

COMPLIANCE REPORT

APRIL 2020 – SEPTEMBER 2020

(QUARRY PROJECT)

SRI. GEORGE KOCHUPARAMBIL
IDUKKI DISTRICT
KERALA



United Granites & Metals
Vazhithala P O, Thodupuzha, Kerala, India

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Dt.10-11-2020

The Additional Principal Chief Conservator of Forests (C)
Ministry of Environment, Forests & Climate Change,
4th Floor, E& F Wing, Kendriya Sadan,
Koramangala, Bangalore - 560034

Ref :- File No. 1137/EC/SEIAA/KL/2017

**Sub :- Environment Clearance – Quarry project at Manakkad
Village, Thodupuzha Taluk, Idukki District, Kerala – Compliance
Report – First half - Reg.**

Respected Sir,

The Quarry (Building stone) project was accorded Environmental Clearance for **12.2987 Ha.** by order No. **1137/EC/SEIAA/KL/2017** dated 17-03-2018 by State Environmental Impact Assessment Authority, Kerala. The compliance report of **First half** (April 2020 – September 2020) to the specific and general conditions of the Environment Clearance order is enclosed.

Thanking you,

Yours respectfully,
For M/s UNITED GRANITES AND METALS

Mr. GEORGE KOCHUPARAMBIL



Copy to:-

- 1. The Member Secretary
State Environment Impact Assessment Authority (SEIAA),
Thiruvananthapuram, Kerala.**

Encl: - As Above



**COMPLIANCE REPORT
TO
THE CONDITIONS
OF**

**ENVIRONMENTAL CLEARANCE ORDER
NO: 1137/EC/SEIAA/KL/2017
DATED: 17.03.2018**

**BY
STATE ENVIRONMENT IMPACT ASSESSMENT
AUTHORITY (SEIAA), KERALA
FOR
BUILDING STONE QUARRY
(MINOR MINERAL MINING) PROJECT**

**AT
MANAKKAD VILLAGE, THODUPUZHA TALUK,
IDUKKI DISTRICT
KERALA**

**BY
SRI. GEORGE KOCHUPARAMBIL
M/S UNITED GRANITES AND METALS
IDUKKI DISTRICT, KERALA**

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INTRODUCTION

The quarry project of **George Kochuparambil** is situated at survey No. 354/4, 354/5, 355/1 pt, 351/1 pt, 350, 352/1pt, at Manakkad Village, Thodupuzha Taluk, Idukki District, Kerala

The quarry project was accorded with environmental clearance by State Environmental Impact Assessment Authority on 17-03-2018. As part of general condition No.37 of Environmental Clearance order, half yearly compliance report needs to be submitted by the project proponent. The first half Compliance report to the specific conditions and general conditions of the Environmental Clearance order for the period of **April 2020 – September 2020** is being submitted.

BRIEF OF THE PROJECT

PROJECT DETAILS	
File No.	1137/EC/SEIAA/KL/2017
Name /Title of the project	Quarry (Minor Mineral) project of Mr. George Kochuparambil
Name and address of project proponent.	Mr. GEORGE KOCHUPARAMBIL Kochuparambil House, Vazhithala P.O., Thodupuzha, Idukki, Kerala-685583. E-mail :- unitedgranitesandmetals@gmail.com
Owner of the land	Private own land
Survey No. District/ Taluk/ and Village etc.	Re-Survey No. 354/4, 354/5, 355/1pt., 351/1pt., 350, 352/1pt., Manakkad Village, Thodupuzha Taluk, Idukki District, Kerala
Category/Sub Category and Schedule	Category B / B2 & Schedule 1(a)
Brief description of the project.	The building Stone Quarry (Minor Mineral) mining project of Mr. George Kochuparambil is situated at Re-Survey No. 354/4, 354/5, 355/1 pt., 351/1pt., 350, 352/1pt., Manakkad Village, Thodupuzha :Taluk, Idukki District, Kerala for an area of 12.2987 hectares. The land for the proposed quarry is private owned land and the land is possessed in the name of Mr. George Kochuparambil. The targeted production of mine will be 4,00,000 MTA. The estimated project cost will be Rs. 12 Crores. The expected life of mine estimated will be of about 16 years. The mining operation will be carried out by opencast semi-mechanized method as per the approved Mining
GPS Co-ordinate	Latitude (N) = 09°53'32.72"N to 09°53'48.09"N Longitude(E) = 76°38'21.51"E to 76°38'36.07"E
Details of Authorized Signatory and address for correspondence	Mr. GEORGE KOCHUPARAMBIL Kochuparambil House, Vazhithala P.O., Thodupuzha, Idukki, Kerala-685583. E-mail :- unitedgranitesandmetals@gmail.com
LAND DETAILS	
Extent of area in hectares	12.2987 hectare
Is the property forest land/ Govt. land/own land/patta land	Private own land

**COMPLIANCE REPORT
(SPECIFIC CONDITIONS)
PART A**

PART – B – GENERAL CONDITIONS

01	If any rare, endemic and threatened plant species are noticed, they shall be properly protected insitu or transplanted to a suitable site inside the lease area.	Noted
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Compliance:

The project proponent had conducted a bio diversity study and submitted the report at State Environmental Impact Assessment Authority (SEIAA), Kerala. The identified species of endemic will be properly protected. The project proponent has been planting various species of plants in the proposed project.

