	Senior Environmental Officer	Mr. Suji
4	Environmental Officer	Mr. Vijesh
5	Name of the environmental officer in charge	Mr. Sujith
6	Name of the officer Environment, Health and safety	Mr. Santhosh
8	Name of the environment laboratory	ECO LABS Private Ltd.
9	Address of Environmental laboratory	Janatha Junction, Palarivattom, Kochi- 682 025

From

JOLLY. K.M
PEN: 586126
HEAD MISTRESS
L.V.A.L.P School, Amayur

To
The Managing Director,
Marath Enterprises, Amayur.
Koppam (PO)

ആയുർ L.V.A.L.P School-ൽ ജീവനുള്ള പദ്ധതി
നല്ല രീതിയിൽ നടത്തുന്നതിന് ഒരു Water purifier
കിട്ടിയാൽ നന്നായിരുന്നു. താഴെ CSR Fund-ൽ
ഉൾപ്പെടുത്തി അത് ഫിറ്റ് ചെയ്ത് അന്നുമെന്ന് അയയ്ക്കുക.

JOLLY. K.M
PEN: 586126SS
HEAD MISTRESS
L.V.A.L.P School, Amayur

ANNEXURE 5



കൊച്ചി ഗ്രാമപഞ്ചായത്തിൽ നിന്നും

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

നഗര തൃശ്ശൂർ പട്ടണവും അനുബന്ധിച്ച്

ഫാക്ടറികൾ, വ്യാപാരങ്ങൾ, സംരംഭങ്ങൾ, മറ്റു സംവരണങ്ങൾ എന്നിവയ്ക്കായി നൽകുന്ന

ലൈസൻസ്

നമ്പർ : 1017/9/2024-25

തീയതി : 19.03.2024

ലൈസൻസിന്റേ പേരും രജിസ്ട്രേഷനും	കെ.എ.ആർ.എസ്. ഓസൺഡ് ഡയറക്ടർ, ഓസൺ എൻ്റർപ്രൈസസ് ആൻഡ് ക്രൂഷേഴ്സ്(p) LTD, ആലുവ	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	MARATH ENTERPRISES & CRUSHERS (P)LIMITED, KOPPAM	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	VIII/ RSY NO 197/2,205/2,198/2,8,9,10 സര്ട്ടിഫിക്കറ്റ് ഉൾപ്പെട്ട 1.5298 ഹെക്ടർ സ്ഥലത്ത് 450hp കാല്പ്രസ്സ് ഉപയോഗിച്ച് കല്ലുകൾ കല്ലറ നടത്തുന്നതിന്	
കെട്ടിടത്തിന്റെ നമ്പരും വലിപ്പം നമ്പരും	VIII/ RSY NO 197/2,205/2,198/2,8,9,10	
ലൈസൻസ് കാലാവധി	01-04-2024 മുതൽ 31-03-2028 വരെ	
ഗുറുതാക്കിയ ലൈസൻസ് ഫീസ്	₹5000	സെൽ നം: 1230102780 തീയതി: 23-02-2024
തൊഴിൽക്കൂലി	₹1250 + ₹1250	സെൽ നം: 1230102780 തീയതി: 23-02-2024
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരവധി പേപ്പറുകളുടെ വിവരങ്ങൾ (നമ്പർ, തീയതി, കാലാവധി, നൽകിയ അധികാരസ്ഥാനം)	1)Ministry of commerce and industry -Petroleum & Explosives Safety Organisation E/SC/KL/22/1666 (E79896) 2) PCB CONSENT NO:KSPCB/PL/ICO/10046138/2023 VALID UPTO 10/06/2028 3)Ministry of Environment, Forest and Climate Change Environmental clearance no:165/Q/2023 4)Machinery Fee 4500/- per year total THIS LICENCE IS ISSUED AS PER THE INTERIM ORDER OF THE HON.HIGH COURT IN WPC NO:10690/2022(1) ON 30/05/2022 AND SUBJECT TO FURTHER ORDERS OF HON.HIGH COURT IN THIS CASE . QUARRYING PERMIT MUST BE OBTAINED FROM THE DIRECTOR OF MINING AND GEOLOGY	

സെക്രട്ടറി
കൊച്ചി ഗ്രാമപഞ്ചായത്ത്

Document certified by OMANA <OMANAKP123@GMAIL.COM>

Digitally signed by OMANA
Date: 2024.03.30 17:44:23 IST
Reason: ILGMS Govt. of Kerala

മലബാർ സിംഗിൾ അഡ്വക്കേറ്റ് വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു.

