

Quarry project of M/s Marath Enterprises and Crushers Pvt.Ltd

APPLICANT

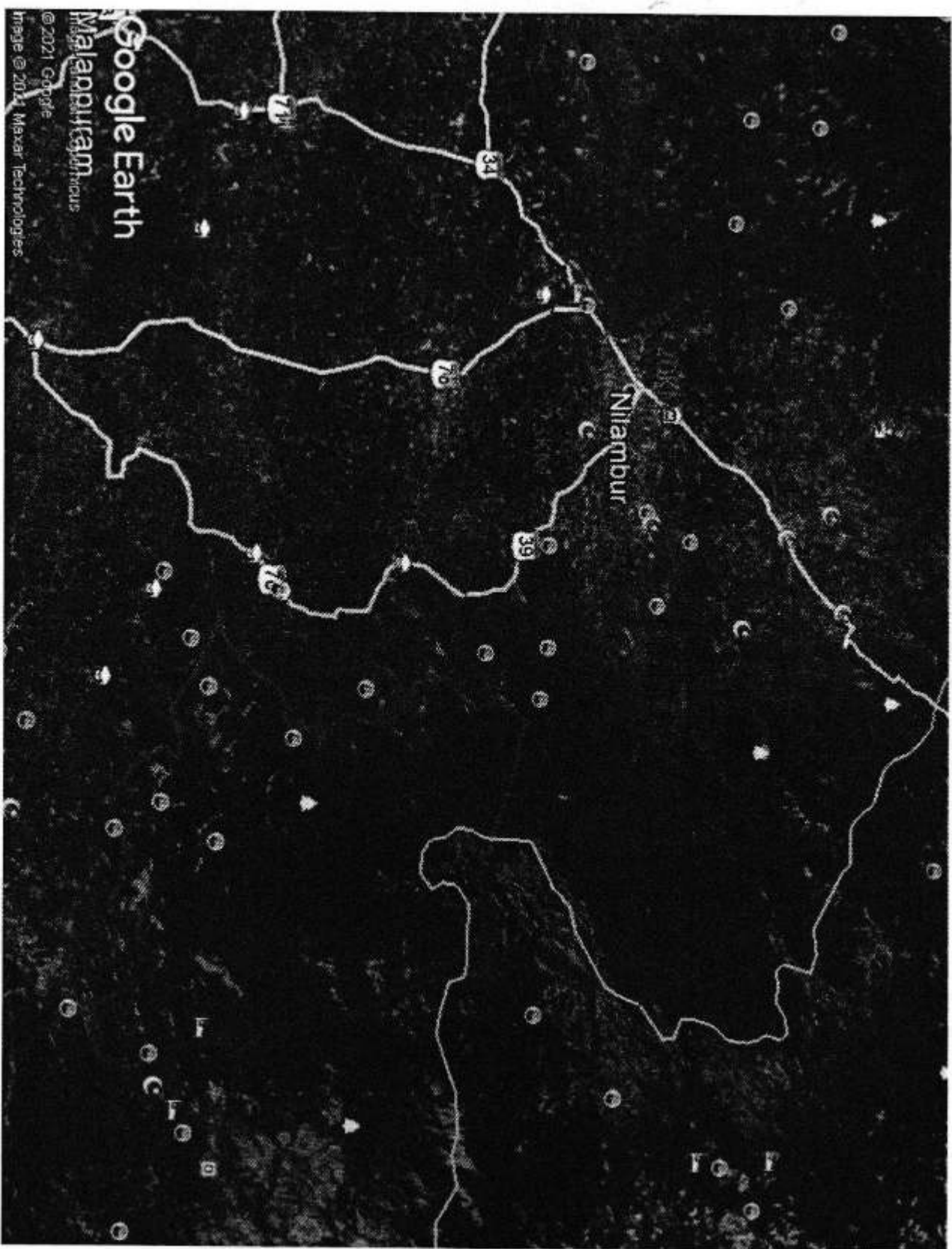
Mr. Subramanyan
Koppam
Amayur P.O
Palakkad
Kerala

PROJECT LOCATION	
<i>Sy.No</i>	<i>369/2</i>
<i>Area</i>	<i>2.1224</i>
<i>Village</i>	<i>Koppam</i>
<i>Taluk</i>	<i>Pattambi</i>
<i>District</i>	<i>Palakkad</i>
<i>State</i>	<i>Kerala</i>

First Half Compliance Report

(Ref: file. No. E/2703/16/DEIAA dtd. 29/07/2017)

*For the period up to
April 2020 to September 2020*



M/s. MarathEnterprises and Crushers Pvt Ltd

Koppam Village, Pattambi Taluk, Palakkad

Email:- marathcrushers@gmail.com

Ph: +91-9447435270

To,

The Director
Department of Environment and Climate Change
Government of Kerala

Sub: Environmental Clearance – Proposed quarry Project Survey. No. 369/2 at Koppam Village, Pattambi Taluk, Palakkad District, Kerala- First Half (April 2020 to September 2020) Compliance report-Reg.

Ref: file No. E/2703/16/DEIAA dated. 29/07/2017 (EC No: DIA/KL/PL/4/2017

Respected Sir,

Our Quarry project was accorded with Environmental Clearance vide order E/2703/16/DEIAA dated. 29/07/2017 (EC No: DIA/KL/PL/4/2017. The First Half (April 2020 to September 2020) compliance report of the specific and general conditions of the Environmental clearance is enclosed.

Thanking You

Your Faithfully

Mr. Subramanyan
Managing Director
M/s Marath Enterprises and Crushers Pvt.Ltd
Koppam ,Amayur P.O
Palakkad, Kerala

Copy to

The Regional Director
MoEF Regional Office, southern zone, KendriyaSadan, 4th Floor,
E&F Wing, II Block, Koramangala, Bangalore-560034.

TABLE OF CONTENTS

Item number	Description	Page number
I	Index	3- 5
II	About the proponent	6
	About the project	6
	Project category	6
III	Project location	7
	Project extent and activity	7
	Project description	7
	Compliance of specific condition	8-9
IV	Compliance of general condition	10-23
	Annexure	
	Annexure S-1: Attached copy of Mines Foreman's certificate	
	Annexure G-8: Attached copy of CSR receipts	
	Annexure G-30: consent copy of Kerala state pollution control board.	
	Annexure G.31(1), – Copy of D& O license issued from Koppam Grama Panchayath	
	Annexure G.31 (2): copy of explosive license issued from the petroleum and Explosive safety Organization.	
	Annexure G.31(3) – Copy of the quarrying lease deed issued from the	

V.	Director of mining & geology
	Annexure G-35; Attached copy of paper cuttings
VI	Plates
	(Specific Conditions)
	Plate S-4: Rain Water harvesting pond
	Plate S-6: Garland drains.
	Plate S-7: Fenced
	Plate S-9: Display appropriate sign boards
	Plate S-9: Display Blasting Time board with Siren
	Plate S-10: Sprinklers
	(General Conditions)
	Plate G-1: Rain water harvesting pond
	Plate S-5: Sprinklers
	Plate G-9: Fenced with barbed wire
	Plate G-10: Display blasting Time board with siren
	Plate G-12: Display Working Time board
	Plate G-15; Access road to the quarry.
	Plate G-16: Overburden is stacked
	Plate G-17: Mining Bench's
	Plate G-19; Mining depth not below general ground level
	Plate G-22: workers with protective equipment
	Plate G-23: Garland drains.
	Plate G-24: Transportation of materials in covered truck

	Plate G-25: Sapling Photos
	Plate G-27: Magazine
	Plate G-38: display EC details board
	Plate G-57: mining depth not intersect ground water table

I. ABOUT THE PROPONENT

Mr. Subramanyan, Proprietor of M/s Marath Enterprises and Crushers Pvt. Ltd in Koppam Village and Pattambi

EC Compliance Report of M/s Marath Enterprises and Crushers Pvt.Ltd.

Page 3

Taluk, Palakkad District, Kerala state.

District Environment Impact Assessment Authority (DEIAA) Palakkad, Kerala, accorded Environmental Clearance No. E/2703/16/DEIAA (EC No: DIA/KL/PL/4/2017) to the quarry project Building Stone Quarry of M/s Marath Enterprises and Crushers Pvt. Ltd in Koppam Village, Pattambi Taluk, Palakkad District, Kerala managed by Shri. Ebrahim Haji.

The quarry project is controlled and managed by Shri. Subramanyan, proprietor of M/s Marath Enterprises and Crushers Pvt. Ltd, Koppam, Amayur (P.O) Palakkad district, Kerala.

Phone No: 9447435270 ,

e-mail: marathcrushers@gmail.com

II.ABOUT THE PROJECT

Project category:

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

b. Project location:

Sy. No. 369/2 at Koppam Village, Pattambi Taluk, Palakkad District, Kerala State. The proposed project site falls within N 10°50'37.2" to N 10°50'42.5" E 76°12'31.3" to E 76°12'30.7".

c. Project extent and activity:

The project is for quarrying of 43,000 TPA of building stone from an area of 2.1224 hectares of land located as specified above.

d. Project description:

The proposed project activity involves about 100 % of the pit area for exploring building stone. At the end of life of mine, excavated pit will be fully reclaimed and rehabilitated by plantation. The proposed project does not involve any underground mining activities. The mining is done by open cast semi mechanized method.

III. REPORT OF COMPLIANCE

A. SPECIFIC CONDITIONS

ITEM No.	STIPULATIONS IN EC	STATUS OF COMPLIANCE	REMARKS
S-1	Mines manager shall be appointed to control, direct, manage and supervise the quarrying operations as required under the mines Act, 1952	Mines manager is appointed to integrate the quarrying operations.	<u>Annexure S-1:</u> Attached copy of mines foreman's Certificate
S-2	Health and welfare measures for the persons employed shall be implemented	Measures for the welfare and health employee's implemented	
S-3	Controlled blasting should be practiced and blasting shall be done only during day time. The mitigative measures for control of ground vibrations to arrest the fly rocks and boulders should be implemented.	Controlled blasting is done only during the day time, and Mitigative measures are adopted.	
S-4	A rain water harvesting structure should be provided	A rain water harvesting structure provided	<u>Annexure S-4:</u> Rain Water harvesting pond
S-5	Plantation shall be done which includes a green belt of adequate width around the mining lease area excluding the rocky area, along roads, overburden dumps and non mineralized area by	Scrupulously will follows the direction contained	

	planting suitable native species in consultation with the local DFO/Agriculture Department		
S-6	The drains should be regularly de silted and maintained properly. Check dam and gully checks shall be constructed wherever required to arrest siltation. De siltation shall also be done every before the onset of monsoon	Garland drains are provided to channelize Surface water.	Plate S-6: Garland drains.
S-7	Fencing must be maintained properly all around the lease area.	Fencing is maintained properly, around the lease area	Plate S-7: Fenced
S-8	The CSR need redrafting with inclusion of felt needs of the locality.	Scrupulously will follow the direction contained.	
S-9	Appropriate sign boards should be displayed.	Sign boards are displayed,	Plate S-9: Display appropriate sign boards
S-10	The blasting time must be displayed and strictly adhered to.	Blasting time is displayed	Plate S-9: Display Blasting Time board
S-11	Dust suppression mechanism must be in place	Dust suppression mechanism is present	Plate S-10: Sprinklers
S-12	A separate small plot to be maintained in the premise to preserves rare and endemic species, if any, listed in the biodiversity assessment etc.	There is no endemic and endangered species noticed in the lease area.	