**COMPLIANCE REPORT
(GENERAL CONDITIONS)
PART B**

PART – B – GENERAL CONDITIONS

01	Rain Water Harvesting capacity should be installed as per the prevailing provisions of KMBR / KPBR, unless otherwise specified.	Complied
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Compliance:

In order to collect rainwater during the time of monsoon season all runoff from the quarry site is collected at the mined out pit. The project proponent has developed three rain water harvesting ponds in the project site. The water from pond is mainly used for domestic purposes, plantation, wetting of roads and splashing of water for contain dust emission. The photograph showing the rain water collection pond in the project area is attached in **Plate No.1**.

02	Environment Monitoring Cell (EMC) as agreed under the affidavit filed by the proponent should be formed and made functional.	Complied
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Compliance:

To monitor and evaluate the works done under the conditions stipulated in the EC order, the project proponent formed an Environmental Monitoring Cell (EMC) with Mr. Sonu Jose as head of the monitoring cell. The EMC meeting convenes regularly for a sustainable environment. The details of the monitoring cell are given below in the **Table No.1**. The EMC minutes report is attached as **Annexure No. 6**. The NABET accredited consultant helps the company to upkeep the environment friendly mining.

Table 1 - Environmental Monitoring Cell (EMC)

Sl. No.	Post	Name
1.	Head of monitoring cell	Sri. Sonu Jose
2.	In charge	Mr. Baby P Poullose
2.	Member	Mr. Joseph K Y
3.	Member	Mr. Prasanth PP
4.	Member	Mr. Jomy joy
5	Member	Mr. John Peter

03	Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, inclusive of approach road and internal roads.	complied
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Compliance:

To enrich vegetation and prevent air pollution, the proponent haveplanted nearly 600 saplings as trees along either side of the roads, parking area and other areas in the project land. There are natural vegetations including trees, shrubs, herbs and climbers also present in the project area. Photographs of avenue trees planted in the road side are given in **Plate No. 2**. Plants bill is attached as **Annexure No. 9**.

04	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Complied
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Compliance:

The project proponent has installed solar street lights in the project site for the external lighting purpose in the haul road as well as workers residential areas. The project proponent also installed water geysers with solar panels at the canteen and worker's rest house to use maximum renewable energy to reduce electrical consumption from KSEB. As part of this, the project proponent could reduce the use of energy from conventional sources.

05	Sprinklers shall be installed and used in the project site to contain dust emissions.	Complied
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Compliance:

To prevent dust emission, sprinklers are installed in the project site. In order to reduce dust emissions from the road while transportation of materials, the project proponent is spraying water on roads during summer season at regular intervals. Photograph of Effective use of sprinklers is shown in **Plate No. 3**. Water sprinkling is done before blasting and also after blasting to reduce dust generation. The Photograph of the same is provided at **Plate No.4**

06	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	Noted
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Compliance:

As part of eco restoration, the project proponent has started to plant various saplings within the project area. The project proponent have planted 600 various trees in the project site. The mine closure plan will be done at own cost of project proponent as agreed in the proposal. The photograph of plantation is attached as

Plate No. 13

07	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with indigenous plant species that are eco-friendly, if no other specific condition on reclamation of pit is stipulated in the EC.	Noted
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Compliance:

The project proponent is intending to retain 10 percent of total excavated pit as rain water storage area after closure of the mine. The remaining area will be reclaimed with stacked dumping of overburden and top soil. As part of its eco – restoration plan, the project proponent will plant indigenous plant species that are eco – friendly on the reclaimed area.

08	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.	Complied
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Compliance:

The project proponent has carried out many activities under Corporate Social Responsibility (CSR)/ Corporate Environmental Responsibility (CER). The main activities were in the sectors like education, health care, Environment sustainability etc. The detail of CSR provided in the period is mentioned in the **Table No.2**. The Copy of Receipts/ bills are attached as **Annexure No. 13**

Table No.2 – CSR/CER Details

Sectors	Activities	Beneficiaries	Amount spent in Rs.
Health	Medical Aid	Anoop M.N	100000
	Medical Aid	Sanju Saji	3000
	Medical Aid	Palliative care	192000
	Medical Aid	Achamma Joseph	2000
Infrastructure Development	Maintenance Work	Chackochan Mudakkuilil	4725
	House Construction	Shabeer Madathiparambil	5828
	House Construction	Joy Muthuplackal	6615
Social welfare	Supplying beds to Quarantine Center	Purapuzha Grammapanchayat	25000
	Food Supply(During Lock Down Period)	Manakkad Grammapanchayat	427134
	Donation to CMDRF	Used for relief purposes(Covid - 19 and Flood 2018 & 2019)	750000
	Covid-19 TV challenge	District Industries Center	11600
	Covid-19 TV challenge	Kerala Gazetted Officers Association	13500
	Donation	Assisi Snehasramam	76933
	Donation	Travancore Sports Centre	35000
	Skill Development	Donation	Souharda Arts & Sports club
Total			16,63,035

09	The lease area shall be fenced off with barbed wires to a maximum height of 4ft around, before starting of mining. All the boundary	Complied
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	indicators (boards, stores, markings etc) shall be protected at all times and shall be conspicuous.	
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Compliance:

As part of demarcation of lease area and to prevent falling of animals/human being/dumping of garbage etc, the project proponent has erected barbed metal wire fencing around the mining area with height of 4 ft before the starting of mining. All the boundary indicators are protected at all times and clearly visible at any time in a notifiable way. Photograph of Fencing is attached as **Plate No. 5**. Photograph of Signboard is shown in **plate No. 6**.