1. കേരള പഞ്ചായത്ത് റാങ്ക് നൂറും അതോളുൾപ്പെടെയുള്ള പട്ടണവും മെമ്പർമാരും അനുസരിച്ചു പ്രവർത്തിക്കേണ്ടതാകുന്നു.
2. തൊഴിൽസ്ഥലവും അതിലുള്ള സാധനസാമഗ്രികളും പഞ്ചായത്ത് അധികാരികൾക്കോ / സെക്രട്ടറി അധികാരിയ്ക്കോ മാത്രം ഉദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് മലബാർ സിംഗിൾ ബഞ്ച് സൗകര്യങ്ങൾ നൽകേണ്ടതും അതിന് ആവശ്യപ്പെട്ടാൽ ഈ മലബാർ സിംഗിൾ കോർട്ടിനെ അറിയിക്കേണ്ടതാകുന്നു.
3. ഏതു സ്ഥലത്തിന്റെ കാര്യത്തിൽ മലബാർ സിംഗിൾ നൽകിയിരിക്കുന്നുവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണത്തക്കവിധത്തിലുള്ള ഒരു ഭാഗത്ത് മലബാർ സിംഗിൾ നൽകിയ മലബാർ സിംഗിൾ നമ്പരം ഉദ്ദേശ്യവും കാണിക്കുന്ന ഒരു അടയാളപ്പേരും വെച്ചിരിക്കേണ്ടതാണ്.
4. പഞ്ചായത്തിൽനിന്നും അനവധി സമീപിച്ച ശേഷമല്ലാതെ തൊഴിൽസ്ഥലം മാറ്റാൻ പാടില്ലാത്തതും തൊഴിൽ നിർമ്മാണ പക്ഷം വീണ്ടും മുൻകൂട്ടി പഞ്ചായത്തിൽ അറിയിക്കേണ്ടതാകുന്നു.
5. തൊഴിൽസ്ഥലവും പരിസരങ്ങളും വൃത്തിയാക്കും സാമൂഹികശാലാണകൾ ഉണ്ടാക്കുന്നവിധത്തിലും പൊതുജനോപദ്രവകാക്കുന്ന വിധത്തിലും വ്യാപാരത്തിന് വെച്ചിട്ടുള്ള കടന്നുപാർക്കങ്ങൾ ഈച്ച, തടവുകൾ, പൊതി മുതലായവയുടെ ശല്യം ഉണ്ടാകാത്ത വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ്.
6. എന്തൊരു പ്രവൃത്തിവിവരത്തിന്റെയും മറ്റാരുടെ സ്ഥലം വൃത്തിയാക്കേണ്ടതാണ്.
7. ആ സ്ഥലത്തിന്റെയോ പരിസരത്തിന്റെയോ എന്തെങ്കിലും ഭാഗത്ത് വീട്ടുകാരോ നിക്ഷേപിക്കപ്പെട്ടതോ ചെയ്യുന്ന ചെലവുകൾ ഉപജാപനം ഉപജാപനം അനുവദിക്കുന്നതോ മറ്റു പരാർത്ഥകൾ ശോധിച്ച് സെക്രട്ടറിക്ക് തൃപ്തികരമായ രീതിയിൽ തീക്കും ചെയ്യേണ്ടതാണ്.
8. മലബാർ സിംഗിൾ എന്തൊരു കെട്ടിടത്തിന്റെയും പൂർവ്വകൂടാ അകമ്പടത്തിന്റെ എന്തൊരു ഭാഗവും മേൽപ്പറഞ്ഞ പരിസരത്തിലുള്ള തറയും നടപ്പാതയും അവിടെ നെരിപ്പാതിരുന്നിട്ടുള്ള എന്തെങ്കിലും വാഹനങ്ങൾ, മാലിന്യങ്ങൾ ചെലവുകൾ അനുസരിച്ചും ഉപദ്രവകരമായ എന്തെങ്കിലും പരാർത്ഥകൾ അവിടെ ചെയ്താൽ അതെത്തക്കവിധം എപ്പോഴും നന്നായി കൈമാറ്റം തീർത്തു നിയന്ത്രിക്കേണ്ടതാണ്.
9. മലബാർ സിംഗിൾ മേൽപ്പറഞ്ഞ സ്ഥലത്തോ, പരിസരത്തോ അതോടുകൂടുന്ന എന്തൊരു കാര്യവും അതോടുകൂടുന്ന എന്തൊരു ഉപകരണവും എപ്പോഴും നന്നായി കൈമാറ്റം തീർത്തു വെച്ചിരിക്കേണ്ടതാണ്.
10. അവിടത്തോ അവിടത്തെ കടകളുടെ മലബാർ സിംഗിൾ ന്റ് ചെയ്യുന്നതാണ്.
11. എന്തെങ്കിലും നവീകരണ കൃത്യം മോശമായ കൃത്യമായതോ, വൃത്തിയാക്കേണ്ടതോ പരിശോധിക്കേണ്ടതോ ഉള്ള യാഥാർത്ഥ്യം കൃത്യമായ നവീകരണത്തിന് ഉപജാപിക്കുന്ന സ്ഥലത്തും പരിസരത്തും പ്രവർത്തിക്കുവാൻ പാടില്ലാത്തതാകുന്നു.
12. നിശ്ചയിത പ്ലാസ്റ്റിക് ഇനങ്ങൾ ഉൽപ്പാദിപ്പിക്കുകയോ ശേഖരിക്കുകയോ വിൽക്കുകയോ മറ്റേതെങ്കിലും ചെയ്യുകയോ പാടില്ല.
13. സ്ഥലത്തിന്റെ അതിർത്തി സ്ഥലത്തോ മേയ്ക്കുമ്പോളും ഇംഗ്ലീഷിലും മലയാളത്തിലും വെച്ചിട്ടുള്ളതാണ്.
14. 20 സീറ്റിൽ കൂടുതലുള്ള എല്ലാ ഫോട്ടോകൾക്കും മെമ്പർമാർക്കും മേയ്ക്കുമ്പോൾ സൗകര്യം ഏർപ്പെടുത്തേണ്ടതാണ്.
15. നിശ്ചയിത ഉൽപ്പന്നങ്ങളായ പാൽ, ഗുരു, തുടങ്ങിയവ സംഭരിച്ച വെക്കുന്നതോ വിൽക്കുന്നതോ പാടില്ല.
16. ബാലന്റർ അനുവദിക്കുവാൻ പാടില്ല.
17. മുകളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളുടെ ലംഘനം ഈ മലബാർ സിംഗിൾ ചെയ്യുന്നതിന് കാരണമാകുന്നതാണ്.
18. പൊതുജനസമുദായത്തിന്റെ 13-06-2020ലെ സ.ഉ.(സാധാ) 1877/2020/പൊ.ജ.വ. ഉത്തരവ് പ്രകാരമുള്ള കോവിഡ് പ്രൊട്ടോക്കോൾ പാലിക്കണം.
19. തദ്ദേശ സ്വയം ഭരണ വകുപ്പിന്റെ 22-07-2017ലെ സ.ഉ.(സാധാ) 2511/2017/ത.സ.ജ.വ. പ്രകാരമുള്ള ഉറവിട മാലിന്യ സംസ്കരണ സംവിധാനം സ്ഥാപിക്കണം.
20. മറ്റ് വകുപ്പുകളിൽ നിന്നും അനുവദിച്ചിട്ടുള്ള പെർമിറ്റുകൾ, മലബാർ സിംഗിൾ, മറ്റ് ക്ലിയാൻസുകൾ എന്നിവ നാളെ സമയങ്ങളിൽ പുതുക്കേണ്ടതാകുന്നു. അല്ലാത്ത പക്ഷം പഞ്ചായത്ത് അനുവദിച്ചിട്ടുള്ള മലബാർ സിംഗിൾ സമയം നഷ്ടമാകുന്നതാണ്.

(ഒപ്പ്)
സെക്രട്ടറി
കൊച്ചി ഗ്രാമപഞ്ചായത്ത്

NB. ഈ മലബാർ സിംഗിൾ വെച്ചിട്ടുള്ളതായി നോക്കി പ്രത്യേകമായ ഒപ്പ് സിംഗിൾ ആവശ്യമില്ല. ഈ മലബാർ സിംഗിൾ അനുവദിക്കുന്ന രീതിയിൽ കൂടുതൽ വിവരങ്ങൾ മലബാർ സിംഗിൾ പട്ടണത്തിൽ അപേക്ഷ സമർപ്പിക്കേണ്ടതാണ്.

**KERALA STATE POLLUTION CONTROL BOARD**

FILE NO. : KSPCB/PL/ICO/10046138/2023

Date of issue : 22-11-2023

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : KSPCB/PL/ICO/10046138/2023

Valid upto : 10/06/2028

The Integrated Consent to Operate issued as per reference above is hereby modified & issued to **M/s MARATH ENTERPRISES AND CRUSHERS PVT LTD (QUARRY), AMAYUR POST, KOPPAM.**

The consent(s)/ variation order(s) cited under reference are integral part of this consent variation order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

1.	VALIDITY	10/06/2028
2.	Last date of Submission of Renewal Application without fine	ON OR BEFORE 10/04/2028
3.	Name and Address of the establishment	MARATH ENTERPRISES AND CRUSHERS PVT LTD(QUARRY) AMAYUR POST, KOPPAM
4.	Occupier Details	Sri/Smt. ARUMUGHAN K I, Kuttungal house, Pallikkara South, Nannamukku, Malappuram, 679575
5.	Category	RED
6.	Capital Investment	Rs 75.0 in Lakhs
7.	Annual fee	Rs 22000/-
8.	Fee remitted	Rs 115500/-

9.	Products / Activity	Granite Building Stone Quarrying in Survey numbers 197/2(P), 198/8(P), 198/9(P), 198/2(P), 198/10(P) and 205/2(P) in Koppam village for an area of 1.5298 Hectares. Extraction shall be as per the Extraction Permit granted by The Mining and Geology Department.
10.	Reference	Consent No. : PCB/PLKD/ICO/R2/13197715/2022 dated 26/07/2022 with validity up to 10/06/2023.