C.GENERAL CONDITIONS

Item No	Stipulations in EC	Status of Compliance	Remarks
G-1	Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR,	Provision is made for storage of rain water	Plate G-1: Rain water harvesting pond
G-2	Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.	An Environment Monitoring Cell is constituted and made functional	
G-3	Suitable avenue trees should be planted along either side of tarred road and open parking areas, if any, inclusive of approach road and internal roads.	Avenue trees by way of natural vegetation are present along either side of the tarred road, both approach road and internal road.	
G-4	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Scrupulously will follow the direction contained	
G-5	Sprinklers shall be installed and used in the project site to contain dust emissions.	Sprinklers are used in the project site to contain dust emissions.	Plate G-5: Sprinklers
G-6	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	It is assured that eco-restoration including the mine closure plan will be done at the own cost of the project proponent.	

G-7	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with and overburden and planted with indigenous plant species that are eco-friendly. If, no other specific condition on reclamation of pit is stipulated in the E.C	At the time of the closure of the mine, it shall be ensured that the directions contained are scrupulously followed.	
G-8	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented in tune with the conditions specified in the Companies Act, 2013.	Activities towards Corporate Social Responsibility are being done in tune with the conditions specified in the Companies Act, 2013.	Annexure G-8: Attached copy of Csr receipts
G-9	The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mining. All the boundary indicators (boards, stores, markings, etc) shall be protected at all times and shall be conspicuous.	The direction contained shall be scrupulously followed	Plate G-9: Fenced with barbed wire
G-10	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per Stipulations of Explosive Department.	Display blasting time board	Plate G-10: Display blasting Time board with Siren
G-11	Control measures on noise and vibration prescribed by KSPCB should be implemented.	Scrupulously follows the directions contained	

G-12	Quarrying activities should be limited to day time as per KSPCB guidelines.	Quarrying is done only during day time from 7am to 5 pm.	Plate G-12: Display Working Time board
G-13	Blasting should be done in a controlled manner as specified by the regulation of explosives Department or any other concerned agency.	Scrupulously follows the directions contained.	
G-14	A licensed person should supervise /control the blasting operations.	Scrupulously follows the directions contained.	
G-15	Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.	Access roads to the quarry site is concreted	Plate G-15: Access road to the quarry.
G-16	Overburden materials should be managed within the site and used for reclamation of mine pit as per mined closure plan/ specific conditions.	Overburden is stacked in pre-determined site specified for the purpose.	Plate G-16: Overburden is stacked
G-17	Height of benches should not exceed 5 m and width should not be less than 5 m.	Height of the benches is maintained at 5 x 5 m.	Plate G-17: Mining bench's
G-18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	Mats are used during vibration studies	
G-19	Maximum depth of mining from general ground level at site shall not exceed 10m.	The maximum depth of mining is now above ground level.	Plate G-19: Mining depth not below general ground level

G-20	No mining operations should be carried out at places having a slope greater than 45°.	It is ensured that no mining is carried out at places having a slope greater than 45°, if any.	
G-21	Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.	Acoustic enclosures are provided for the existing crusher unit located outside the project site.	
G-22	The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.	The workers on the site is provided with the required protective equipment such as ear muffs, helmet, etc.	Plate G-22: workers with protective equipments
G-23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Garland drains are provided to channelize storm water.	Plate G-23: Garland drains.
G-24	The transportation of minerals should be done in covered trucks to contain dust emissions.	The transportation of minerals is done in covered trucks to contain dust emissions.	Plate G-24: Transportation of materials in covered truck
G-25	The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.	Saplings of Irul, pala, Thanni, Thengu, kanjiram, Amathalli, rubber, banana are planted	Plate G-25: Sapling Photos
G-26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations.	Not applicable	

G-27	Explosives should be stored in magazines in isolated place specified and approved by Explosive Dept.	Explosives are stored in magazine located in isolated place.	<u>Plate G-27: Magazine</u>
G-28	A Minimum buffer distance of 100 m from the boundary of the quarry to the nearest dwelling unit or other structure, not being any facility for mining shall be provided.	scrupulously follows the directions contained	
G-29	100m buffer distance should be maintained from forest boundaries.	Statutory safe distance shall be maintained without fail.	
G-30	Consent from Kerala State Pollution, Control Board under Water and Air (Acts) should have been obtained before initiating mining activity.	Consent letter is attached (Consent No: PCB/PLKD/ICO/F/362/2017 valid upto 31-07-2020)	<u>Annexure G-30:</u> Attached Copy of the pollution certificate.
G-31	All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.	Clearing are obtaining from; 1. D & O License issued from Koppam Grama Panchayath (License No: 29/2020-2021/B-3/1070) issued by 01/04/2020 valid up to 31/03/2021)	<u>1. Annexure G- 31(I):</u> attached Copy of D & O License issued from Koppam Grama Panchayath

		2. Petroleum and Explosive safety Organization (formerly Department of Explosives) License (No. E/SC/KL/22/1666(E 79896) Valid upto 31-03-2023 3. Quarrying Lease deed issued by the Directorate of Mining & geology	2. Annexure G-31(2): attached Copy of explosive license issued from the petroleum and Explosives Safety Organization. 3. Annexure G – 31(3): attached copy of the Quarrying Lease deed Directorate of mining & Geology
G-32	In the case of any change in the scope of the project, extent quantity, process of mining technology involved or in any way affecting the environmental parameters/ impacts as assessed, based on which only the E.C is issued. The projects would require a fresh appraisal by this authority, for which the proponent shall apply and get the approval of this Authority. The Authority reserves the right to add	The company shall abide by the directions of SEIAA/DEIAA Kerala in such a context, if arises	
		The company shall abide by the	

G-33	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.	directions of SEIAA/ DEIAA Kerala in such a context, if arises.	
G-34	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with including the provisions of Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Strict compliance is adhered to and is reviewed periodically by the top management.	
G-35	The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Department of Environment and Climate Change, Govt. of	scrupulously follows the directions contained	Annexure G-35: Attached copy of paper cuttings

	Kerala and may also be seen on the website of the Authority at www.seiaakerala.org . The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.		
G-36	A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat/ District Panchayat/ Municipality/ Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The Environmental clearance shall also be put on the website of the company by the proponent.	Copy of EC has been forwarded to the secretary Koppam grama panchayth	
G-37	The proponent shall submit half yearly reports on the status of compliance of the stipulated EC Conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the Status of compliance of the stipulated EC conditions, including results of monitored data on their website. It shall Sent to the Regional office	Scrupulously follow the direction contained	Annexure G-37: attached Result of monitored data

	of MoEF., Govt of India and also to the STATE Environment Impact Assessment Authority (SEIAA) Office		
G-38	The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x3 ft with green back ground and yellow letters of Times New Roman font of size of not less than 40.	The conditions of Environmental Clearance are prominently displayed in a metallic board.	Plate G-38: display EC details board
G-40	No change in mining technology and scope of working should be made without prior approval of the SEIAA, No further expansion or modification in the mine shall be carried out without prior approval of the SEIAA, as applicable.	The conditions of SEIAA/ DEIAA are strictly will followed	
G-42	Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended places loading and unloading points & transfer point to reduce fugitive emissions.	Scrupulously follow the direction contained	
G-43	The Top soil, if any, shall temporarily to be stored at earmarked sites, only. For the topsoil shall be used for land reclamation and plantation. The over burden generated during the mining operations shall be stacked at earmarked dump site only. The maximum height of the dumps shall not exceed 8 m and	Scrupulously follow the direction contained	

	width 20m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.		
G-44	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilizing for watering the mine area. Roads, green belt development t etc. the drains shall be regularly desilted particularly after monsoon and maintained properly.	Mineral dumps and OB are maintained at the working site, in order prevent the runoff of water and sediments into water bodies. The drains are desilted regularly.	
G-45	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM10 and PM 2.5 such as haul road, Loading and unloading points and transfer	Scrupulously follow the direction contained	

	points-it shall be ensured that the ambient air quality parameters conform to the norms prescribed by the central pollution control board in this regard.		
G-46	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained	Scrupulously follow the direction contained	
G-47	Measures should be taken for control of noise levels below 85 dBA in work environment.	Scrupulously follow the direction contained	
G-48	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a senior Executive, who will report directly to the head of the organization.	Scrupulously follow the direction contained	
G-49	The funds earmarked for environmental protection measures and CSR activities should be kept in separate account and should be reported to the state Environment Impact Assessment Authority (SEIAA) office.	Scrupulously follow the direction contained	
G-50	The Regional Office of MOEF&CC Located at Bangalore shall extend full cooperation to the officer (S) of the Regional Office by furnishing the requisite data /information	. Scrupulously follow the direction contained	

	/monitoring reports		
G-51	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010	There is no appeal against EC.	
G-52	Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of the this clearance and attract action under the provisions of Environment (protection) Act, 1986	Such a situation never come across	
G-53	The SEIAA may revoke or suspend the order, for non implementation of any of the specific or this implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter /modify the above conditions or stipulate any further conditions in the interest of environment protection.	The conditions of SEIAA/DEIAA are strictly followed	
G-54	The above conditions shall prevail not withstanding anything to the contrary in consistent, or simplified, contained in any other permit, license on consent given by	Scrupulously follow the direction contained	

	other authority for the same project .		
G-55	This order is valid for a period of 5 years or the expiry date of mine lease period issued by the Government of Kerala whichever is earlier.	scrupulously follows the directions contained	
G-56	The Environmental Clearance will be subject to the final order of the courts of the in any pending litigation related to the land or project, in any court of law.	There is no fault in the land or project.	
G-57	The mining operation shall be restricted to above ground water table and it should not intersect ground water table.	Scrupulously follow the direction contained	Plate G-57: Mining depth not intersect ground water table.
G-58	All vehicles used for transportation and within the mines shall have PUC certificate from authorized pollution talking Centre. washing of all vehicles shall be inside the lease area.	Vehicles used within mines have PUC certificate and washing of the vehicles areas alone inside the lease area.	
G-59	Project proponent should obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and ground water for the project.	Scrupulously follow the direction contained	
G-60	Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and	Scrupulously follow the direction contained	

	other authority for the same project .		
G-55	This order is valid for a period of 5 years or the expiry date of mine lease period issued by the Government of Kerala whichever is earlier.	scrupulously follows the directions contained	
G-56	The Environmental Clearance will be subject to the final order of the courts of the in any pending litigation related to the land or project, in any court of law.	There is no fault in the land or project.	
G-57	The mining operation shall be restricted to above ground water table and it should not intersect ground water table.	Scrupulously follow the direction contained	Plate G-57: Mining depth not intersect ground water table.
G-58	All vehicles used for transportation and within the mines shall have PUC certificate from authorized pollution talking Centre. washing of all vehicles shall be inside the lease area.	Vehicles used within mines have PUC certificate and washing of the vehicles areas alone inside the lease area.	
G-59	Project proponent should obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and ground water for the project.	Scrupulously follow the direction contained	
G-60	Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and	Scrupulously follow the direction contained	

	around the mine lease area shall be carried out and reported in the six monthly reports to SEIAA.		
G-61	Occupational health surveillance program of the workers should be under taken periodically to observe any contractions due to exposure to dust and corrective measures, if needed.	A healthy surveillance programme of the workers is controlled periodically	

Cert No. FMR / 2/89



भारत सरकार / Government of India

खान अधिनियम, 1952 / Mines Act, 1952

खनन परीक्षा बोर्ड / Board of Mining Examinations

प्रथम श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र

FIRST CLASS MANAGER'S CERTIFICATE OF COMPETENCY

(केवल ओपनकास्ट खानों तक सीमित)