10	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.	Complied
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Compliance:

As per the stipulation of Explosive department, the project proponent has installed warning alarms(Siren) in the quarry site. This siren is blown before blasting and after blasting. The blasting timings are displayed in the prominent area by way of caution board.

11	Control measures on noise and vibration prescribed by KSPCB should be implemented.	Complied
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Compliance:

To reduce noise level in the project site, the project proponent has implemented mitigate measures. The major noise generating sources from the mining activity is working machineries, drilling, blasting and plying of vehicles. The following control measures are undertaken to bringing down the noise levels:-

- Proper maintenance of machinery and equipments
- The machineries like rock breaker and excavator has well sound proof cabin so that the machine operators can work without stress due to the sound.
- Personal protective devices i.e., earmuffs, ear plugs etc. are provided to workers working in high noise areas.

- The mining activity held in day time only.

Blast vibrations and control measures

- ❖ Controlled blasting technique is adopted in this project in order to reduce blast vibrations.
- ❖ The maximum charge per delay is not more than 10kg to limit the PPV values to 10mm/sec.
- ❖ Optimum delay sequence and stem to column ratio is maintained to minimize the ground vibration intensity.
- ❖ The project proponent has appointed qualified persons to monitor the mining operations

12	Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.	complied
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Compliance:

Quarrying activities are limited to day time only as per KSPCB guidelines. This will help to limit the sound pollution.

13	Blasting should be done in a controlled manner as specified by the regulations of explosives department or any other concerned agency.	Complied
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Compliance:

The blasting is done in controlled manner. All holes are blasted using Nonel. Delays are also used. All blasting activities are carrying out with the specified regulations of explosive department. All blasting are under careful supervision of qualified persons.

14	A licensed person should supervise/control the blasting operations.	Complied
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Compliance:

The project proponent has appointed Sri Amruthkumar V, Manjunatha Y Jagatap, Baby P Poulouseas licensed persons in the project site for supervise/control exploitation of minor minerals including blasting at the project site.

15	Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.	Complied
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Compliance:

To contain dust emissions and for the trouble free transportation of materials, the project proponent maintain the access road from the entrance of project site to quarry in good manner. The project proponent sprinkles water on the road to arrest the dust emission. Photograph of Access Road is attached as **Plate No.7.**

16	Overburden materials should be managed within the site and used for reclamation of mine pits as per mine closure plan/ specific conditions.	Complied
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Compliance:

The overburden and topsoil need to extract during the time of mining, these natural resources are stored at designated place within the project site. This will be used to restore the exploited area in future. OB dump is attached as **Plate No. 8.**

17	Height of the benches should not exceed 5m, and width should not be less than 5m, if there is no mention in the mining plan/specific conditions.	Being complied
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Compliance:

The quarrying activity in the project site is progressing by creating benches of 5m width and 5m height. The formation of benches is under the direction and supervision of competent person. Photograph of Benches is attached as **Plate No. 9.**

18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	Noted
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Compliance:

The project proponent is using Nonel delay detonators for blasting therefore there is no incident of fly rock falling beyond 100 metres. The project proponent is

also assuring the maximum PPV is under 10 during the time of blasting. The project proponent is using blasting mats covering the blast area during blasting time.

19	Maximum depth of mining from general ground level at site shall not exceed 10m.	Complied
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Compliance:

The project proponent is following the approved mining plan for the exploitation of building stone. Therefore mining depth does not exceed beyond 10 meter or not below the level of the nearest stream bed, whichever is less.

20	No mining operations should be carried out at places having a slope greater than 45 ⁰ .	Noted
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Compliance:

No mining operation is carried out with a slope greater than 45⁰.

21	Acoustic enclosures should be provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.	complied
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Compliance:

To reduce the impact of sound to the labours in the unit, the project has provided ear plugs. The crushing plant is enclosed in an acoustic enclosure. Vegetation around the mining area will help to reduce noise and air pollution. This helps the noise level kept within prescribed standards. The project is trying to enhance the vegetative cover by planting more tree saplings.

22	The workers on the site should be provided with the required protective equipments such as ear muffs, helmet, etc.	complied
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Compliance:

To ensure the safety of workers in working site the project proponent has provided adequate Personnel Protective Equipments (PPE) such as helmets, safety shoes, ear plugs, safety belts, gloves, etc.

23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Complied
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Compliance:

The project proponent ensured that all storm water from the mining area is flowing in to the pond created at mining area. The project proponent has constructed drains with clarifiers in the lower slopes of the project area for storm water management. The clarifiers prevent the quarry wastes entering in to the public stream. Photograph of drainage is attached as **Plate No. 10**

24	The transportation of minerals should be done in covered trucks to contain dust emissions.	complied
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Compliance:

The project proponent assure that the trucks are covered to avoid dust emission from the vehicle while transportation of materials.