2. CONDITIONS AS PER

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

2.1 Domestic effluent generated shall be treated in septic tank as per IS 2470 (Part I): 1985 and discharged through soak pit with concreted bottom, honey comb brick work or perforated ring side wall, 75cm thick 2mm sand envelope outside it.

2.2 Water Consumption: 6.5 kL/D

2.3 Effluent Generation: 6.5 kL/D

3. CONDITIONS AS PER

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

3.1 Adequate air pollution control measures shall be provided in the quarrying area for the suppression of dust generated during blasting and vehicle movement.

4. CONDITIONS AS PER

The Environment (Protection) Act, 1986

4.1 Plastic Waste Management Rules, 2016 and amendments shall be followed for the management of plastic waste. Single use plastic ban as per notifications and orders for Kerala shall be strictly be followed.

4.2 Waste batteries shall be disposed of as per the Battery Waste Management Rules, 2022.

4.3 E-wastes shall be disposed of as per the provisions of E-waste management Rules, 2016 and amendments.

4.4 The provisions of the Noise Pollution (Regulation and Control) Rules, 2000 shall be followed with.

4.5 Hazardous waste generated if any, shall be disposed of in compliance with the provisions of the Hazardous and other Wastes (Management and Trans boundary Movement) Rules, 2016.

5. SPECIFIC CONDITIONS

5.1. This consent is granted based on the Environmental Clearance NO. 165/Q/2023 for an area of 1.5298 Ha at survey numbers 197/2(P), 198/8(P), 198/9(P), 198/2(P), 198/10(P) and 205/2(P) in Koppam village, Pattambi Taluk, Palakkad, Kerala The quarrying shall be done after obtaining

all statutory/necessary clearances from concerned authorities and is valid only when all other clearances from other concerned authorities are valid.

5.2 For renewal of the consent in case of continuance of discharge/operation of the industry, application in the prescribed form shall be submitted through the web portal of the Board for ONLINE CONSENT/AUTHORIZATION MANAGEMENT, MONITORING & ENFORCEMENT SYSTEM (keralapcbonline.com) 2 months prior to the date of expiry. Late application will be accepted only with a fine.

5.3 The consent issued from the board is only with respect to the powers vested under the water Act 1974, Air Act 1981 and The Rules there under. The operation of the quarry shall be commenced only after obtaining clearances from all concerned Authorities.

5.4 There shall not be any quarrying activity between 6 pm to 6 am.

5.5 Mining activities shall be done only in the area marked by Mining & Geology.

5.6 Quarrying area shall be as shown in the drawing approved and attached.

5.7 There shall be a minimum distance of 50 m from boundary of quarry operating area to residential building, place of worship, public buildings, public road having vehicular traffic, river or lake, railway line, bridges etc.

5.8 The PM_{10} in ambient air at the boundary shall not exceed 100 microgram/ m^3 .

5.9 The $PM_{2.5}$ in ambient air at the boundary shall not exceed 60 microgram/ m^3 .

5.10 The sound level (Leq) at 1 m outside the boundary of the site should not exceed the ambient noise Standard applicable to the adjoining areas.

5.11 Conditions given in the Environmental clearance shall be strictly complied with.

5.12 Mining shall be only done as per the mining plan attached with EC.

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

5.14 Products shall be transported with proper cover and/or after wetting to prevent spreading of dust.

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

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

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

SIGNATURE OF ISSUING AUTHORITY

ENVIRONMENTAL ENGINEER

To

M/s MARATH ENTERPRISES AND CRUSHERS PVT LTD(QUARRY)

AMAYUR POST, KOPPAM

E-Mail : vahidkpt33@gmail.com

Contact Number :9544619436,

- 1.This digitally signed document is legally valid as per the Information Technology Act 2000
2. For verifying this document please go to www.keralapcbonline.com 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 Phoenix website.

Approved site plan

നിമിഷ 91.11.2023

K.L.09661 907242/2023.

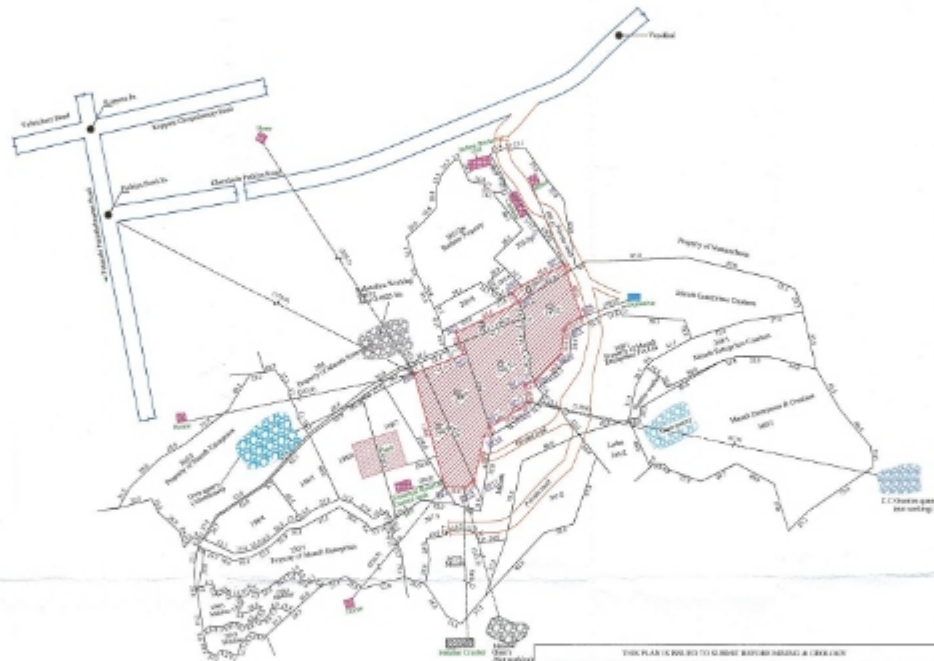
Tk PDA/823/2023-23

FILE NO: 191/23

DISTRICT : PALAKKAD
TALUK : PATTAMBI
VILLAGE : KOPPAM

SURVEY MAP OF THE PROPOSED QUARRY OF M/S MARATH ENTERPRISES Pvt Ltd

FIELD NO : 197,198,205
BLOCK NO : 24
DESAM : AMAYUR
SURVEY NO : 197/2pt, 198/3pt, 198/9pt
198/10pt, 198/2pt.