(Restricted to mines having opencast workings only)

(धातुवर्गीय खान विनियम, 1981 के अन्तर्गत)

(Under the Metalliferous Mines Regulations, 1961)

श्री अरितराज भौमिक

सुपुत्र सुभाष चन्द्र भौमिक

जिनकी जन्म तिथि

19.09.1977

है, जो विहित अर्हताएँ एवं अनुभव

प्राप्त करने का सुलौषजनक प्रमाण प्रस्तुत करने एवं अक्टूबर, 2009 में आयोजित विहित परीक्षा में उत्तीर्ण होने पर एतद्वारा ओपनकास्ट धातुवर्गीय खानों के प्रबंध हेतु प्रथम श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र प्रदान किया जाता है। यह प्रमाण-पत्र 05.04.2010 से प्रभावी है।

Shri Aritraraj Bhoomik

son of Subash Chandra Bhoomik

born on 19th September, 1977

having given satisfactory evidence of

possessing the prescribed qualifications and experience and having passed the examination held in October, 2009 is hereby granted FIRST CLASS MANAGER'S CERTIFICATE OF

COMPETENCY to manage the metalliferous mines having opencast workings only. This certificate is effective from 05.04.2010

(Signature)
 सचिव
 खनन परीक्षा बोर्ड
 Secretary
 Board of Mining
 Examinations

(Signature)
 अध्यक्ष
 खनन परीक्षा बोर्ड
 Chairman
 Board of Mining
 Examinations

Signed and Sealed
 Date: 12-11-2009



കേരള ചെറുകിട വ്യാപാരി വ്യവസായി സംയുക്ത സംഘം (KCVVSS)
 Reg. No: ER 927/2000

Affiliated to Micro Industrial and Small Traders Organisation (MISTO)
 (Reg. Under: Ministry of Company Affairs Govt. of India)
 Income Tax Exemption 80G Unique
 Reg. No: AAFCMS279E/09/18-19/C-0013/80G

DARFAN
 NITD - Aareg Unique ID : KL/2017/0179476

ഉത്തര ഭേദവ കാര്യാലയം

Opp: സലഫി കസ്ബി, കോഴിക്കോട് റോഡ്, മൂന്നിയൂർ - 676 311

CASH RECEIPT

തീയതി: 24/12/2020

നിന്നു: m/s Navath Enterprises and Garments
Private Ltd.

പത്തൊമ്പത് മെമ്പർഷിപ്പ് / പതിനഞ്ച് / സംയോജന ഉത്തരവ്: One Hundred

₹ 1000/-

ഒപ്പ്: [Signature]
 ക്ഷേമം / അംഗീകൃതം
 KCVVSS
 Reg. No: ER 927/2000
 Unique ID: AAFCMS279E/09/18-19/C-0013/80G
 KCVVSS

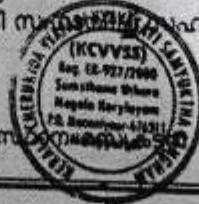
K.C.V.V. സംയുക്ത സംഘം എന്നും അറിയപ്പെടുന്നു

1. സോപ്പ്, സോപ്പ് ഘാഡർ മുതലായ നിത്യോപയോഗ സാധനങ്ങൾ

എന്നിവ ഒരു കിറ്റായി നൽകുന്നതിലേക്ക് നിങ്ങളുടെ കഴിവ് അനുസരിച്ച് നിത്യോപയോഗ സാധനങ്ങളായോ കാൾ ആയോ നൽകി സഹായിക്കണമെന്ന് അറിയിക്കുന്നു.

എന്ന്,

സംസ്ഥാന പ്രസിഡൻ്റ്





കുലാതിപ്പള്ളം സുരജ് ചികിത്സാ സഹായ ഫണ്ട്

പി.ഒ. മണ്ണാങ്ങാട്,
പാലക്കാട് ജില്ല - 679 307

രശീദി

നമ്പർ 112

തീയതി 17/11/2020

ശ്രീ/ശ്രീമതി Mamatha Fathma Praises and Chushees P. 1st

പക്കൽ നിന്ന് 5000/-

ആവ ചികിത്സാ സഹായ ഫണ്ടിലേക്ക് നൽകുവാൻ കിട്ടിയിട്ടുണ്ടെന്നുള്ളതുകൊണ്ട്

N. Praises
ചെയർമാൻ/മെമ്പർമാൻ

കൺവീനർ/ജോ. കൺവീനർ

രൂ. 5000/-

ഒപ്പ്

സൂക്ഷ്മവും പൂർണ്ണമായും നൽകിയ വിവരം അറിയിക്കുന്നു.

Mob : 9447277165

താഴെപ്പറയുന്നവർക്ക് കൈമാറുന്ന FMS രസീദിന്റെ അടിസ്ഥാനത്തിൽ



GOVERNMENT OF KERALA

No 36528/Funds-2/18/Fin

Finance Fund Department
Thiruvananthapuram
Dated 10-06-2020

From:

Additional Chief Secretary(Finance)
Govt. Secretariat,
Thiruvananthapuram.

To:

MARATH ENTERPRISES AND CRUSHERS PVT. LTD.,

Sir/Madam,

Sub : Contribution received towards Chief Minister's Distress Relief Fund - Receipt Forwarding- Reg.

Please find enclosed receipt for your valuable contribution towards Chief Minister's Distress Relief Fund vide your No FB123172 for ₹. 300000/- (Rupees Three Lakh only)

Thanking you

Yours faithfully

Additional Chief Secretary(Finance)

Recd Receipt No C3313524 dated 10-06-2020 for ₹. 300000/-



DL No. 10-3412/2010
DL No. 10-3412/2010

NEETHI MEDICAL STORE

NEAR THRIVEN SUPERMARKET, AL HAZIM TOWER,
PERINTHALMANNA - PH : 8493 - 322530

113

Ent. No.

MARATHI BUREAU PAPER : 20-6-2020

	Particulars	Qty.	Batch No. Expiry	Rate	Amount Rs. Ps.
	Wash Basin	1000 nos		4.50	4500.00
					/
			PANEL		4500.00

E & OE

6792 mm



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/PLKD/ICO/R17PAL5499543/2020

Date of issue :26/06/2020

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : PCB/PLKD/ICO/R1/ 13199257/2020

Ref : Consent no: PCB/PLKD/ICO/F/362/2017.dated on valid up to 07.08.2017 as per the file no:
PCB/PLKD/ICO-386/5499739/2017

The 'Integrated Consent to Operate' issued as per reference above to M/s MARATH ENTERPRISES & CRUSHERS PVT LTD(QUARRY),AMAYUR PO, KOPPAM, PALAKKAD.DT is hereby renewed up to 28/07/2022 and issued to M/s MARATH ENTERPRISES & CRUSHERS PVT LTD(QUARRY),AMAYUR PO, KOPPAM, PALAKKAD.DT. The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	VALIDITY	28.07.2022
2	FEE REMITTED	Rs.63750/-
3	ANNUAL FEE	Rs.25000/-
4	CAPITAL INVESTMENT	Rs.130/- in lakhs
5	LAST DATE FOR RENEWAL APPLICATION	30.05.2022
6	PRODUCT DETAILS	Quarrying 2 Hecters produce 500 Metric Tonnes granite bouldes
7	CATEGORY	RED

II. Stack Details

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

III. CONDITIONS

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

DATE :26/06/2020

KRISHNAN M N

Digitally signed by KRISHNAN M N
Date: 2020.06.29 11:37:07 +05'30'

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER



To

P.K SUBRAMANIAN, MANAGING DIRECTOR, M/s MARATH ENTERPRISES & CRUSHERS PVT LTD, AMAYUR PO, KOPPAM, PALAKKAD.DT.
AMAYUR PO, KOPPAM, PALAKKAD.DT

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

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



നമ്പർ: 29/2020-2021/8-3/1070

തീയതി: 01/04/2020

കൊപ്പം ഗ്രാമപഞ്ചായത്ത്
പുലാശ്ശേരി പി.ഒ., പാലക്കാട് (ജില്ല)

പിൻ: 679307, ഫോൺ: 4662262225, ഇ-മെയിൽ: ddpkoppampkd@gmail.com

വ്യവസായം, വാണിജ്യം, സംരംഭകത്വം, മറ്റ് സേവനങ്ങൾക്കുള്ള
ലൈസൻസ്

(കെ.പി.ആർ ആക്ട് സെക്ഷൻ 232, FTE & OS ലൈസൻസ് ചട്ടങ്ങൾ 1996)

ലൈസൻസിയുടെപേര്	പി കെ സുബ്രഹ്മണ്യൻ		
ലൈസൻസിയുടെ മേൽവിലാസം	മാനേജിംഗ് ഡയറക്ടർ, മാരാത്ത് എന്റർ പ്രൈസസ് ആന്റ് ക്രഷേജ് (P) Ltd, ആമയൂർ		
സ്ഥാപനത്തിന്റെ പേരും, സ്ഥലനാമവും	മാരാത്ത് എന്റർപ്രൈസസ് ആന്റ് ക്രഷേജ് (P) Ltd, ആമയൂർ		
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	369/2 സർവ്വേ നമ്പറിൽ ഉൾപ്പെട്ട 2.1224 ഹെക്ടർ സ്ഥലത്ത് 450HP കമ്പ്രസർ ഉപയോഗിച്ച് കരിങ്കൽ ക്വാറി നടത്തുന്നതിന്		
വാർഡ് നമ്പർ/കെട്ടിട നമ്പർ	VIII/.....		
ലൈസൻസ് കാലാവധി	01/04/2020 മുതൽ 31/03/2021 വരെ		
ലൈസൻസ് ഫീസ് , മോട്ടോർ ഫീസ് തൊഴിൽ നികുതി	തുക	രസീത് നമ്പർ	തീയതി
	5000 /- രൂപ	119010110156	28/02/2020
	4500 /- രൂപ	119010110156	28/02/2020
	2500 /- രൂപ	119010110156	28/02/2020
ലൈസൻസ് അനുവദിക്കുന്നതിന് ഹാജരാക്കിയ നിരീക്ഷണപത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാര സ്ഥാപനം)			
1. Pollution Certificate Valid upto 31/07/2020 2. Explosive License Valid upto 31/03/2023, Quarry Lease Valid up to 26/09/2022 3. The Pollution Certificate is valid up to 31/07/2020, therefore the License will be cancelled on this date unless the above certificate is renewed.			

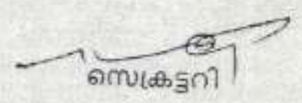
ഓഫീസ് മുദ്ര



Secretary
Koppam Grama Panchayat
കൊപ്പം ഗ്രാമപഞ്ചായത്ത്

ലൈസൻസി താഴെ പറയുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു.