25	The proponent should plant trees at least 5 times of the loss that has occurred while clearing the land for the project.	Being complied
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Compliance:

The project proponent started to plant various saplings in the project area as a compensation of loss of trees while the project is clearing the land for mining.

26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Noted
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Compliance:

A portion of spent oil is being used as lubricant in the project site. The excess used oil sold only to the approved recyclers

27	Explosives should be stored in magazines in isolated place specified and approved by the explosives department.	complied
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Compliance:

As part of safety, Explosives are stored in magazine. The magazine situated in an isolated place specified and approved by the explosives department. The area surrounded to the magazine is fenced with barbed metal wire.

28	A minimum buffer distance of 100m meter from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided.	complied
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Compliance:

To reduce the adverse impact on community life, the norms of Kerala State Pollution Control Board regarding the distance criteria of residences, roads, rivers and worship places is adhered by the project. The distance of the nearest house is 220meters form the quarry.

29	100 m buffer distance should be maintained from forest boundaries.	Noted
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Compliance:

Not applicable. There is no forest near to the project site.

30	Consent from Kerala Pollution Control Board under Water and Air Act(s) should have been obtained before initiating activity.	Complied
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Compliance:

The project proponent has obtained consent from KSPCB under Water and Air Act(s). The copy of certificate of “*Consent to Operate*” (Renewal) from Kerala State Pollution Control Board is provided in **Annexure No.1**.

31	All other statutory clearances should have been obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.	Complied
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Compliance:

The certificates obtained from concerned statutory authorities are enclosed in **Annexure No.1, 2, 3, 4& 5**.

TABLE NO.3 – DETAILS OF APPROVALS OBTAINED

Name of the Statutory approval	Name of the Statutory authority
“ <i>Consent to Operate</i> ”	Kerala State Pollution Control Board State
Environmental Clearance order	Environmental Impact Assessment Authority, Kerala
Explosive License	Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)
License for quarry operations	Gram Panchayath
Lease order	Directorate of Mining and Geology
Permission to deploy HEMM	DGMS

32	In the case of any change(s) in the scope of the project, extent quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which only the EC is issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority.	Noted
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Compliance:

In case of any change(s) in the scope of the project, the proponent will apply for fresh appraisal to get the Environmental Clearance.

33	The Authority reserves the right to add additional safe guard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted
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Compliance:

To enhance environmental sustainability and conserve natural resources, the project proponent is willing to add all possible additional safe guard measures subsequently if the authority found necessary.

34	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981, The Environment (Protection) Act, 1986, the public liability (Insurance) Act, 1991 and EIA notification, 2006.	Noted
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Compliance:

The stipulated orders and directions under different act and notification including EIA notification will be scrupulously followed. A brief list of various Acts and notifications which are followed by the proponent is given below

- Kerala Minor Mineral Concession Rules, 2015.
- Mines Act, 1952
- Explosive Rules, 2008
- Kerala Panchayat Raj Act, 1994
- Water Pollution (Prevention & Control) Act, 1974
- Air Pollution (Prevention & Control) Act, 1981
- Environment Protection Act, 1986

- EIA Notification, 2006 / 2009
- The Kerala Promotion of Tree Growth in Non-Forest Areas (Amendment) Act, 2007.

35	The project proponent should advertise in at least two local news papers widely circulated in the region, one which (both 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 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 the copy of the same signed in all pages should be forwarded to the office of this authority as confirmation.	Complied
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Compliance:

An advertisement in two local newspapers regarding Environmental Clearance accorded to the quarry project was given within the stipulated period and the copy of the same was submitted at SEIAA Kerala. The copy of the advertisement given in two local newspapers is provided at **Annexure No.8**. The details of the news papers are given in the Table

Table No.4- Details of advertisement in news papers

Sl. No.	News paper	Language	Date of edition
1	Kerala Kaumady	Malayalam	12-04-2018
2	The Hindu Daily	English	12-04-2018

36	A copy of the clearance letter shall be sent by the proponent to concerned Grama/District Panchayath / 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.	Complied
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Compliance:

As per the condition stipulated in the Environmental Clearance order, a copy of the environmental clearance letter was submitted to Grama Panchayat office. There were no suggestions/representations received while processing the proposal.

37	The proponent shall submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also to the State Environment Impact Assessment Authority (SEIAA) office.	complied
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Compliance:

The compliance report is being submitted along with the results of monitored data to the State Environmental Impact assessment Authority and the Regional Office of MoEF&CC, Bangalore as Email. The monitored data of Air, Water and Noise is attached as **Annexure No. 10, 11 &12**

38	The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3ft with green background and yellow letters of Times New Roman font of size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.	complied
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Compliance:

The detail of the Environmental Clearance has display on metallic board in the project site. The metallic board installed as specified in the conditions of Environmental Clearance order. Photograph of Metallic board and Sign board with extent of lease area is shown in **plate No. 11.**

39	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all	Complied
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	the conditions stipulated in the EC shall be scrupulously followed.	
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Compliance:

An assurance in the form of affidavit was already submitted to SEIAA Kerala. The copy of the same is attached as **Annexure No.7.**

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.	Noted
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Compliance:

At present, the project proponent is not intending to expand the area of mine, technology and scope of working. The project proponent will appear SEIAA for Environment Clearance if the project proponent wants to expand its scope. The mining is progressing as per submitted plan.