BOUNDARY CO-ORDINATES	
S.NO	LATITUDE LONGITUDE
B01	10°59'38.02"N 76°12'23.10"E
B02	10°59'41.57"N 76°12'18.76"E
B03	10°59'43.54"N 76°12'18.75"E
B04	10°59'43.67"N 76°12'20.45"E
B05	10°59'44.15"N 76°12'22.35"E
B06	10°59'44.66"N 76°12'22.14"E
B07	10°59'45.18"N 76°12'23.52"E
B08	10°59'45.66"N 76°12'24.54"E
B09	10°59'45.29"N 76°12'23.89"E
B10	10°59'45.10"N 76°12'23.79"E
B11	10°59'45.10"N 76°12'23.02"E
B12	10°59'45.57"N 76°12'22.71"E
B13	10°59'45.05"N 76°12'22.80"E
B14	10°59'45.02"N 76°12'22.62"E
B15	10°59'45.22"N 76°12'22.47"E
B16	10°59'45.07"N 76°12'22.21"E
B17	10°59'38.02"N 76°12'23.10"E
B18	10°59'38.31"N 76°12'23.79"E

APPLICANT:

K. LAKSHMI DEVI
Managing Director
MARATH ENTERPRISES
Pvt. Ltd.
828-0 KOPPAM,
AMAYUR,
PALAKKAD
KERALA PIN
670001

LEGEND

	PROPOSED MINING AREA FOR LEASE
	FIELD RE SURVEY LINE
	PROPERTY BOUNDARY LINE
	PRIVATE ROAD
	P.W.D. ROAD
	BOUNDARY PILLAR
	HOUSE/BUILDING
	PLANT
	EXPLOSIVE
SCALE	1 CM = 25 M

THIS PLAN IS SUBMITTED TO GOVERNMENT RECORDS DEPARTMENT & LAND OFFICE									
PROPERTY DETAIL									
S.NO	DOCD NO	TP. NO	BLOCK	SECTION NO	AREA (Sq. Ft.)	AREA (Sq. Mts.)	VALUE OF LAND	REMARKS	DATE OF ENTRY
1	2023011	197	24	1972	1,4148 Sq.	0.3262 Ha.	1,4148 Sq.	1,4148 Sq.	1,4148 Sq.
				1973	8,4298 Sq.	0.1940 Ha.	8,4298 Sq.	8,4298 Sq.	8,4298 Sq.
2	2023104	198	24	1987	8,4298 Sq.	0.1940 Ha.	8,4298 Sq.	8,4298 Sq.	8,4298 Sq.
				1988	8,4298 Sq.	0.1940 Ha.	8,4298 Sq.	8,4298 Sq.	8,4298 Sq.
3	2023011	199	24	1992	8,4298 Sq.	0.1940 Ha.	8,4298 Sq.	8,4298 Sq.	8,4298 Sq.
				1993	8,4298 Sq.	0.1940 Ha.	8,4298 Sq.	8,4298 Sq.	8,4298 Sq.
Total area in possession					3,5411 Ha.	1,2788 Ha.			



15/07/2023
TANGILAKAR
PATTAMBI



Verified
15/07/2023
TANGILAKAR
PATTAMBI



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: dycccecochin@explosives.gov.in

संख्या (No.): E/SC/KL/22/1666(E79896)

दिनांक (Date): 27/01/2025

सेवा में | To,

Sh.K.I. Arumugham Managing Director,
M/s Marath Enterprises & Crushers Pvt. Ltd, Building No.4, Kuwait Building, Kootanadu Post, Town/Village - Kootanadu Post
District-PALAKKAD, State-Kerala, Pincode - 679533

विषय : Survey No.R.Sy.No.197/2, Block No.24., ग्राम Koppam (v), Ottapalam Tk, जिला PALAKKAD, 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/22/1666(E79896) के नवीनीकरण संदर्भ में।

Subject: Possession for Use of of Explosives from magazine situated at Survey No.:R.Sy.No.197/2, Block No.24., Koppam (v), Ottapalam Tk, Dist. PALAKKAD, Kerala -Licence No.: E/SC/KL/22/1666(E79896) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या 139202 दिनांक 13/01/2025 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक 31/3/2030 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।

Reference to your letter No.: 139202 dated: 13/01/2025, the subject licence duly renewed upto 31/3/2030 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

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

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

- प्ररूप आरई-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन।
Application in Form RE-1 duly filled in and signed.
- एक से 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 त्रैमासीक विवरणी हर तिमाही के अंत में आरई-7 में प्रस्तुत की जाए। विवरणी इस कार्यालय के कार्यालय में आगामी तिमाही के 10 तारीख से पहले पहुंच जानी चाहिए (आतिशबाजी गोदाम के लिए लागू नहीं)। Please submit quarterly returns of explosives in RE-7 at the end of every quarter so as to reach this office by 10th of the succeeding quarter.(Not applicable for fireworks store house)
- सभी ब्लास्टिंग ऑपरेशन एक सक्षम द्वारा की जाएगी जो उपरोक्त नियमों के तहत एक वैध शॉट फायर प्रमाणपत्र धारक हो। हालांकि, खान अधिनियम 1952 के अधीन आने वाले खानों में ब्लास्टिंग ऑपरेशन करने वाले ब्लास्टर की योग्यता उसी अधिनियम से निर्धारित हो।
All blasting operations shall be carried out by a competent person holding a valid shot firer's permit granted under above rules. However, blasting operations in mines coming under the purview of the Mines Act 1952, the blaster shall have qualifications prescribed in the regulations framed under the said Act.

भवदीय | Your's faithfully

(रंजीत पी.ए. | Renjith P A)

उप विस्फोटक नियंत्रक | Dy. Controller of Explosives

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

कोच्ची | Ernakulam

प्रतिलिपि प्रेषित | Copy Forwarded to:

- जिला मजिस्ट्रेट (District Magistrate), PALAKKAD (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.

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

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

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

अनुज्ञप्ति सं. (Licence No.) : E/SC/KL/22/1666(E79896)

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

1. Licence is hereby granted to

Sh.K.I. Arumughan Managing Director (अधिभोगी / Occupier : K.I.Arumughan), M/s Marath Enterprises & Crushers Pvt. Ltd,
Building No.4, Kuwait Building, Koottanadu Post., Town/Village - Koottanad Post, District-PALAKKAD, State-Kerala, Pincode - 679533



को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : Company

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमाम्य है। : possess for use of Nitrate Mixture, Detonators, Safety Fuse, - के
Licence is valid only for the following purpose. : उपयोग के लिए

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

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

क्र Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में Quantity at any one time
1.	Nitrate Mixture	2 ,0	0	150 Kg.
2.	Detonators	6 ,3	0	3000 Nos.
3.	Safety Fuse	6 ,1	0	550 Mtrs

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

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

25 times
as above.

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

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

रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1666(E79896)
दिनांक (Dated) 08/03/2014

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

Survey No. R.Sy.No.197/2, Block No.24. , ग्राम (Town/Village) : Koonam (v), Ottapalam Tk

जिला (District) PALAKKAD राज्य (State) Kerala पिनकोड (Pincode) 679533
दूरभाष (Phone) ई. मेल (E-Mail) पुलिस थाना (Police Station) : Pattambi फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

The licensed premises consist of following facilities.

Three portable magazines of D(649), D(843) and E(914) fabricated by M/s. Thekkens Engineering

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

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

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

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

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

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

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

9. यह अनुज्ञप्ति तारीख 31 मार्च 2016 तक विधिमाम्य रहेगी। This licence shall remain valid till 31st day of March 2016.

यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञप्ति की शर्तों का अधिकमण करने या यदि अनुज्ञप्ति परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंभत 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.