1. കേരള പഞ്ചായത്ത് രാജ് ആകട്ടും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും ബൈലകളും അനുസരിച്ചു പ്രവർത്തിക്കേണ്ടതാകുന്നു.
2. തൊഴിൽ സ്ഥലവും അതിലുള്ള സാധനസാമഗ്രികളും പഞ്ചായത്തധികാരികൾക്കോ/സെക്രട്ടറി അധികാരപ്പെടുത്തുന്ന മറ്റ് ഉദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസൻസി വേണ്ട ബൈലകൾ നൽകേണ്ടതും അവർ ആവശ്യപ്പെട്ടാൽ ഈ ലൈസൻസ് കാണിക്കേണ്ടതുമാണ്.
3. എൻ സ്ഥലത്തിന്റെ കാര്യത്തിൽ ലൈസൻസ് നൽകിയിരിക്കുന്നവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണാത്തവിധത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസൻസി തന്റെ പേരും, ലൈസൻസിന്റെ നമ്പരും ഉദ്ദേശവും കാണിക്കുന്ന ഒരു അടയാളപ്പെലക വച്ചിരിക്കേണ്ടതാണ്.
4. പഞ്ചായത്തിൽ നിന്നും അനുവാദം ലഭിച്ചശേഷമല്ലാതെ തൊഴിൽ സ്ഥലം മാറ്റാൻ പാടില്ലാത്തതും തൊഴിൽ നിർത്തുന്ന പക്ഷം വിവരം മുൻകൂട്ടി പഞ്ചായത്തിൽ അറിയിക്കേണ്ടതുമാകുന്നു.
5. തൊഴിൽ സ്ഥലവും പരിസരങ്ങളും വൃത്തിയായും സാംക്രമികരോഗാണുക്കൾ ഉണ്ടാക്കാത്ത വിധത്തിലും പൊതുജനോപദ്രവമാക്കാത്ത വിധത്തിലും വൃപാരത്തിനു വച്ചിട്ടുള്ള പ്രക്ഷേപദാർത്ഥങ്ങൾ ഈച്ച, അണുക്കൾ, പൊടി മുതലായവയുടെ ശല്യം ഉണ്ടാക്കാത്ത വിധത്തിലും സ്വീകരിക്കേണ്ടതാണ്.
6. ഉപോപ്രവർത്തിഭിവസത്തിന്റെയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേണ്ടതാണ്.
7. ആ സ്ഥലത്തിന്റെയോ പരിസരത്തിന്റെയോ, ഏതെങ്കിലും ഭാഗത്ത് വീഴുകയോ നിക്ഷേപിക്കുകയോ ചെയ്യുന്ന ചപ്പുചവറോ, മൂഗങ്ങളുടെ അവശിഷ്ടങ്ങളോ മറ്റ് പദാർത്ഥമോ ശേഖരിച്ച്, സെക്രട്ടറിക്ക് സമർപ്പിക്കുമായ രീതിയിൽ നീക്കം ചെയ്യിക്കേണ്ടതാണ്.
8. ലൈസൻസി എന്തൊരു കെട്ടിടത്തിന്റെയും ചുവരുകളുടെ അകവശത്തിന്റെ എന്തൊരു ഭാഗവും ശേർപറഞ്ഞ പരിസരത്തിലുള്ള തറയും നടപ്പാതയും അവിടെ തെറിച്ചുവീഴാനിടയുള്ള ഏതെങ്കിലും ദാവകമോ, മാലിന്യമോ, ചപ്പുചവറോ, അസഹ്യവും, ഉപദ്രവകരവും ഏതെങ്കിലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് തടയത്തക്കവിധം എപ്പോഴും നന്നായി കേടുപാട് തീർത്ത് നിലനിർത്തേണ്ടതാണ്.
9. ലൈസൻസി മേൽപറഞ്ഞ സ്ഥലത്തോ, പരിസരത്തോ അതോടു ചേർന്നോ ഉള്ള ഏതൊരു ദാറുചാലും, അഴുക്കുജലം കളയുന്നതിനുള്ള ഉപകരണവും എപ്പോഴും നന്നായി കേടുപാട് തീർത്ത് നിലനിർത്താൻ ആചരിക്കുന്ന കടകളുടെ ലൈസൻസ് റദ്ദുചെയ്യുന്നതാണ്.
10. ഏതെങ്കിലും തരത്തിലുള്ള തപക് രോഗമോ കൃഷ്ണ രോഗമോ പ്രണമോ പകർച്ച വ്യാധികളോ ഉള്ള രോഗാദരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന സ്ഥലത്തും പരിസരത്തും പ്രവർത്തിക്കുവാൻ പാടില്ലാത്തതാകുന്നു.
11. 11/02/2019 ലെ സ.ഉ. (കൈ) നം.7/2019 പരിസ്ഥിതി ഉത്തരവ് പ്രകാരം ഒറ്റത്തവണ ഉപയോഗിക്കുന്ന നിശ്ചാധിത വസ്തുക്കൾ ഉൽപ്പാദിപ്പിക്കുകയോ ശേഖരിക്കുകയോ വിൽക്കുകയോ കൈകാര്യ ചെയ്യുകയോ വിതരണം ചെയ്യുകയോ ചെയ്യാൻ പാടില്ല.
12. സ്ഥാപനത്തിന്റെ ബോർഡിൽ സ്ഥലനാമം മലയാളത്തിലും ഇംഗ്ലീഷിലും രേഖപ്പെടുത്തേണ്ടതാണ്.
13. 20 സീറ്റിൽ കൂടുതലുള്ള എല്ലാ പോട്ടലുകൾക്കും റെസ്റ്റോറന്റുകൾക്കും ടോയ്സ് സൗകര്യം ഏർപ്പെടുത്തേണ്ടതാണ്.
14. നിരോധിത ഉൽപ്പന്നങ്ങളായ പാൻമസാല, ഗുഡ്ബ തുടങ്ങിയവ സംഭരിച്ചുവയ്ക്കുവാനോ വിൽക്കുവാനോ പാടില്ല.
15. സ്വലേവേല അനുവദിക്കാൻ പാടില്ല.
16. മുകളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളുടെ ലംഘനം ഈ ലൈസൻസ് റദ്ദ് ചെയ്യപ്പെടുന്നതിന് കാരണമാകാവുന്നതാണ്.


സെക്രട്ടറി

കൊല്ലം ഗ്രാമപഞ്ചായത്ത്
Kollam Grama Panchayat

ഈ ലൈസൻസ് അപ്സാനിക്കുന്ന തീയതിക്ക് 30 ദിവസം മുമ്പ് ലൈസൻസ് പുതുക്കുന്നതിനുള്ള ഫീസ് ഒടുക്കുവരുത്തേണ്ടതാണ്.

Conditions

- other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.
11. 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 and records to any of the officers authorised under the Explosives Rules, 2008 shall be page numbered.
12. No charges 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. The licensee shall maintain the premises in good repair (or maintained in good condition). The licensee shall report to licensing authority if the magazine becomes unfit for storage of any explosives for any reason whatsoever.
14. The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.
15. Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.
16. The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.
17. The explosive packages shall be stocked in such a way to allow movement of at least one person to check the condition of all packages stored and to read the manufacturer particulars of each package.
18. The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.
19. A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or combustible materials.
20. Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.
21. Not more than 4 persons shall be allowed inside the magazine or store house at any one time.
22. Empty packages of the explosives shall be removed at the earliest and destroyed.
23. The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.
24. If the licensing authority or a Controller of Explosives infirm 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 as necessary for the safety of either on-site or off-site of the premises or persons, the holder of the licence shall execute the recommendations and report compliance within the period specified by such authority.
25. 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.
26. The possession and sale of fire-crackers generating noise level exceeding:
a) 125 dBA or 145 dB(C) 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 $4 \log_{10}(N)$ dB, where N = number of crackers joined together.
27. 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. अनुमतिधारी किसी भी प्रकार के अतिरिक्त शर्तों का प्रयोग नहीं करेगा। The licensee shall not exhibit, possess and sell fireworks of foreign origin.

For Joint Chief Controller of Explosives
Deputy, 8th, South Circle, Chennai

(विद्यार्थी के विषय 2020 की मापदंडों के अंतर्गत के अनुसार 30% से (ए) अधिक)

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

(ii) α is a positive integer and β is a positive real number such that $\alpha + \beta > 1$.

Licence to possess: (c) for 198 explosives of class 1, 2, 3, 4, 5 or 6 up to 7 in a magazine

заявлено (Лицензия №: Т/5С/КЛ/11/1446/179896)

Received 10 January 2003; accepted 10 February 2003
 Published online 10 April 2003 in Wiley InterScience (www.interscience.wiley.com). DOI: 10.1002/anie.200300010

1. Latency is highly attuned to

Dr. K. K. Subramanian, Managing Director (left) / Director, M. P. K. Subramanian Managing Director, Sri. Manoj Subramanyam & Co. Pvt. Ltd., Boring No. 4, Kovalur, Nethi, Karamandi Post, Palakkad Dist., Tamil Nadu - Karamandi Post, District PALAKKAD, Kerala, India - 676553

© 1999 Blackwell Science Ltd

systems at other States of Science Company

Copyright © 2002 by John Wiley & Sons, Inc.

License is valid only for the following purpose:

1. *Journal of Management Education* 30(1): 10-12

Exposure is defined for the following ketone and quantity of exposures: 1000 ppm

Sr. No.	Year and Description	Class & Division	Sub-division	Quantity at year end
1	Nitrate Maximum	2.0	0	150 Kg
2	Dolomite	0.3	0	1600 Nos
3	Antic Acid	0.1	0	550 Nos

© 2001 Blackwell Science Ltd *Journal of Internal Medicine* 250: 399–406

and the date of purchase to be purchased in a calendar month applicable for harvest under article 5(1) and (6).

4. *Streptococcus agalactiae* (Group B streptococcus) is a common cause of neonatal sepsis.

The insured promises shall conform to the following: (hereinafter)

4. *Geographical distribution of birds*: The observed species are situated at following stations:

Singer No. B-8; No. 1977, Black No. 14 - on Tower Village, Kansas (ex. Organism T)

Page 12 of 12

0.42 (P=0.002)

arxiv:1506.04984v1 [math.NA] 16 Jun 2015

The treated patients consist of following families

1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 26

This letter is given subject to the provisions of Expatriates Act 1834 as amended from time to time and the Expatriates Rules. It is granted there with and the conditions additional conditions and the following: *Allegiance*

- [illegible]

© 2010 by the author(s). All rights reserved. This manuscript shall remain the property of the publisher and shall not be distributed, reproduced, or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without permission in writing from the publisher.

[illegible]

This license is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this license as set forth under 394 V (3), where applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the place and/or license sought herein.

Page 1 of 1

संयुक्त मुख्य विचारधारा निर्देशिका | Joint Chief Executive Vision

Antyindicators :

- Amendment in Drawings/Facilities/Permisses dated 1/9/2017
- Amendment of Quantity of Explosives Monthly Purchase Limit dated 18/12/2017
- Amendment of Quantity of Explosives Monthly Purchase Limit dated 27/8/2018
- Amendment of Quantity of Explosives Monthly Purchase Limit dated 27/3/2019

Abstracts in this section are available
 Space for Enhancement of Reviews

Date of Renewal

Class of Engraving

Signature of scanning authority and stamp

1951/2:134

2/25/2011

Sd/-
Oy, Chief Controller of Explosives, Emsalem.

Statutory Warning : Mishandling and misuse of excludable shall constitute serious criminal offence under the law.

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.P.K.Subrahmanian, Managing Director, M/s. Marath Enterprises & Crushers Pvt.Ltd., Building No.4, Kuwait Building, Kottanadu Post, Palakkad Distt., Kerala 679533

Type of Structure(s)	Safety distances meters	
Inside Safety Distances(ISD)		
1 Room or Workshop used in Connection with the Magazine	M	1.81
2 Any other Explosives Magazine or store House or Factory of the Applicant	13	19
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		46
9 Private Road which is PRINCIPAL means of access to a Temple, Mosque, Church, Gurudwara or other places of worship, Hospital, College, School or Factory		
10 River Embankment or Sea Embankment or Public Well		
11 Reservoir or Bounded tank/rope way		
12 Windmill 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, Spirit, 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, Control of Explosives
South Circle, Chennai

Amendments :

- Amendment in Drawings/Facilities/Premises dated : 10/04/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 18/12/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 27/03/2018
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 27/03/2018

Amedment Covering Letter

Page 26

1. General Manager, PALAKKAD, Kerala with reference to his No. No. 04301D50055 dated 05/01/2014

Donnell Andrew Stone, 1986 Chief Cancellor of Officers, is shown at South Carolina Chapter.