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

There is no such natural water course or "thodu" is flowing along the project site. The project proponent will ensure the natural runoff of storm water. No stream is originating from the lease area.

42	Monitoring of Ambient air Quality to be carried out based on the notification 2009, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places loading and un loading points & transfer point to reduce fugitive emissions.	Complied
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Compliance:

The project proponent has monitored the ambient air quality as per National Ambient Air quality Standard (NAAQS). The project proponent is sprinkling water at loading point after each blast, on the roads and at unloading points. The crushing plant is equipped with water sprinklers at appropriate points. This activity reduces the fugitive emission of dust.

<p>43</p>	<p>The top soil, if any, shall be temporarily stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The Over Burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.</p>	<p>complied</p>
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Compliance:

The natural resources ie, top soil and overburden is stacked in a designated place within the project site. Only topsoil will be used for plantation. Overburden will be used for landfill and to construct haulage roads in the mining area. The excess will be stored in a designated place as per the direction of State Environment Impact Assessment Authority (SEIAA). The Environment Monitoring Cell will monitor the execution of eco restoration.

<p>44</p>	<p>Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc., The</p>	<p>Complied</p>
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	drains shall be regularly de silted particularly after monsoon and maintained properly.	
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Compliance:

The project proponent has constructed effective garland drains to catch all the storm water during the time of monsoon season. These channels will be directed to the rain water collection pond. All sediments and silts will be settled at the bottom of the pond and only cleared water let out. The water from the pond is used for sprinkling of water on roads and for the overhead mist lines to arrest the dust emission.

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 PM ₁₀ and PM _{2.5} , such as haul road, loading and unloading points and transfer points – it shall be ensured that the Ambient Air Quality Parameters conform to the norm prescribed by the Central Pollution Control Board in this regard.	Being complied
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Compliance:

The project proponent is regularly spraying water in critical areas prone to air pollution with the help of vehicle and sprinklers. The project proponent will increase the number of sprinklers in critical area to reduce the dust emission such as loading and unloading points, haul roads and transfer points.

46	Fugitive dust emission from all the sources should be controlled regularly. Water spraying arrangements on haul roads, loading and unloading and at transfer point should be provided and properly maintained.	Complied
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Compliance:

The project proponent splashes water in critical area to reduce the dust emission such as loading and unloading points, haul roads and transfer points. The sprinklers and vehicle for water spraying are properly maintained.

47	Measures should be taken for control of noise levels below 85 dBA in the work environment.	Being complied
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Compliance:

The noise level from all these activities will not go beyond 85dBA. The main sound generating activities are the operation of jack hammer, breaker, vehicles and blasting. The project proponent will take appropriate action to reduce the sound by employing possible measures. These are mentioned under the condition number 11.

48	A separate Environmental Management Cell with suitable qualified personal should be set up under the control of a senior executive, who will report directly to the Head of the Organization.	Complied
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Compliance:

To monitor all conditions stipulated in the Environment Clearance and environment Management Plan, the project proponent has constituted an Environment Monitoring Cell with Mr. Sonu Jose as the head of the Cell.

49	The funds earmarked for environmental protection and CSR activities should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the State Environment Impact assessment authority (SEIAA) office.	Being complied
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Compliance:

The project proponent executes many activities under Corporate Social Responsibility (CSR) for community development. To implement these activities in a good manner, the project proponent will open an account for keeping the funds earmarked for environmental protection and CSR.

50	The Regional Office of MoEF &CC located at Bangalore shall monitor compliance of the stipulated conditions. The project	Noted
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	authorities should extend full cooperation to the officer(s) of the regional Office by furnishing the requisite data/information/monitoring reports.	
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Compliance:

The project proponent will extent all possible cooperation to the officers form regional office of MoEF & CC and can produce all data/information/reports when they are asking for.

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.	Noted
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52	Concealing the factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted
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53	The SEIAA may revoke or suspend the order, for non implementation of any of the specific or this implementation of any of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Noted
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Compliance:

The project proponent has been implementing conditions stipulated in this Environment Clearance order. The project proponent can execute all possible measures in the project site for the conservation of environment.

54	The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.	Noted
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Compliance:

The project proponent is giving priority to the conditions stipulated in the Environment clearance Order for its execution.

55	This order is valid for a period of 5 years or the expiry date of mine lease period issued by the Govt. of Kerala, whichever is earlier.	Noted
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56	The environmental clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.	Noted
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57	The mining operation shall be restricted to above ground water table and is should not intersect ground water table.	Will be complied
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Compliance:

The project proponent will restrict its mining operations above the ground water table.

58	All vehicle used for transportation and within the mine shall have "PUC" certificate from authorized pollution taking center. Washing of all vehicles shall be inside the lease area.	Complied
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Compliance:

As part of reduce air pollution, the project proponent has monitoring the pollution level of all vehicles playing in the project site. This monitoring will conducted only in authorized pollution checking center.

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.	Noted
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Compliance:

At present, the need of prior approval is not necessary to draw ground water and surface water for the project.