Sd/-

तारीख | The Date - 08/03/2014

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

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 27/03/2018
- Change in Authorized Signatory/Occupier/Partners/Directors dated : 29/05/2023
- Change in Postal Address dated : 29/05/2023
- Amendment in Drawings/Facilities/Premises dated : 29/05/2023
- Amendment in Drawings/Facilities/Premises dated : 07/11/2023

Transfers :

- Change in Licensee Name/Address/Status dated : 29/05/2023

नवीनीकरण के पृष्ठांकन के लिए स्थान
Space for Endorsement of Renewal

नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature of licensing authority and stamp
27/01/2025	31/03/2030	Dy. Chief Controller of Explosives, Ernakulam

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

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

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/22/1666(E79896) की शर्तें निम्नलिखित हैं।

The following are the conditions of licence number E/SC/KL/22/1666(E79896) 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 हैं, 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 पत्ती और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेरक पत्ती, जिनमें कोई खुला लोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थापन 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 ग्लिसरीन 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 बेंचें, शेल्फों और उसकी फिटिंग का इस प्रकार सन्निर्माण किया जाएगा या उन्हें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोका जा सके। भीतरी भाग में लगी बेंचें, शेल्फें और फिटिंग यथासाध्य ग्रिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सम्यक सावधानी बरती जाएगी कि वहां कोई जल मौजूद न रहे : परंतु किसी लोहे या इस्पात के खुले होने के विरुद्ध सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बाध्यकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से भिन्न कोई विस्फोटक रखा गया है।
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 पश्चात्कर्त 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 जेब रहित कार्यकरण वस्तु, उपयुक्त जूतों के प्रयोग द्वारा तथा तलामी लेकर या अन्यथा अथवा ऐसे किन्हीं साधनों द्वारा इस बाबत सम्यक उपबंध किया जाएगा कि फैक्ट्री परिसर में अग्नि, दियासलाई अथवा ऐसी कोई वस्तुएं या पदार्थ, जिससे विस्फोट हो सकता है या आग लग सकती हो, किन्तु इस शर्त के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम बत्ती का प्रवेश वर्जित नहीं है जिससे आग लगने या विस्फोट होने का खतरा न हो :
परंतु इस शर्त का वह भाग, जो लोहे या इस्पात के अपवर्जन को लागू होता है, ऐसे किसी भवन के संबंध में बाध्य कर नहीं होगा जिससे भिन्न कोई विस्फोटक नहीं रखा गया है।
Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching or otherwise or by such means, for preventing the introduction into danger area of the factory premises of fire, Lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or explosion:
Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.

11. अनुज्ञापिधारी प्ररूप आर.ई.-3 और आर.ई.-4 या आर.ई.-5, जैसी स्थिति हो, में सभी विस्फोटकों का अभिलेख और लेखा रखेगा और विस्फोटक नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर 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 अनुज्ञापिधारी ऐसी किसी शर्त का अनुपालन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्दिष्ट करे।
No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.
13. मैगजीन सभी समयों पर अच्छी मरम्मत की स्थिति में बनाई रखी जाएगी (या अच्छी हालत में बनाई रखी जाएगी)। यदि किसी कारणवश किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुज्ञापिधारी इस बात की सूचना अनुज्ञापन प्राधिकारी को तुरंत देगा।
Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason whatsoever.
मैगजीन का अनुज्ञापिधारी इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा।
The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.
14. यदि सुरक्षा दूरी का कोई अधिकरण 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 पथासंभव न्यूनतम होगा और किसी भी दशा में 10 ओह्म से अधिक नहीं होगा।
The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.
17. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुल्क घास या झाड़ी या ज्वलनशील सामग्री नहीं रहने दी जाएगी।
A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.
18. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी।
Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.
19. किसी मैगजीन / भंडारगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा।
Not more than 4 persons shall be allowed inside the magazine or store house at any one time.
20. विस्फोटकों के खाली पैकेजों को शीघ्रतयाग्राह्य वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा।
Empty packages of the explosives shall be removed at the earliest and destroyed.
21. अनुज्ञापिधारी और कर्मचारियों को परिसर के भीतर आपातकाल के दौरान की जाने वाली प्रक्रियाओं से अवगत होना चाहिए।
The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.
22. निरीक्षण या नमूना अधिकारी को सभी व्यक्तिगत 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 अनुज्ञापिधारी को अनुज्ञापन परिसरों या मशीनरी, टूल या उपकरण में ऐसी कोई मरम्मत या परिवर्तन या परिवर्तन करने या सिफारिशों को लागू करने को लिखित रूप में सूचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञापिधारी को 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. अनुज्ञापिधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञापन फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पत्तीते 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 $\log_{10}(N)$ डी.बी. (सी) पी.के. प्रतिबंधित होंगे;
The possession and sale of fire-crackers generating noise level exceeding;
a) 125 dB(AI) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;
b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 $\log_{10}(N)$ dB, where N = number of crackers joined together.
26. आग या विस्फोट द्वारा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत पास के पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी।
Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

अतिरिक्त शर्तें / Additional Conditions :

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

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

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

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

Safety distances required to be kept clear around magazine for high explosives or fire works or factory licence number E/SC/KL/22/1666(E79896) in form LE-3 granted to Sh.K.I. Arumughan Managing Director, M/s Marath Enterprises & Crushers Pvt. Ltd, Building No.4, Kuwait Building, Koottanadu Post., Kerala-679533 .

Type of Structure(s)		Safety distances meters	
Inside Safety Distances(ISD)		M	UM
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 : 08/03/2014

For Joint Chief Controller of Explosives
South Circle, Chennai

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 27/03/2018
- Change in Authorized Signatory/Occupier/Partners/Directors dated : 29/05/2023
- Change in Postal Address dated : 29/05/2023
- Amendment in Drawings/Facilities/Premises dated : 29/05/2023
- Amendment in Drawings/Facilities/Premises dated : 07/11/2023

Transfers :

- Change in Licensee Name/Address/Status dated : 29/05/2023

**Note :- This is system generated document does not require physical signature.
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Approved 'A' grade Lab by Kerala State Pollution Control Board
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Recognised Lab by Ministry of Environment, Forests & Climate Change (Govt. of India) as per E (P) Act 1986

TEST REPORT

Page 1 of 2

ULR – TC711425000018094F

Report No. : EEL/LR/25/0018094/825
Issue Date : June 03, 2025

Issued To:

M/s. Marath Enterprises and Crusher (P) Ltd.
(Represented by Shri. K.I Arumughan, Managing Director)
8/280-D, Koppam, Amayur Post,
Palakkad -679303.

Customer ref: - Verbal

Project: -Extraction of granite building stone from an area of 1.5298 hectares in Block No.24, Re-Survey Nos.197/2, 198/8, 198/9, 198/10, 198/2-1, 205/2 of Koppam Village, Pattambi Taluk, Palakkad Dist., Kerala.