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

The following are the conditions of licence number E/SC/KL/22/1666(E/79896) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form EE-3 (articles 3(b) to (c)) granted by Chief controller of Explosives or Controller of Explosives.

- 3/27/2018

2063 / 1/12 - DUP II



കേരളം KERALA

B 766224

FORM H
(See Rule 43)
QUARRYING LEASE

This deed of lease made on this the.....27th..... day of
.....September.....2017 between the Governor of Kerala (hereinafter
referred to as the "State Government" which expression shall, where the
context so admits be deemed to include his successors and assigns) of the
one part and M/s. Marath Enterprises & Crushers Pvt. Ltd.,
Amayur Post, Koppam, Palakkad District - 679 310 (Represented
by Managing Director, Shri. P. K. Subramanian, Son of
Kuttimon, aged 70 years, residing at Pulikkal House, Choondal

Lessor
K. K. SAJEEVAN
Geologist
District Office of the Department of
Mining and Geology, Palakkad
Pin-678 014.



Lessee
For M/s. MARATH ENTERPRISES
CRUSHERS PVT. LTD.
P. K. SUBRAMANIAN
(Managing Director)

No. 91453 DATE 26/09/17 VALUE Rs. 500

SOLD TO P.K. Subramanian
26/09/2017



Doc No. 2063/17 - pup. II

Presented in the office of the Sub Registrar
of Vilayur with the photograph and
thumb impression of the buyer / seller /
presentant affixed under section 32A and a
fee of Rs. 86998/-

paid at 2.10.17 on the 8th day of November 2017
by Pullikodan House
P.K. Subramanian

Pullikodan House

P.K. Subramanian

8th November 2017 Sub Registrar
Execution admitted by K. Krishnakumar

Pullikodan House

P.K. Subramanian

S/o. Kuttimon, choondal

For managing director of M/S. Manjath
Enterprises Enterprises Pvt. Ltd. Marathi

Identified by

ANDIKODAN HOUSE. A. J. PRIYAN S/O THANKAPPAN
BUSINESS, MARATHI.

Pullare kelappal Thodiyil Rajesh S/o Parthajashi Amma Document
Writer naduvattom

I have examined myself that the instrument duly signed
by P.K. Subramanian, 8th day, Dist. office of the department
ministry and 8th day, presented for and on behalf of the
owner of the land is exempted from personal appearance
in this office under section 2(1) of the Indian Registration Act

on the 8th day of November 2017 Sub Registrar
K. Krishnakumar

P.O., Choondal Village, Thalappilly Taluk, Thrissur District - 680 502) (hereinafter called the "lessee/lessees" which expression shall where the context so admits, include his/their heirs, executors, administrators, representatives and permitted assigns) of the other part.

Witnesseth that in consideration of the rents and royalties and lessee's/Lessees' covenants, hereinafter reserved and contained the State Government hereby give on lease to the lessee/lessees the land measuring **2.1224 hectares** described in the schedule hereunder and delineated on the plan hereto annexed and therein coloured red (hereinafter called the "said lands") to hold the same for a period of **Twelve (12)** years commencing from the 27.9.2017 and ending on the 26.9.2029 for the purposes of extracting minor mineral/minerals and subject to the terms and conditions contained in the Kerala Minor Mineral Concession Rules, 2015 (hereinafter referred to as "the Rules") and to the terms and conditions hereinafter appearing

1. The lessee/lessees shall have the right in and upon the said lands to extract Granite Building Stone (here in after called the said mineral/minerals) and to do all acts necessary for the extraction of the said mineral/minerals including the erection on the said lands, buildings and plant required for the purposes and also to take lead and carry away over the said lands and to dispose of the said minerals extracted as aforesaid.
2. The lessee/lessees shall during the subsistence of this lease have the liberty to work the said mineral/minerals and remove the same from the leasehold on permits issued by the State Government/competent authority or any other officer authorized by him in this regard. The permits shall be issued only on the basis of pre-paid royalty at the rates specified in Schedule I to these Rules. The royalty rates shall be subject to revision from time to time as the State Government may order.
3. The lessee/lessees shall pay to the State Government a yearly surface rent equal to the land revenue if any, assessable under the rules for the time being in force, or if the land be the property of Government or in reserve forest then equal to the land revenue plus cess, if any, per hectare of the land the surface whereof shall be occupied or used by the lessee/lessees for any of the purposes of this deed and so in proportion for any area less than one hectare. The said surface rent shall be paid by yearly payments; the first of such payments to be made on or before the last day of the first year of occupation provided always that no such rent shall be paid or demanded in respect of any roads or ways now in existence.

Lessor
K. K. SAJEEVAN
27/9/2017

Lessee

ENTERPRISES &

4. The lessee/lessees shall at all times during the currency of this lease keep correct and intelligible books of account showing accurately the quantity of the said minerals extracted and the weight and value of the said mineral sold or exported together with the names of the purchasers or consignees. The lessee shall also maintain a register of employees showing therein separately men, women employed daily and shall at reasonable times allow the competent authority appointed under the rules (hereinafter referred to as "competent authority") or the officer authorised by him to examine the said books of account and the register of employees and to take copies and extracts there from. The lessee/lessees shall submit reports in Forms F and G on the specified dates.
5. All sums found due under or by virtue of this deed from the lessee/lessees may be recovered from him jointly and severally from them and his/their properties movable and immovable under the provisions of the Revenue Recovery Act for the time being in force as though such sums are arrears of land revenue or in any other manner as the State Government may deem fit.
6. The lessee/lessees shall at the lessee's/lessees' own expense erect and at all times maintain and keep in repair boundary marks and pillars along the boundaries of the said lands according to the demarcation shown in the plan here to annexed.
7. The lessee shall not carry on or allow to be carried on any quarrying operations at or to any points within a distance of 100 metres from any railway line except with the previous written permission of the railway administration concerned and any bridge on National Highway or 50 metres from any reservoir, tanks, canals, rivers, bridges, public roads, other public works, residential buildings, the boundary walls of places of worship, burial grounds, burning ghats or one kilometer from the boundaries of National Park or Wildlife Sanctuaries except with the previous permission of the authorities concerned or the Government or competent authority.
8. The sides of open workings shall be sloped, stepped or secured by the lessee in such a manner as to prevent slope failure, when an open working is worked in steps, steps shall be of sufficient breadth in relation to their height to secure safety. In open workings trees liable to fall and all loose ground and material shall be removed by the lessee sufficiently far from the edge or otherwise made source in order to prevent danger to persons employed in the quarry.

Lessor

27/9/2017
K. K. SAJEEVAN
Geologist

Member of the Department of

Lessee

For M/S MARATH ENTERPRISES
PVT. LTD.

P. K. SUBRAMANIAN

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

Lessor
K. K. SAJEEVAN
Geologist
District Office of the Department of
Palakkad

Lessee
For M/S MARATH ENTERPRISES &
CRUSHERS PVT. LTD.
S. MANIAN

Government/competent authority may determine which shall be in accordance with the provisions of these rules.

16. If the lessee/lessees shall at any time during the said term use the said lands or any part thereof in any manner other than as authorised by this lease or fail to carry on quarrying operations continuously without sufficient cause of which the State Government/competent authority shall be the judge or shall commit a breach of any of the conditions of this lease it shall be lawful for the State Government/competent authority to cancel this lease and take possession of the said lands or the alternative to receive from the lessee/lessees such penalty not exceeding Rs. 25,000 (Rupees twenty five thousand only) for the breach as the State Government/competent authority may fix.
17. If at the expiration of three calendar months after the expiry of the lease or its sooner determination, there shall remain in or the said lands, any engines, machinery, plant buildings, structures and other works erections and conveniences the said minerals or other property which the lessee /lessees are entitled to remove from the said lands, the same shall, if not removed by the lessee/lessees within one calendar month after notice in writing requiring their removal be given to the lessee/lessees by the State Government/competent authority be deemed to become the property of the State Government in such manner as they may deem fit without liability to pay any compensation or to account to the lessee/lessees in respect thereof.
18. This lease subject to all rules and regulations which may from time to time be issued by the State Government regulating the working of the quarries and other matters affecting safety, health and convenience of the lessee's/lessees' employees or of the public, whether under the Indian Mines Act or otherwise.
19. The lessee/lessees shall without delay send to the District Collector and the competent authority or the officer authorised by him in this regard report of any accident causing loss of life or serious bodily injuries or seriously affecting or endangering life or property which may at any time occur at or in the said lands in the course of operations under this lease.
20. The lessee/lessees shall furnish such reports and returns relating to output, labourers employed and other matters as the State Government may prescribe.
21. The lessee/lessees shall make and pay such reasonable compensation as may be assessed by lawful authority in accordance with the law in force

Lessor
27/9/2017
K. K. SAJEEVAN
Geologist
District Office of the Department of
Palakkad

For M/S MARATH ENTERPRISES &
CRUSHERS PVT.LTD.

P. K. SUBRAMANIAN
(Managing Director)

on the subject for all damage, injury or disturbance which may be done by him/them in exercise of the powers granted by this lease and shall indemnify and shall keep indemnified fully and completely the State Government against all claims which may be made by any person or persons in respect of any such damage, injury or disturbance and all costs and expenses in connection therewith.

22. Any condition prescribed in the Kerala Minor Mineral Concession Rules, 2015 but left out in this lease which may be found applicable to the lessee / lessees shall be treated as binding on the lessee/lessees.
23. In this case anticipated royalty for the mineral at rate of Rs. 24/- (Rupees twenty four only) per ton for a period of one year is Rs. **10,32,000/- (Rupees Ten lakh and thirty two thousand only)**
24. Dead rent realized at the rate of Ist year – NIL IInd year - Rs. 300/- (Rupees three hundred only) and IIIrd year onwards - Rs. 1,200/- (Rupees one thousand and two hundred only) per hectare subject to revision from time to time. Surface rent at the rate of Rs 200/- (Rupees two hundred only) per hectare for **one year** is Rs. **424/-** (Rupees Four hundred and twenty four only) and security deposit is Rs **21,224/-** (Rupees Twenty one thousand two hundred and twenty four only)

SCHEDULE OF DESCRIPTION OF LAND

District : Palakkad
Taluk : Pattambi
Village/Amsom : Koppam
Survey No. of the Area : 369/2
Area in Hectares : 2.1224 Htr

R. Sy. Block No. 24, Old Sy. No. 261/3, 2, 4, 5, 260/5, 6, 7
as per Doc No 1011/2011 and 2147/2014 and as per

Bounded by Survey No:

Kerala Voluntary Ratification No 7464/17. Dated 23.1.17 and
7468/17 dated 7.1.2017

On the North by : Re Sy Nos. 369/1
On the East by : Re Sy Nos. 375
On the South by : Re Sy Nos. 370, 375
On the West by : Re Sy No. 368, 370

Lessor
K. K. SAJEEVAN
Geologist
District Office of the Department of
Mining and Geology, Palakkad
Pin-678 014.