60	Regular monitoring of flow rates and water quality upstream and down streams of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly report to SEIAA.	Noted
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Compliance:

There is no stream or springs flowing in and around to the mine lease area. The project proponent installed de siltation trap and other mechanism to prevent sediments and wastes from the mining area to the public drainage system.

61	Occupational health surveillance programe of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Complied
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Compliance:

The project proponent conducted occupational health surveillance program for the labours working in mining area.

PLATES

Plate No. 1



Rain water harvesting pond

Plate No.2



Trees along road side

Plate No. 3



Water tank with sprinkler



**Water mist sprinkler
Plate No.4**





Water sprinkling before blasting and loading

Plate No.5





**Barbed metal wire fencing
Plate No.6**



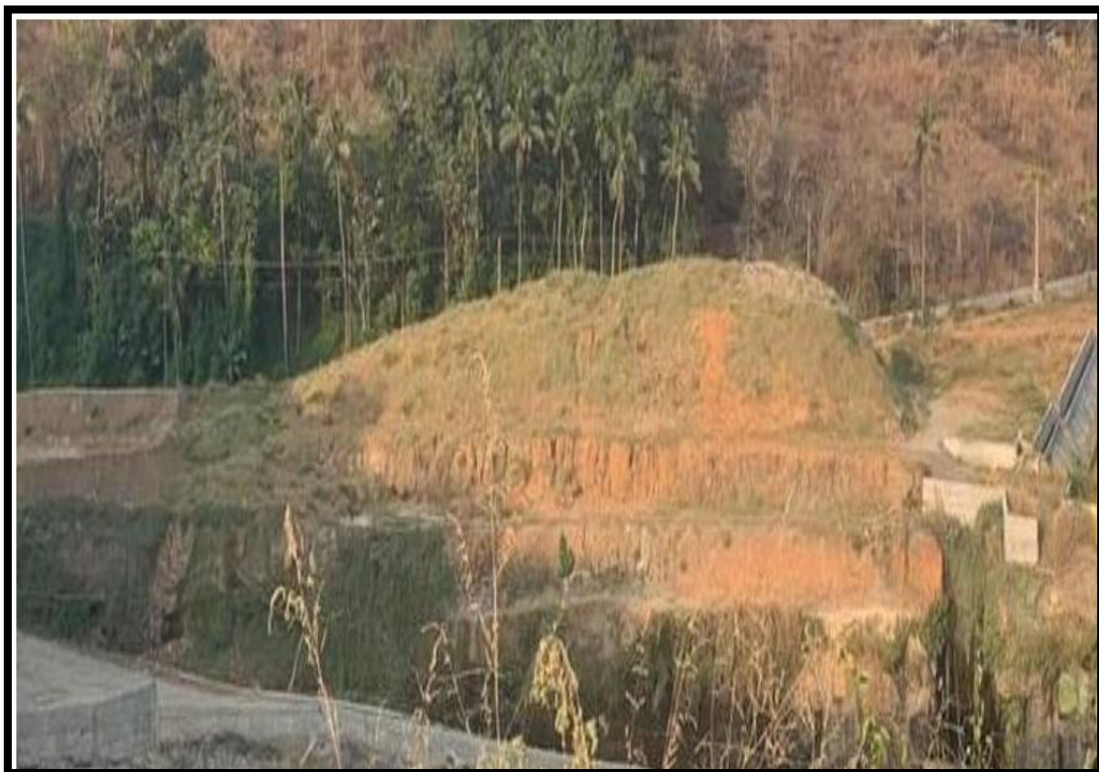
Signboards

Plate No.7



Tarred road to the quarry

Plate No.8



Over burden dumps

Plate No.9



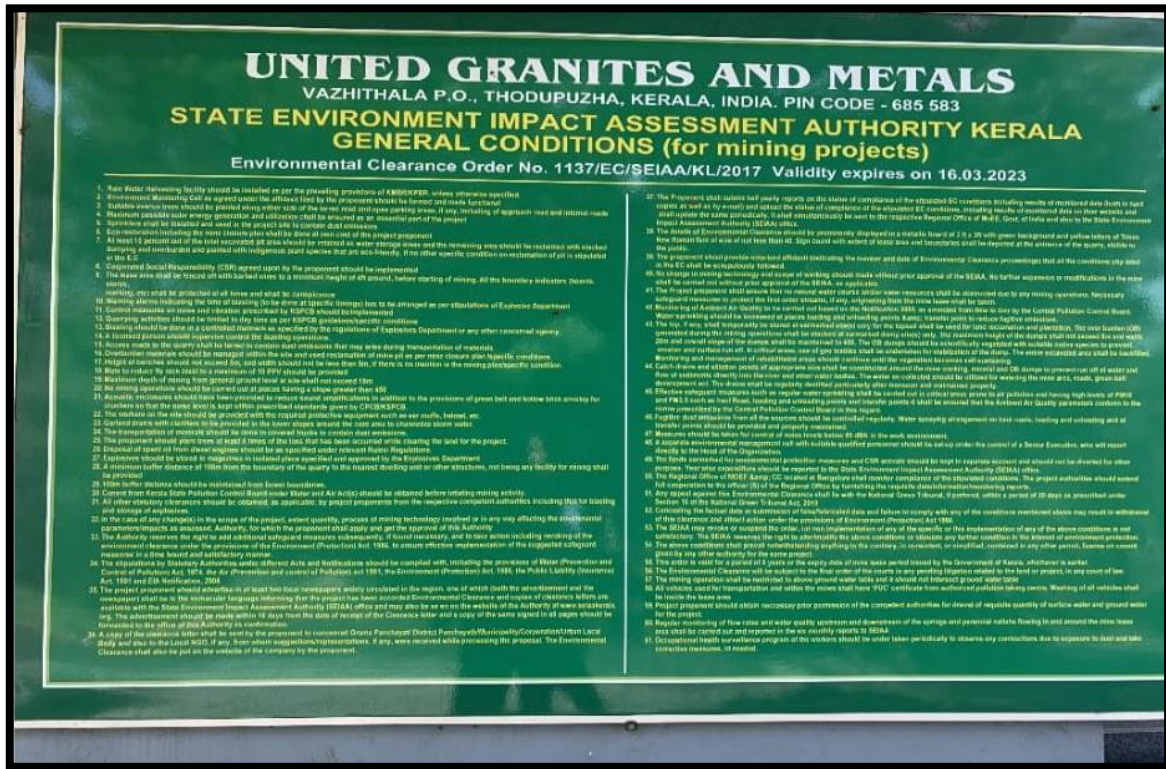
Bench system in the quarry

Plate No.10

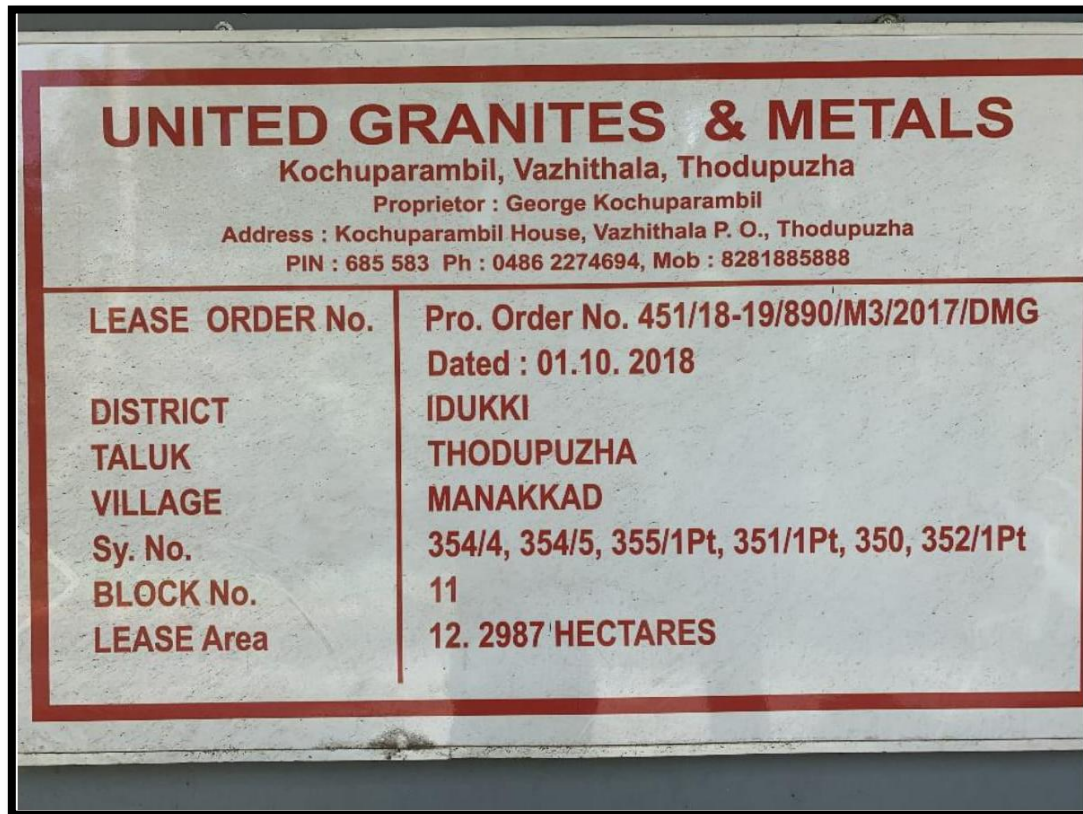


Drainage

Plate No.11



Metallic board



Metallic board for extent of lease area

Plate No. 12



Plantation

ANNEXUE

Annexure No.1

FILE NO : PCB/RO-EKM/IDK/OL-845/18

Date of issue : 16/07/2018



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO

OPERATE/AUTHORISATION/REGISTRATION

ISSUED UNDER

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

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

and

The Environment (Protection) Act, 1986

As per Application No. :7515269

Dated:28-06-2018

TO

**M/s SRI.GEORGE KOCHUPARAMBIL, QUARRY OF UNITED GRANITES & METALS
GEORGE KOCHUPARAMBIL VAZHITHALA P O THODUPUZHA**

Consent No. :018IDKCTOA7515269

Valid Upto :15/07/2023

Page1

1. GENERAL

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

1	VALIDITY	15/07/2023
2	Name and Address of the establishment	SRI.GEORGE KOCHUPARAMBIL,QUARRY OF UNITED GRANITES & METALS VAZHITHALA P O THODUPUZHA 685583
3	Communication	Telephone :91-9995878898 Fax :- E-mail:unitedgranitesandmetals@gmail.com
4	Occupier Details	GEORGE KOCHUPARAMBIL KOCHUPARAMBIL(H) MANAKKAD VAZHITHALA
5	Local Body	MANAKADU PNCHAYATH
6	Survey Number	351/1 pt,354/4,354/5,355/1pt,352/1pt,350
7	Village	MANAKKAD
8	Taluk	THODUPUZHA
9	District	IDUKKI
10	Capital Investment(Rs in Lakhs)	1200
11	Scale	Large
12	Category	RED
13	Annual fee(Rs)	Rs. 81000