Sample receipt form Ref. No. : SRF/W/05/825 dt. 28.05.2025

Sampling done by: Customer

Sample Particulars: Water sample

Sample receiving date: May 28, 2025	Lab identification code: W/05/825
Analysis starting date : May 28, 2025	Analysis completion date: June 02, 2025
Quantity of sample received: 1L x 1	Description of sample by the customer: Water sample (Well water)
Packaging details : Pet bottle	
Physical appearance of the sample: Clear liquid	
Tests required: For the parameters listed below, as per Drinking water specification IS 10500:2012	
SAMPLE TESTED AS RECEIVED	

I. Chemical testing: Water, Residues in water

Sl. No.	Parameters	Unit	Method	Result	Requirement (Acceptable limit)
1.	pH at 25°C	---	IS 3025 (Pt 11):2022	7.1	6.5-8.5
2.	Odour	---	IS 3025 (Pt 5): 2018	Agreeable	Agreeable
3.	Colour	Hazen Units,max	IS 3025 (Pt 4):2021	3.0	5.0
4.	Turbidity	NTU,max	IS 3025 (Pt 10):1984	0.50	1.0
5.	Total Dissolved Solids	mg/l,max	IS 3025(Pt 16):2023	58	500
6.	Total Hardness as CaCO ₃	mg/l,max	IS 3025 (Pt 21):2009	24.96	200
7.	Chloride as Cl	mg/l,max	IS 3025(Pt 32):1988	17.36	250
8.	Sulphate as SO ₄	mg/l,max	IS 3025(Pt 24):2022	1.30	200
9.	Alkalinity as CaCO ₃	mg/l,max	IS 3025(Pt 23):1986	20.60	200
10.	Iron as Fe	mg/l,max	IS 3025 (Pt 53):2003	0.04	1.0
11.	Calcium as Ca	mg/l,max	IS 3025(Pt 40):1991	7.70	75
12.	Magnesium as Mg	mg/l,max	IS 3025(Pt 46):1994	1.40	30
13.	Free Residual Chlorine	mg/l,min	IS 3025 (Pt 26):2021	BDL(MDL-0.1)	0.2
14.	Fluoride as F	mg/l,max	IS 3025(Pt 60):2008	BDL(MDL-0.2)	1.0
15.	Manganese as Mn	mg/l,max	IS 3025 (Pt 2) : 2019	BDL(MDL-0.01)	0.1
16.	Zinc as Zn	mg/l,max	IS 3025 (Pt 2) : 2019	BDL(MDL-0.01)	5.0
17.	Cadmium as Cd	mg/l,max	IS 3025 (Pt 2) : 2019	BDL(MDL-0.001)	0.003
18.	Lead as Pb	mg/l,max	IS 3025 (Pt 2) : 2019	BDL(MDL-0.005)	0.01

Note:- BDL: Below Detection Limit

MDL: Minimum Detection Limit

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ULR - TC711425000018094F

Report No. : EEL/LR/25/0018094/825

II. Biological testing: Water

Sl. No.	Parameters	Method	Result	Requirement
1.	Total coliform bacteria/100ml	IS 15185 :2016	Absent	Shall not be detectable in any 100ml sample
2.	E.coli or thermotolerant coliform bacteria/100ml	IS 15185 :2016	Absent	Shall not be detectable in any 100ml sample

....End of Report.....


Susan Abraham
Technical Manager
Authorised Signatory
Envirodesigns Eco Labs


Jesty M. T.
Dy.Tech. Manager-Microbiology
Authorised Signatory
Envirodesigns Eco Labs



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ENVIRODESIGNS
ECO LABS
(Food Quality / Water / Environmental Testing Lab)



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TEST REPORT

Page 1 of 1

Report No. : EEL/LR/25/0018095/826
Issue Date : June 03, 2025

Issued To:
M/s. Marath Enterprises and Crusher (P) Ltd.
(Represented by Shri. K.I Arumughan, Managing Director)
8/280-D, Koppam, Amayur Post,
Palakkad -679303.

Customer ref: - Verbal

Project: -Extraction of granite building stone from an area of 1.5298 hectares in Block No.24, Re-Survey Nos.197/2, 198/8,198/9,198/10,198/2-1,205/2 of Koppam Village, Pattambi Taluk, Palakkad Dist., Kerala.

Sample receipt form Ref. No. : SRF/SO/05/826 dt. 28.05.2025

Sampling done by: Customer

Sample Particulars: Soil sample

Sample receiving date: May 28, 2025	Lab identification code: SO/05/826
Analysis starting date: May 28, 2025	Analysis completion date: June 02, 2025
Quantity of sample received: 2kg	Description of sample by the customer: Soil sample
Packaging details: Plastic cover	(Location: West Side)
GPS coordinates : 10° 50'43 " N 76°12' 20" E	
Tests required: For the parameters listed below;	

SAMPLE TESTED AS RECEIVED

Sl. No.	Parameters	Unit	Method	Result
1.	Soil Type	--	SOP No. EEL/WP/SO/08	Sandy clay loam
2.	Colour	--	SOP No. EEL/WP/SO/08	Brownish red
3.	Moisture Content	%	IS 2720(Pt 2):1973	7.02
4.	Water Holding Capacity	%	Indian Bureau of Mines Analysis of Soil: 2012	65.14
5.	Conductivity	µS/cm	IS 14767:2000	182
6.	pH	--	IS 10158:1982	7.0
7.	Organic Carbon	%	IS 2720(Pt 22):1972	0.32
8.	Total Nitrogen	%	IS 14684:1999	0.19
9.	Phosphorus	mg/kg	SOP No. EEL/WP/SO/10	179.04
10.	Potassium	mg/kg	SOP No. EEL/WP/SO/10	222.18

.....End of Report.....

Susan Abraham
Technical Manager
Authorised Signatory
Envirodesigns Eco Labs



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TEST REPORT

Page 1 of 2

Report No. : EEL/LR/25/0018096/827
Issue Date : June 03, 2025

Issued To:
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Sample receipt form Ref. No. : SRF/A/05/827 dt. 29.05.2025

Sampling done by: Lab field technicians

Sample Particulars: Ambient Air sample

Date of monitoring : May 28, 2025 to May 29, 2025
Location of monitoring : Ambient Air Monitoring at various locations
Location of sampler : 3.2 m above ground level
Sampling method : Monitoring Protocol No. EEL/ENV/MP/01
Sample receiving date : May 29, 2025
Analysis starting date : May 30, 2025
Lab identification code: A/05/827
Analysis completion date : May 31, 2025
Tests required: For the parameters listed below, as per CPCB guidelines

SAMPLE TESTED AS RECEIVED

Sl. No.	Parameters	Unit	Method	Result				Limit (max)*
				A ₁	A ₂	A ₃	A ₄	
1.	Particulate matter (Size less than 10µm) or PM ₁₀	µg/m ³	IS 5182(Pt 23):2006	69.42	58.39	60.50	62.44	100
2.	Particulate matter (Size less than 2.5µm) or PM _{2.5}	µg/m ³	CPCB guidelines 2011	27.20	19.05	23.67	24.21	60
3.	Sulphur dioxide	µg/m ³	IS: 5182 (Pt 2):2001	8.66	7.35	10.59	11.25	80
4.	Nitrogen dioxide	µg/m ³	IS: 5182 (Pt 6): 2006	15.31	13.38	14.08	16.39	80
5.	Carbon Monoxide,(8hrs)	mg/m ³	IS: 5182 (Pt 10): 1999	0.60	0.70	0.80	0.70	2.0

Note:- * Limit applicable for 24 hour Ambient Air Quality monitoring for Industrial, Residential, Rural and other Areas as per National Ambient Air Quality Standards 2009.