For M/S MARETH ENTERPRISES &
CRUSHED PVT. LTD.
P. K. SUBRAMANIAN
(Managing Director)

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

Signed by..... *22/9/2017*
for and on behalf of the Governor of Kerala.

K. K. SAJEEVAN
Geologist

In the presence of District Office of the Department of
Mining and Geology, Palakkad
Pin-678 014.

- Sunil Kumar R*
(1) Asst. geologist
Mining & Geology dept, Palakkad
(2) *Vineet M. J.*
Asst. Geologist
Mining & Geology Dept. Palakkad

Signed by..... *P. K. SUPRAMANIAM*
CRUSHERS ENTERPRISES & CRUSHERS PVT. LTD.

for and on behalf of the lessees
In the presence of

- D. T. Priyan*
(1) D.T. PRIYAN S/O THAKRAPPAN, ANDIKOPAN HOUSE,
MAROTTICHAL- P.O. THRISSUR DISTRICT PIN 680014

- K. Sivadoss*
(2) K.SIVADOSS S/O GOPALAN NAIR, KUTTANIKKATHOUSE LAKKIDI(P.O)
PALAKKAD DT. PIN 679301

**PROCEEDINGS OF THE DISTRICT ENVIRONMENT IMPACT ASSESSMENT
AUTHORITY, PALAKKAD**

*(Present : Smt. P. Marykutty, IAS- Chirman & District Collector, Sri.S.Viajayan- Member
Secretary & Revenue Divisional Officer-I/C, Prof. Dr. A.V Santhoshkumar- Member, Sri.
Samuel Vanlalngheta Pachuau, Divisional Forest Officer- Member.)*

Sub : DEIAA, Palakkad – Environmental Clearance – The granite building stone quarry project
of Mr. Subramanyan, Koppam, Amayur P.O., Palakkad.

Environmental Clearance

No. E/2703/16/DEIAA

Dated : 29/07/2017

- Ref :
1. No. SO 190(E) dt: 20/01/16 of MoEF Government of India.
 2. Lr. No. LRG 5-2016/37766/9 dt: 17/06/2016, of District Collector, Palakkad.
 3. Lr. No. 4195/EC2/2015 SEIAA dt: 10/06/2016, 19/07/2016 of SEIAA, Palakkad.
 4. Online application filed by Mr. Subramanyan, Managing director, M/S MARATHI ENTERPRISES & CRUSHERS PVT LTD, Koppam, Amayur P.O., Palakkad.
 5. Minutes of DEAC meeting held on 26/05/2017.
 6. Minutes of DEIAA meeting held on 14/07/2017.

Environmental Clearance No. DIA/KI/PL/4/2017

Mr. Subramanyan, Koppam, Amayur P.O., Palakkad District Filed online application for getting Environmental Clearance for the Granite building stone quarry Project of Mr. Subramanyan having an extent of 2.1224 Hectares of land in Re- Survey Nos. 369/2, of Koppam Village, Pattambi Taluk, Palakkad.

After necessary verification done by Member Secretary, DEIAA, the application was forwarded to the District Expert Appraisal Committee (DEAC) for further necessary action. DEAC conducted site inspections on 21/04/2017 and 06/05/2017 and a meeting conducted on 18/05/2017. The DEAC recommended for issuance of Environmental Clearance for the Granite building stone quarry project of Mr. Subramanyan having an extent of 2.1224 Hectares of land in Re- Survey Nos. 369/2, of Koppam Village, Pattambi Taluk, Palakkad. The field inspection details of DEAC are given below-

“Field visit to the quarry project site of M/s Marathi Enterprises and Crushers Pvt Ltd, Amayur Post, Koppam, Palakkad District was carried out on 21/04/2017 by the

committee members of DEAC, Palakkad, comprising Sri. K.N. Sivadasan, Sri. P.T. Ambujakshan, Dr. R. Sunilkumar, Sri. K.K. Sajeevan and Sri. Muraleedharan K.B. The proponent with his representatives was present at the site at the time of site visit.

The project is located in Re. Survey Number 369/2 of Koppam Village, Pattambi Taluk, Palakkad District. This quarrying lease area of 2.1224 hectares of land found to have prominent exposure of Granite Building Stone covering most of the lease area. The applied area is virgin. The rock type is gneissic charnockite. Top soil thickness varies from 0.5 to 1mt. The top soil and overburden has to be stored in the designated place on the lower slope away from the working area. A minor Check dam should be constructed along the lower slope of the valley about 100 mts North of the applied area which should be used as a desiltation pond. No dwelling units are seen in the immediate vicinity. A buffer distance of more than 100 meter has been measured and marked from the nearest residential unit. The project is for quarry with crusher unit. The quarry will open up employment to the natives.

Based on an overall evaluation of the site quarry operations may be recommended with general conditions subject to the following specific conditions.

1. A mines manager shall be appointed to control, direct, manage, and supervise the quarrying operations as required under the Mines Act, 1952.
2. Health and Welfare measures for the persons employed shall be implemented.
3. Controlled blasting should be practised and blasting shall be done only during day time.

The mitigative measures for the control of ground vibrations to arrest the fly rocks and boulders should be implemented.

4. A rain water harvesting structure should be provided.
5. Plantation shall be done which includes a green belt of adequate width around the Mining Lease area excluding the rocky area, along roads, overburden dumps and non mineralized area by planting suitable native species in consultation with the local DFO/ Agriculture Department.
6. The drains should be regularly de silted and maintained properly. Check dam and

gully checks shall be constructed wherever required to arrest siltation. De siltation shall be also be done every year before the onset of monsoon.

7. Fencing must be maintained properly all around the lease area.
8. The CSR need redrafting with inclusion of felt needs of the locality.
9. Appropriate sign boards should be displayed.
10. The blasting time must be displayed and strictly adhered to.
11. Dust suppression mechanism must be in place.
12. A separate small plot to be maintained in the premise to preserve rare and endemic species, if any, listed in the biodiversity assessment etc.
13. The PPV values must be less than 10mm/sec.

The proponent Mr.Subramanyan, Koppam, Amayur P.O., Palakkad District has remitted the processing charge of Rs. 1,00,000/- (Rupees One Lakh Only) as per Chalan No.KL007142044201617M, dt:31/03/2017, Sub Treasury, Palakkad as online processing fee for Environmental Clearance in the name of O/o.Member Secretary, DEIAA, Palakkad (Head of Account-1425-00-501-99). Also the total amount of CSR activities (of 5 years) is Twelve Lakhs and Fifty thousand which needs to be redrafted as per specific condition No. 8. An affidavit has been filed to the effect that the quarry has not functioned since 06/12/2016.

The Clearance issued will also be subject to full and effective implementation of all the undertakings given in the application form, mitigation measures in the Environment Management Plan in Chapter II of the Pre- Feasibility Report and the mining features including progressive mine closure plan as submitted with the conditions and undertakings in mining, blasting, mine drainage, progressive mine closure plan of the Mining Plan as submitted will be deemed to be part of this proceedings as conditions as undertaken by the proponent, as if incorporated herein.

Validity of the Environmental Clearance will be five years the date of this clearance, subject to earlier review in the event of genuine complaint from anybody from the safety area or violation or non- compliance of the general and specific conditions has to be scrupulously followed.

Under the circumstances stated above, sanction is hereby accorded to Mr. Subramanyan, Managing director, M/S MARATH ENTERPRISES & CRUSHERS PVT LTD, Koppam, Amayur P.O., Palakkad District for the building stone quarry project of Mr. Subramanyan having an extent of 2.1224 Hectares of land in Re- Survey Nos. 369/2, of Koppam Village, Pattambi Taluk, Palakkad. EC will become operational only after fulfillment of all the pre- mining conditions.

Compliance of the conditions herein will be monitored by the Geologist, Palakkad.

1. 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.
2. Instances of violation if any shall be reported to the District Collector, Palakkad to take legal action under the Environment (Protection) Act, 1986 and Notification No. SO 637 (E) dated 28/02/2014 of the Ministry of Environment and Forest,

Government of India



Member Secretary(DEIAA) &
Revenue Divisional Officer-I.C.
Palakkad

To

Mr. Subramanyan, Managing director, M/S MARATH ENTERPRISES & CRUSHERS PVT LTD, Koppam Village, Pattambi Taluk, Palakkad District.

Copy to:

1. The Chairman, DEIAA & District Collector, Palakkad
2. The chairman, SEIAA
3. The Chairman, DEAC
4. The Tahsildar, Pattambi
5. Geologist, Palakkad
6. Village Officer, Koppam
7. Divisional Forest Officer, Palakkad(Member of DEIAA)
8. Dr. A.V. Santhoshkumar, Professor, Kerala Agricultural University (Expert Member of DEIAA)
9. Secretary, Amayur Grama Panchayath
10. Station House Officer, Pattambi

PUBLIC NOTICE

PUBLIC NOTICE

THIS IS TO INFORM THAT GENERAL PUBLIC THAT THE PROPOSED QUARRY PROJECT AT SURVEY NO 369/2 IN KOPPAM VILLAGE PATTAMBI TALUK (OLD TALUK OTTAPPALAM) PALAKKAD DISTRICT KERALA STATE BEING DEVELOPED BY M/S MARATH ENTERPRISES AND CRUSHERS PVT LTD KOPPAM AMAYUR POST PALAKKAD KERALA 679310 IS ACCORDED WITH ENVIRONMENTAL CLERANCE BY DISTRICT ENVIRONMENT IMPACT ASSESSMENT AUTHORITY PALAKKAD KERALA INDAVIDE THEIR NO DIA/KL/PL/4/2017 DATED 29/07/2017. A COPY OF ENVIRONMENTAL CLERANCE IS AVAILABLE WITH THE OFFICE OF THE ACCESSMENT AUTHORITY AND MAY BE SEEN ON THE WEBSITE OF THE AUTHORITY

www.environmentalclearance.ker.lk

PUBLIC NOTICE

PUBLIC NOTICE

THIS IS TO INFORM THAT GENERAL PUBLIC THAT THE PROPOSED QUARRY PROJECT AT SURVEY NO 303/3 IN KOPPAM VILLAGE PATTAMBI TALUK (OLD TALUK OTTAPPALAM) PALAKKAD DISTRICT KERALA STATE BEING DEVELOPED BY M/S MARATH ENTERPRISES AND CRUSHERS PVT LTD KOPPAM AMAYUR POST PALAKKAD KERALA 679310 IS ACCORDED WITH ENVIRONMENTAL CLERANCE BY DISTRICT ENVIRONMENT IMPACT ASSESSMENT AUTHORITY PALAKKAD KERALA INDAVIDE THEIR NO DIA/KL/PL/3/2017 DATED 29/07/2017. A COPY OF ENVIRONMENTAL CLERANCE IS AVAILABLE WITH THE OFFICE OF THE ACCESSMENT AUTHORITY AND MAY BE SEEN ON THE WEBSITE OF THE AUTHORITY

www.environmentalclearance.ker.lk

പൊതുജന ശ്രദ്ധക്ക്

പാലക്കാട് ജില്ലയിൽ പട്ടാമ്പി താലൂക്കിൽ (പഴയ ഒറ്റപ്പാലം താലൂക്ക്) കൊപ്പം വില്ലേജ് സർവ്വേ നമ്പർ 369/2ൽ പെട്ട 2.1224 ഹെക്ടർ സ്ഥലത്ത് ഒരു ക്വാറി പ്രവർത്തനം തുടങ്ങുന്നതിന് മാരാത്ത് എൻവയോൺമെന്റ് ആൻഡ് ക്രഷേഷൻ പ്രൈവറ്റ് ലിമിറ്റഡ് കൊപ്പം, ആമയൂർ പോസ്റ്റ്, പാലക്കാട്, കേരള 679 310 എന്ന സ്ഥാപനം പ്രൊപ്പോസ് ചെയ്തത് ഡിസ്ട്രിക്ട് എൻവയോൺമെന്റ് ഇംപാക്ട് അസ്സസ്മെന്റ് അതോറിറ്റി (DEAC) 29/07/2017 എന്ന തീയതിയിൽ നമ്പർ DIA/KL/PL/4/2017 ഉത്തരവ് നൽകിയിട്ടുണ്ട്. ആയതിന്റെ കോപ്പി DEAC വകുപ്പിന്റെ ഓഫീസിൽ ലഭ്യമാണ്. കൂടാതെ DEAC ന്റെ വെബ്സൈറ്റ് ആയ www.environmentclearance.nic.inലും ലഭ്യമാണ്.