	Total Fee remitted(Rs)	Rs. 405000/-
14	RAW MATERIAL	PRODUCTS
	ROCK/Y @400000 Metric Tonnes	STONE AGGREGATES/Y @400000 Metric Tonnes
15	Total Power Required (HP)	

2. CONDITIONS AS PER

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

- 2.1 In case of generation of trade effluent from the industry, effluent treatment system consisting of treatment units having adequate capacity established as per the Integrated Consent to Establish issued shall be operational at all times during which the industry is functional. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1) (g) of the Water Act shall also be made along with.
- 2.2 Water consumption:
- 2.3 Effluent generation:
- 2.4 The characteristics of effluent after treatment shall confirm to the following tolerance limits:

Sl.NO.	Characteristics	Unit	Tolerance Limit	
			Sewage	Trade Effluent

2.5 Mode of disposal of treated effluent:

**3. CONDITIONS AS PER
The Air(Prevention and Control of Pollution)Act, 1981**

3.1 Adequate air pollution control measures shall be operational at all times during the functioning of the industry. Additional facilities required, if any, to achieve the standards laid down by the Board shall also be made along with.

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

3.2 Emission characteristics shall not exceed the following:

Sl.No.	Parameter	Limiting Standards (mg/Nm3)

**4. CONDITIONS AS PER
The Environment (Protection) Act, 1986.**

4.1 The operation of the industry shall be strictly in compliance with the provisions of the Noise Pollution (Regulation and Control) Rules 2000.

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

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

4.3.1 Activities for which Authorisation is granted

Collection		transport	
Reception		Storage	
Treatment		Reprocessing/Disposal	

4.3.2 Type, quantity and mode of storage/collection/disposal of hazardous wastes shall be as follows:

Sl.No.	Hazardous Waste	Schedule Category	Quantity Tonne/year
		Mode of	
		Storage	Disposal

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

5. SPECIFIC CONDITIONS

5.1. This consent, unless withdrawn earlier is valid up to the validity of permit/lease issued by the Department of Mining and Geology or 15.07.2023. In case of operation of the quarry is to be continued

thereafter, application in the prescribed form shall be submitted through the web portal of the Board for Online Consent Management & Monitoring System on or before 16.04.2023. Late application will be accepted with a fine or late fee as applicable.

5.2 This consent is granted for operating quarry with production capacity of 200MT/day granite boulders.