A₁- (North) GPS coordinates : 10°50' 45" N 76°12' 23" E
A₂- (East) GPS coordinates : 10°50' 40" N 76°12' 22" E
A₃- (South) GPS coordinates : 10°50' 38" N 76°12' 20" E
A₄- (West) GPS coordinates : 10°50' 43" N 76°12' 20" E



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Page 2 of 2

Report No. : EEL/LR/25/0018096/827

Weather and Meteorological Data

Weather condition: Clear sky

Meteorological Parameters	Max	Min
Temperature ($^{\circ}\text{C}$)	30	25
Humidity (%)	84	59

Instruments used for Monitoring

- 1) Fine Particulate Sampler (FPS), Make: Envirotech Instruments Pvt. Ltd., Model : APM 550, ID. No. EEL/FPS/02, EEL/FPS/03, EEL/FPS/04, EEL/FPS/05
- 2) Respirable Dust Sampler (RDS), Make: Envirotech Instruments Pvt. Ltd., ID. No. : EEL/RDS/02, EEL/RDS/03, EEL/RDS/04, EEL/RDS/05
- 3) NDIR Portable CO Gas Analyser, Make : ECO TECH Model : SERINUS 30, ID No.: EEL/COA/03
- 4) CO ANALYZER, Make: Endee Engineers, Model :IR-50, ID NO.:EEL/COA/02

....End of Report....


Susan Abraham
Technical Manager
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Envirodesigns Eco Labs



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NOISE LEVEL MONITORING REPORT

Page 1 of 2

Report No. : EEL/LR/25/0018097/828
Issue Date : June 03, 2025

Issued To:
M/s. Marath Enterprises and Crusher (P) Ltd.
(Represented by Shri. K.I Arumughan, Managing Director)
8/280-D, Koppam, Amayur Post,
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Customer ref: - Verbal

Project: -Extraction of granite building stone from an area of 1.5298 hectares in Block No.24 Re-Survey Nos.197/2, 198/8,198/9,198/10,198/2-1,205/2 of Koppam Village, Pattambi Taluk, Palakkad Dist., Kerala.

Sample receipt form Ref. No. : SRF/N/05/828 dt. 29.05.2025

Monitoring done by: Lab field technicians

Sample Particulars: Noise Level Monitoring

Date of monitoring : May 28, 2025 to May 29, 2025
Source of monitoring : Ambient Noise Level monitoring
Sampling method : Monitoring Protocol No. EEL/ENV/MP/01
Lab identification code : N/05/828
Method Used : IS 9989:1981

Presentation of Results

Sl. No.	Time of Monitoring(Hrs)	Value Reported in dB (A) L_{eq}			
		N_1	N_2	N_3	N_4
1.	10.00 – 11.00	50.2	54.1	53.1	52.8
2.	11.00 – 12.00	53.7	52.7	51.7	51.9
3.	12.00 – 13.00	52.2	51.2	52.9	50.7
4.	13.00 – 14.00	54.2	50.4	50.6	54.1
5.	14.00 – 15.00	51.9	51.9	54.3	53.7
6.	15.00 – 16.00	53.7	53.6	53.7	52.7
7.	16.00 – 17.00	52.6	52.4	52.5	50.8
8.	17.00 – 18.00	51.9	50.5	51.9	53.7
9.	18.00 – 19.00	50.2	49.3	50.4	45.2
10.	19.00 – 20.00	48.7	47.7	50.9	49.3
11.	20.00 – 21.00	46.8	45.2	48.6	46.8
12.	21.00 – 22.00	43.9	44.3	43.9	44.1
13.	22.00 – 23.00	42.8	42.5	43.1	42.9
14.	23.00 – 00.00	40.4	41.8	42.8	41.5
15.	00.00 – 01.00	41.9	40.6	41.5	40.8
16.	01.00 – 02.00	42.5	40.1	41.0	41.6
17.	02.00 – 03.00	43.1	41.9	42.9	43.4

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Report No. : EEL/LR/25/0018097/828

Sl. No.	Time of Monitoring(Hrs)	Value Reported in dB (A) L_{eq}			
		N ₁	N ₂	N ₃	N ₄
18.	03.00 – 04.00	42.8	42.4	43.5	42.8
19.	04.00 – 05.00	43.7	43.1	42.8	44.4
20.	05.00 – 06.00	44.2	43.7	43.1	43.9
21.	06.00 – 07.00	46.7	47.2	49.4	48.5
22.	07.00 – 08.00	48.6	49.5	51.3	50.4
23.	08.00 – 09.00	50.3	50.8	52.7	52.7
24.	09.00 – 10.00	52.7	51.7	53.4	52.1

Note: N₁- (North) GPS coordinates : 10°50' 45" N 76°12' 23" E

N₂- (East) GPS coordinates : 10°50' 40" N 76°12' 22" E

N₃- (South) GPS coordinates : 10°50' 38" N 76°12' 20" E

N₄- (West) GPS coordinates : 10°50' 43" N 76°12' 20" E

LIMIT AS PER NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000				
	Industrial Area	Commercial Area	Residential Area	Silence Zone
Day Time	75	65	55	50
Night Time	70	55	45	40

Note: Day time means - 6.00 AM to 10.00 PM

Night time means - 10.00 PM to 6.00 AM

Instrument used for Monitoring

Name of Instrument : Sound Level Meter, Make: Cygnet, Model: A0106-302, ID No. : EEL/SLM/01

....End of Report.....


Susan Abraham
Technical Manager
Authorised Signatory
Envirodesigns Eco Labs



*This test report shall not be reproduced except in full, without the written permission of the laboratory. * The liability of the laboratory is to the extent of the testing charges received. *Sampling is not done by the laboratory unless specified. ** The above results are related only to the sample(s) tested unless the sampling is performed by the laboratory. The test report issued by the laboratory shall not be used for advertisement, litigation etc. *The sample will be disposed of after 15 days from the date of issue of test report.



Cert No. MR/SZ/384

भारत सरकार/Government of India

खान अधिनियम, 1952/Mines Act, 1952

खान परीक्षा बोर्ड/Board of Mining Examinations

खान मेट सक्षमता प्रमाण-पत्र

MINING MATE'S CERTIFICATE OF COMPETENCY

(केवल ओपेनकास्ट खानों तक सीमित)

(Restricted to mines having opencast workings only)

(धात्विकीय खान विनियम, 1961 के अन्तर्गत)

(Under the Metalliferous Mines Regulations, 1961)

श्री खान परीक्षा बोर्ड

जिनकी जन्म तिथि

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

प्रस्तुत करने एवं दिनांक

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

प्रदान किया जाता है।

Shri KOTIGI SREEDHARA GOWDA

son of

KOTIGI KOTRA GOWDA

born on 26.03.1976 (SEVENTY SIX)

having given satisfactory evidence of his age,

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

mines and having passed the prescribed examination held at GVTC, HOSPET

centre on 18.02.2013

is hereby granted MINING MATE'S CERTIFICATE

OF COMPETENCY restricted to mines having opencast workings only

बाएं हाथ के अंगुठे का निशान

Left hand thumb impression

अंचल सचिव

अंचल सचिव

खान परीक्षा बोर्ड

खान परीक्षा बोर्ड

Zonal Secretary

Zonal Secretary

Board of Mining

Board of Mining

Examinations

Examinations

Southern Zone, Bengaluru

Southern Zone, Bengaluru

Signed and Sealed

Signed and Sealed

MR

To

KOTIGI SREEDHARA GOWDA S/o. KOTIGI KOTRA GOWDA

Home Address

Village M. MHALLI (P)
PO HOSPET
Police Station M.M.HALLI
District BELLARY
State KARNATAKA - 583222

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.