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 01

Client Name & Address	Certificate No:	PL/RT/SD/4135/2020
Mr. P.K.Subramanyan Marath Enterprises Crusher's (P) Ltd Amayur P.O. Koppam, Palakkad, Kerala	Date of issue:	30/06/2020
	Date of monitoring	23/06/2020 12.00 Hrs to 24/06/2020 12.00 Hrs
	Monitoring Location	Quarry Owned by Mr. P.K.Subramanyan Marath Enterprises Crusher's(P) Ltd Sy.No.: 369/2 Taluk : Pattambi Village : Koppam Panchayath:Koppam District : Palakkad, Kerala
	Sample Description	Ambient Sound Level (Leq)
Monitoring Location	Monitoring Time	Results
Near north side boundary	12.00 Hrs	48.1 dB (A)
	13.00 Hrs	49.7 dB (A)
	14.00 Hrs	48.8 dB (A)
	15.00 Hrs	47.4 dB (A)
	16.00 Hrs	45.2 dB (A)
	17.00 Hrs	43.0 dB (A)
	18.00 Hrs	42.5 dB (A)
	19.00 Hrs	40.1 dB (A)
	20.00 Hrs	38.7 dB (A)
	21.00 Hrs	36.2 dB (A)
	22.00 Hrs	37.9 dB (A)
	23.00 Hrs	33.8 dB (A)
	00.00 Hrs	34.1 dB (A)
	01.00 Hrs	33.0 dB (A)
	02.00 Hrs	32.5 dB (A)
	03.00 Hrs	32.4 dB (A)
	04.00 Hrs	38.6 dB (A)
	05.00 Hrs	39.4 dB (A)
	06.00 Hrs	41.5 dB (A)
	07.00 Hrs	40.2 dB (A)
	08.00 Hrs	42.7 dB (A)
	09.00 Hrs	44.8 dB (A)
	10.00 Hrs	43.3 dB (A)
	11.00 Hrs	45.4 dB (A)
Leq (Day time)		47.6 dB (A)
Leq (Night time)		32.4 dB (A)

*End of the Report *

For Poluchem Laboratories (P) Ltd.

Authorized Signatory



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 01

Client Name & Address	Certificate No:	PL/RT/SD/4134/2020
Mr. P.K.Subramanyan Marath Enterprises Crusher's (P) Ltd Amayur P.O. Koppam, Palakkad, Kerala	Date of issue:	30/06/2020
	Date of monitoring	23/06/2020 12.00 Hrs to 24/06/2020 12.00 Hrs
	Monitoring Location	Quarry Owned by Mr. P.K.Subramanyan Marath Enterprises Crusher's (P) Ltd Sy.No.: 369/2 Taluk : Pattambi Village : Koppam Panchayath: Koppam District : Palakkad, Kerala
	Sample Description	Ambient Sound Level (Leq)
Monitoring Location	Monitoring Time	Results
Near east side boundary	12.00 Hrs	49.1 dB (A)
	13.00 Hrs	47.6 dB (A)
	14.00 Hrs	48.7 dB (A)
	15.00 Hrs	47.2 dB (A)
	16.00 Hrs	46.8 dB (A)
	17.00 Hrs	45.3 dB (A)
	18.00 Hrs	44.0 dB (A)
	19.00 Hrs	42.9 dB (A)
	20.00 Hrs	40.4 dB (A)
	21.00 Hrs	38.1 dB (A)
	22.00 Hrs	37.5 dB (A)
	23.00 Hrs	35.7 dB (A)
	00.00 Hrs	33.8 dB (A)
	01.00 Hrs	34.7 dB (A)
	02.00 Hrs	36.5 dB (A)
	03.00 Hrs	38.4 dB (A)
	04.00 Hrs	39.4 dB (A)
	05.00 Hrs	40.4 dB (A)
	06.00 Hrs	41.8 dB (A)
	07.00 Hrs	42.7 dB (A)
	08.00 Hrs	40.8 dB (A)
	09.00 Hrs	42.0 dB (A)
	10.00 Hrs	44.8 dB (A)
	11.00 Hrs	46.7 dB (A)
Leq (Day time)		48.8 dB (A)
Leq (Night time)		35.1 dB (A)

*End of the Report *

For Poluchem Laboratories (P) Ltd.

Authorized Signatory



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 01

Client Name & Address	Certificate No:	PL/RT/SD/4134/2020
Mr. P.K.Subramanyan Marath Enterprises Crusher's (P) Ltd Amayur P.O. Koppam, Palakkad, Kerala	Date of issue:	30/06/2020
	Date of monitoring	23/06/2020 12.00 Hrs to 24/06/2020 12.00 Hrs
	Monitoring Location	Quarry Owned by Mr. P.K.Subramanyan Marath Enterprises Crusher's (P) Ltd Sy.No.: 369/2 Taluk : Pattambi Village : Koppam Panchayath: Koppam District : Palakkad, Kerala
	Sample Description	Ambient Sound Level (Leq)
Monitoring Location	Monitoring Time	Results
Near east side boundary	12.00 Hrs	49.1 dB (A)
	13.00 Hrs	47.6 dB (A)
	14.00 Hrs	48.7 dB (A)
	15.00 Hrs	47.2 dB (A)
	16.00 Hrs	46.8 dB (A)
	17.00 Hrs	45.3 dB (A)
	18.00 Hrs	44.0 dB (A)
	19.00 Hrs	42.9 dB (A)
	20.00 Hrs	40.4 dB (A)
	21.00 Hrs	38.1 dB (A)
	22.00 Hrs	37.5 dB (A)
	23.00 Hrs	35.7 dB (A)
	00.00 Hrs	33.8 dB (A)
	01.00 Hrs	34.7 dB (A)
	02.00 Hrs	36.5 dB (A)
	03.00 Hrs	38.4 dB (A)
	04.00 Hrs	39.4 dB (A)
	05.00 Hrs	40.4 dB (A)
	06.00 Hrs	41.8 dB (A)
	07.00 Hrs	42.7 dB (A)
	08.00 Hrs	40.8 dB (A)
	09.00 Hrs	42.0 dB (A)
	10.00 Hrs	44.8 dB (A)
	11.00 Hrs	46.7 dB (A)
Leq (Day time)		48.8 dB (A)
Leq (Night time)		35.1 dB (A)

*End of the Report *

For Poluchem Laboratories (P) Ltd.

Authorized Signatory



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Client Name & Address		Certificate No:	PL/AMB/RT/4190/2020
Mr. P.K.Subramanyan Marath Enterprises Crusher's (P) Ltd Amayur P.O. Koppam, Palakkad, Kerala		Date of issue:	30/06/2020
		Date of monitoring	24/06/2020
		Monitoring Location	Quarry Owned by Mr. P.K.Subramanyan Marath Enterprises Crusher's(P)Ltd Sy.No.: 369/2 Taluk : Pattambi Village : Koppam Panchayath:Koppam District : Palakkad, Kerala
		Sample Description	Soil
Parameter	Test Method		Results
pH	IS 2720(Part25)-1973		5.64
Electrical Conductivity	IS 14767:2000RA2016		98 μ S/cm
Potassium as K	EPA 3050 B		36 mg/kg
Phosphorus as P	IS 10158 :1982 RA 2014		24 mg/kg
Nitrogen as N	IS 14684: 1999 RA 2014		87 mg/kg
Organic Carbon	IS2720(Part 22)-1972		0.84 %
Calcium	EPA 3050 B		54 mg/kg
Magnesium	EPA 3050 B		36 mg/kg
Chloride	UEPA9212		74 mg/kg
Sulphate	IS 2720 Part27:1977		121 mg/kg

For Poluchem Laboratories (P) Ltd.

Authorized Signatory.

End of the Report

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



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 01

Client Name & Address	Certificate No:	PL/RT/SD/4137/2020
Mr. P.K.Subramanyan Marath Enterprises Crusher's (P) Ltd Amayur P.O. Koppam, Palakkad, Kerala	Date of issue:	30/06/2020
	Date of monitoring	23/06/2020 12.00 Hrs to 24/06/2020 12.00 Hrs
	Monitoring Location	Quarry Owned by Mr. P.K.Subramanyan Marath Enterprises Crusher's(P) Ltd Sy.No.: 369/2 Taluk : Pattambi Village : Koppam Panchayath:Koppam District : Palakkad, Kerala
	Sample Description	Ambient Sound Level (Leq)
Monitoring Location	Monitoring Time	Results
Near West side boundary	12.00 Hrs	50.1 dB (A)
	13.00 Hrs	49.4 dB (A)
	14.00 Hrs	48.5 dB (A)
	15.00 Hrs	47.6 dB (A)
	16.00 Hrs	45.4 dB (A)
	17.00 Hrs	43.5 dB (A)
	18.00 Hrs	42.0 dB (A)
	19.00 Hrs	40.8 dB (A)
	20.00 Hrs	39.4 dB (A)
	21.00 Hrs	37.7 dB (A)
	22.00 Hrs	35.6 dB (A)
	23.00 Hrs	34.7 dB (A)
	00.00 Hrs	34.8 dB (A)
	01.00 Hrs	33.1 dB (A)
	02.00 Hrs	32.7 dB (A)
	03.00 Hrs	39.2 dB (A)
	04.00 Hrs	40.5 dB (A)
	05.00 Hrs	41.6 dB (A)
	06.00 Hrs	43.4 dB (A)
	07.00 Hrs	45.3 dB (A)
	08.00 Hrs	44.4 dB (A)
	09.00 Hrs	46.7 dB (A)
	10.00 Hrs	47.2 dB (A)
	11.00 Hrs	47.4 dB (A)
Leq (Day time)		49.6 dB (A)
Leq (Night time)		33.0 dB (A)

*End of the Report *

For Poluchem Laboratories (P) Ltd.

Authorized Signatory



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY
PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 01

Client Name & Address	Certificate No	PL/AMB/RT/4130/2020
Mr. P.K.Subramanyan Marath Enterprises Crusher's (P) Ltd Amayur P.O. Koppam, Palakkad, Kerala	Date of issue	30/06/2020
	Date of monitoring	23/06/2020 12.00 Hrs to 24/06/2020 12.00 Hrs
	Date of sample received	25/06/2020
	Date of analysis started	25/06/2020
	Monitoring location	Quarry Owned by Mr. P.K.Subramanyan Marath Enterprises Crusher's (P) Ltd Sy.No.: 369/2 Taluk : Pattambi Village : Koppam Panchayath: Koppam District : Palakkad, Kerala
	Sample description	Ambient air - Near east side boundary
	Sample code given by the client	Nil

PARAMETERS	TEST METHOD	RESULT	Limit as per NAAQS
Particulate Matter (PM ₁₀)	I S 5182 Part 23 2006RA2012	47.6 µg/m ³	100 µg/m ³
Particulate Matter (PM _{2.5})	CPCB	24.2 µg/m ³	60 µg/m ³
Sulphur dioxide	I S 5182 Part 2 2001 RA 2017	3.2 µg/m ³	80 µg/m ³
Nitrogen dioxide	IS 5182 Part 06 2006 RA2017	2.1 µg/m ³	80 µg/m ³

Note: NAAQS-National Ambient Air Quality Standards

End of the Report

The results are related only to the sample collected for analysis. This certificate shall not be reproduced except in full and without the written permission with authorized signatory.	For and on behalf of POLUCHEM LABORATORIES (P) LTD.  AUTHORIZED SIGNATORY
--	---



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 01

Client Name & Address Mr. P.K.Subramanyan Marath Enterprises Crusher's (P) Ltd Amayur P.O. Koppam, Palakkad, Kerala	Certificate No	PL/AMB/RT/4131/2020
	Date of issue	30/06/2020
	Date of monitoring	23/06/2020 12.00 Hrs to 24/06/2020 12.00 Hrs
	Date of sample received	25/06/2020
	Date of analysis started	25/06/2020
	Monitoring location	Quarry Owned by Mr. P.K.Subramanyan Marath Enterprises Crusher's (P) Ltd Sy.No.: 369/2 Taluk : Pattambi Village : Koppam Panchayath: Koppam District : Palakkad, Kerala
	Sample description	Ambient air - Near north side boundary
	Sample code given by the client	Nil

PARAMETERS	TEST METHOD	RESULT	Limit as per NAAQS
Particulate Matter (PM ₁₀)	I S 5182 Part 23 2006 RA 2012	48.1 µg/m ³	100 µg/m ³
Particulate Matter (PM _{2.5})	CPCB	22.6 µg/m ³	60 µg/m ³
Sulphur dioxide	I S 5182 Part 2 2001 RA 2017	4.1 µg/m ³	80 µg/m ³
Nitrogen dioxide	IS 5182 Part 06 2006 RA 2017	3.2 µg/m ³	80 µg/m ³

Note: NAAQS-National Ambient Air Quality Standards

End of the Report

The results are related only to the sample collected for analysis. This certificate shall not be reproduced except in full and without the written permission with authorized signatory.	For and on behalf of POLUCHEM LABORATORIES (P) LTD.  AUTHORIZED SIGNATORY
--	---



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 01

Client Name & Address Mr. P.K.Subramanyan Marath Enterprises Crusher's (P) Ltd Amayur P.O. Koppam, Palakkad, Kerala	Certificate No	PL/AMB/RT/4132/2020
	Date of issue	30/06/2020
	Date of monitoring	23/06/2020 12.00 Hrs to 24/06/2020 12.00 Hrs
	Date of sample received	25/06/2020
	Date of analysis started	25/06/2020
	Monitoring location	Quarry Owned by Mr. P.K.Subramanyan Marath Enterprises Crusher's (P) Ltd Sy.No.: 369/2 Taluk : Pattambi Village : Koppam Panchayath: Koppam District : Palakkad, Kerala
	Sample description	Ambient air - Near South side boundary
	Sample code given by the client	Nil

PARAMETERS	TEST METHOD	RESULT	Limit as per NAAQS
Particulate Matter (PM ₁₀)	I S 5182 Part 23 2006 RA 2012	43.9 µg/m ³	100 µg/m ³
Particulate Matter (PM _{2.5})	CPCB	18.4 µg/m ³	60 µg/m ³
Sulphur dioxide	I S 5182 Part 2 2001 RA 2017	3.7 µg/m ³	80 µg/m ³
Nitrogen dioxide	IS 5182 Part 06 2006 RA 2017	2.5 µg/m ³	80 µg/m ³

Note: NAAQS-National Ambient Air Quality Standards

End of the Report

The results are related only to the sample collected for analysis. This certificate shall not be reproduced except in full and without the written permission with authorized signatory.	For and on behalf of POLUCHEM LABORATORIES (P) LTD.  AUTHORIZED SIGNATORY
--	---



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 01

Client Name & Address Mr. P.K.Subramanyan Marath Enterprises Crusher's (P) Ltd Amayur P.O. Koppam, Palakkad, Kerala	Certificate No	PL/AMB/RT/4133/2020
	Date of issue	30/06/2020
	Date of monitoring	23/06/2020 12.00 Hrs to 24/06/2020 12.00 Hrs
	Date of sample received	25/06/2020
	Date of analysis started	25/06/2020
	Monitoring location	Quarry Owned by Mr. P.K.Subramanyan Marath Enterprises Crusher's(P) Ltd Sy.No.: 369/2 Taluk : Pattambi Village : Koppam Panchayath:Koppam District : Palakkad, Kerala
	Sample description	Ambient air - Near West side boundary
	Sample code given by the client	Nil

PARAMETERS	TEST METHOD	RESULT	Limit as per NAAQS
Particulate Matter (PM ₁₀)	I S 5182 Part 23 2006RA2012	45.2 µg/m ³	100 µg/m ³
Particulate Matter (PM _{2.5})	CPCB	17.6 µg/m ³	60 µg/m ³
Sulphur dioxide	I S 5182 Part 2 2001 RA 2017	4.2 µg/m ³	80 µg/m ³
Nitrogen dioxide	IS 5182 Part 06 2006 RA2017	3.6 µg/m ³	80 µg/m ³

Note: NAAQS-National Ambient Air Quality Standards

End of the Report

The results are related only to the sample collected for analysis. This certificate shall not be reproduced except in full and without the written permission with authorized signatory.	For and on behalf of POLUCHEM LABORATORIES (P) LTD.  AUTHORIZED SIGNATORY
--	---



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 01

Client Name & Address	Certificate No:	PL/RT/SD/4136/2020
Mr. P.K.Subramanyan Marath Enterprises Crusher's (P) Ltd Amayur P.O. Koppam, Palakkad, Kerala	Date of issue:	30/06/2020
	Date of monitoring	23/06/2020 12.00 Hrs to 24/06/2020 12.00 Hrs
	Monitoring Location	Quarry Owned by Mr. P.K.Subramanyan Marath Enterprises Crusher's (P) Ltd Sy.No.: 369/2 Taluk : Pattambi Village : Koppam Panchayath: Koppam District : Palakkad, Kerala
	Sample Description	Ambient Sound Level (Leq)
Monitoring Location	Monitoring Time	Results
Near south side boundary	12.00 Hrs	49.1 dB (A)
	13.00 Hrs	48.9 dB (A)
	14.00 Hrs	47.5 dB (A)
	15.00 Hrs	46.3 dB (A)
	16.00 Hrs	45.1 dB (A)
	17.00 Hrs	46.0 dB (A)
	18.00 Hrs	44.9 dB (A)
	19.00 Hrs	42.4 dB (A)
	20.00 Hrs	40.5 dB (A)
	21.00 Hrs	38.7 dB (A)
	22.00 Hrs	37.7 dB (A)
	23.00 Hrs	35.5 dB (A)
	00.00 Hrs	33.2 dB (A)
	01.00 Hrs	35.4 dB (A)
	02.00 Hrs	37.6 dB (A)
	03.00 Hrs	39.4 dB (A)
	04.00 Hrs	40.9 dB (A)
	05.00 Hrs	41.0 dB (A)
	06.00 Hrs	42.4 dB (A)
	07.00 Hrs	43.5 dB (A)
	08.00 Hrs	45.7 dB (A)
	09.00 Hrs	44.7 dB (A)
	10.00 Hrs	42.8 dB (A)
	11.00 Hrs	43.4 dB (A)
Leq (Day time)		45.5 dB (A)
Leq (Night time)		33.1 dB (A)

*End of the Report *

For Poluchem Laboratories (P) Ltd.

Authorized Signatory

PLATE
(Specific Condition)



Annexure S-4: Rain Water harvesting pond



Plate S-6: Garland drains.



Plate S-7: Fenced



Plate S-9: Display appropriate sign boards

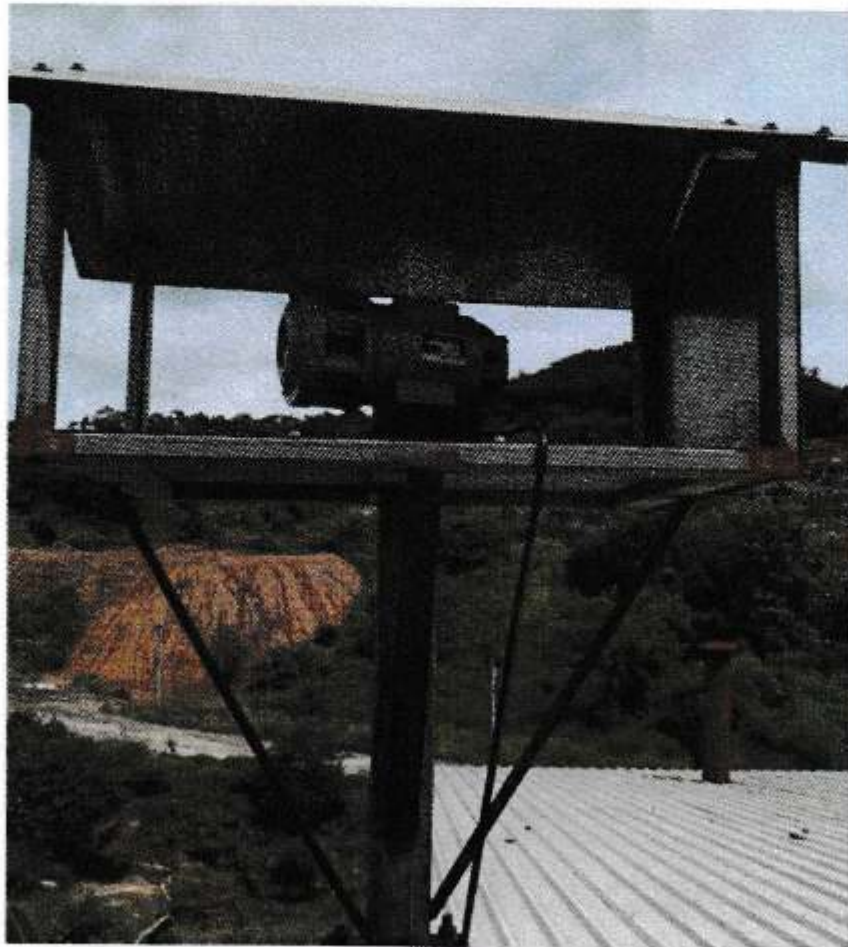


Plate S-9: Display Blasting Time board with Siren



Plate S-10: Sprinklers

(General Condition)



Plate G-1: Rain water harvesting pond



Plate G-5: Sprinklers



Plate G-9: Fenced with barbed wire



Plate G-10: Display blasting Time board



Plate G-12: Display Working Time board



Plate G-15; Access road to the quarry.



Plate G-16: Overburden is stacked



Plate G-17: Mining bench's



Plate G-19: Mining depth not below general ground level



Plate G-19: Mining depth not below general ground level



Plate G-22: workers with protective equipments



Plate G-23: Garland drains.



Plate G-24: Transportation of materials in covered truck



Plate G-25: Sapling Photos



Plate G-27: Magazine



Plate G-27: Magazine



Plate G-38: display EC details board



Plate G-38: display EC details board



Plate G-57: mining depth not intersect ground water table