Certified that he has been medically
examined by qualified Medical Officer

and declared fit for
employment in mines. This certificate is
Valid upto 04-01-2028

1 On 07/12/2022 को 2 On 05-01-2023 को
3 On को 4 On को
5 On को 6 On को
7 On को 8 On को
9 On को 10 On को

Prepared by

Checked by

രിപാടി ആരംഭിക്കു
ഗതമായാണ് എൻ
മായി യോജിച്ചുള്ള
ങ്ങൾക്ക് യുഡിസ് നി
സാധനസേവി പദ്ധതി
യ്ക്ക്.

നത്തെ മുഴുവൻ
ളിലും കൗമാര വി
രിപാടി നടപ്പാക്കു
ചവിൽ എയ്ഡ്സ്

ദാനം പ്രോത്സാഹിപ്പിക്കാൻ
കോളജ് തലങ്ങളിൽ പ്രവർത്തി
ക്കുന്ന റെഡ് റിബൺ ക്ലബ്ബു
കൾ സജീവമാക്കും. കെയർ
ആൻഡ് സപ്പോർട്ട് കേന്ദ്രങ്ങ
ൾ, ഹെൽപ്പ് ഡെസ്കുകൾ, പൂ
ലതികേന്ദ്രങ്ങൾ എന്നിവയിലും
എൻ എസ് എസ് വളണ്ടിയ
ർമാരുടെ സേവനം ഉപയോഗ
പ്പെടുത്തും.

യിൽ



ഷജ് ഉദ്യോഗസ്ഥർ

സംശയിക്കുന്നു.
നഷണം നടന്
ന് വനം വകുപ്പ്
രറിയിച്ചു. ഫോ
ഫീസർ കെ പി
ാതുവത്തിലുള്ള
രുവരെയും പിടി

നോട്ടീസ്

പൊതുജനശ്രദ്ധയ്ക്കായി, കേരള
സംസ്ഥാനം, പാലക്കാട് ജില്ല, പട്ടാമ്പി
താലൂക്ക്, കൊപ്പം ഗ്രാമപഞ്ചായ
ത്തിൽ, കൊപ്പം വില്ലേജിൽ സർവ്വേ
നമ്പർ 197/2(P, 198/8(P), 198/9(P),
198/2(P), 198/10(P), 205/2(P)
പെട്ട 1.5298 ഹെക്ടർ സ്ഥലത്ത്
പാറ ഖനനം ചെയ്യുന്നതിനു വേണ്ട
പരിസ്ഥിതി അനുമതി മാരാത്ത്
എൻവൈരൺമെന്റ് ആൻഡ് ക്ര
ഷേർസ് പ്രൈവറ്റ് ലിമിറ്റഡ് എന്ന
പേരിൽ സംസ്ഥാന പരിസ്ഥിതി
ഇന്ത്യാക്ട് അഡ്മിനിസ്ട്രേറ്റർ അതോ
റിറ്റിയിൽ തിന്നും EC Identification
No: EC23B001KL180003 തീയതി
07-10-2023 ഓർഡർ പ്രകാരം ലഭിച്ചി
രിക്കുന്നു. ഈ ഓർഡറിന്റെ പകർപ്പ്
സംസ്ഥാന പരിസ്ഥിതി ഇന്ത്യാക്ട്
അഡ്മിനിസ്ട്രേറ്റർ അതോറിറ്റിയിൽ
ലഭ്യമാണ്. <https://parivesh.nic.in>
എന്ന വെബ്സൈറ്റിൽ കൂടിയും
പകർപ്പ് കാണാവുന്നതാണ്.

എസ്,
കെ. ഐ. അരുമുഖൻ,
മാനേജിങ് ഡയറക്ടർ,
മാരാത്ത് എൻവൈരൺമെന്റ് ആൻഡ്
ക്രഷേർസ് പ്രൈവറ്റ് ലിമിറ്റഡ്,
ആമയൂർ പി.ഒ, കൊപ്പം,
പിൻ-679303.

സിറാജ്

ക്വാസിഫൈഡ്സ്

0495 2766949 (KKD)

0497 2712995 (KNR)

ആലത്തൂർ സബ് റീജ
സ് പോർട്ട് ഓഫീസറെ
അറിയിക്കേണ്ടതാണ്.
എസ്,
സബ് റീജിയണൽ ഓ
ഫീസർ ആലത്തൂർ

നഷ്ടപ്പെട

എന്റെ ഉടമസ്ഥതയ
-55-E-3300 തമ്പിള
SUZUKI ALTO യുടെ RC ഒ
രഭവ്യ നഷ്ടപ്പെട്ടു. കണ്ട
അടുത്തുള്ള പോലീ
ലോ താഴെ കാണിച്ചി
വിലാസത്തിലോ അ
താൽപര്യപ്പെടുന്നു.

എസ്.

SHAMEER U

UPPILAPATTA (H),

MUTHUKURUSSI-(PO),

THACHAMPARA,

PALAKKAD-678593,

MOB: 9447591712

Lakshit Agro India Farn
Company Lin
CIN: U01100KL2022P

Regd. Office: 18/331/31, 2nd Flo
Kanjani Road, Chunga
-680004 Phone: 80

NOTICE OF A

Notice is hereby giv
2Nd Annual General
Lakshit Agro India Farn
Company Limited. Wi
Monday, 30th Septem
10.30 AM at Lakshit
Farmers Producer Com
Room No. 847, 1st Floor
er, Kunnathurmedu, Pz
013. All the Members,
are requested to atten
The Annual report of
can be inspected at t
office of the company
Statement with en
affixed in the notice
company and member
to vote either in pers
proxy.

BY THE ORDER C

Date : 08-09-2024

Place : Palakkad

FOR
Lakshit Agro India Farmers Produce
Director Name: Sreedharan Sreegith
Managing Director
DR. Sreedharan

NOTICE

This is to inform to the General Public that a quarry project at
Survey No. 197/2, 198/8(P), 198/9(P), 198/2(P), 198/10(P),
205/2(P) for an area of 1.5298 Ha in Koppam Village, Marath
Enterprises and Crushers Private Limited, in Koppam
Panchayath, Pattambi Taluk, Palakkad District, Kerala is
accorded with ENVIRONMENTAL CLEARANCE by State
Environment Impact Assessment Authority,
Thiruvananthapuram, Kerala, EC Identification No.
EC23B001KL180003 dated 07-10- 2023 and the copy of the
Environmental Clearance is available with the office of State
Environment Impact Assessment Authority and may also be
seen on the website of the authority at <https://parivesh.nic.in>

K. I. Arumughan, Managing Director
Marath Enterprises and Crushers Private Limited Amayur-P.O, Koppam, Pin-679303