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

5.4 The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water, land and sound pollution.

5.5 A minimum distance of at least 50m shall be kept from the boundary of quarry area to residential buildings, places of worship, public buildings, public road having vehicular traffic, river or lake, railway line and bridges.

5.6 All control measures provided should be maintained properly to ensure that the system is adequate to control the pollution caused.

5.7 The quarry should not be operated between 6.00 pm and 6.00am.

5.8 Necessary permission from Mining & Geology, Explosive Department may be obtained before doing blasting.

5.9 After excavation at the site is completed the land may be used for rain water harvesting with protective barriers/any other suitable approved purpose or may be reclaimed.

5.10 The depth of excavation below the highest point shall not exceed 6m.

5.11 Fencing shall be provided around the boundary of quarry operation and shall be maintained properly.

5.12 The PM10 in ambient air at the boundary shall not exceed 100 $\mu\text{g}/\text{m}^3$.

5.13 The PM2.5 in ambient air at the boundary shall not exceed 60 $\mu\text{g}/\text{m}^3$.

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

5.15 The consent issued from the Board shall be valid only for a period when all other statutory or necessary clearance from other concerned authorities are valid.

5.16 No other machineries shall be operated without prior Consent of the Board.

5.17 The validity of this Consent is subject to subsequent Government Orders & directions/judgement of Honourable High Court and National Green Tribunal.

5.18 The location of the quarry unit shall be as shown in the drawing attached and no change, deviation or alteration that may affect the environment, extend and location of the quarry shall be made.

5.19 Fugitive emission from the premises shall be suppressed.

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

5.21 All the conditions stipulated in the Environmental clearance No.56/2018 shall be fully complied with during operation of the quarry.

5.22 For renewal of the consent in case of continuance of operation of the quarry, application in the prescribed form shall be submitted through the web portal of the Board for Online Consent Management & Monitoring System 3 months prior to the date of expiry. Late application will be accepted only with fine.

DATE :16/07/2018

BAIJU M A

Digitally signed by BAIJU M A
Date: 2018.07.18 12:08:10 +05'30'

SIGNATURE & SEAL OF ISSUING AUTHORITY



To

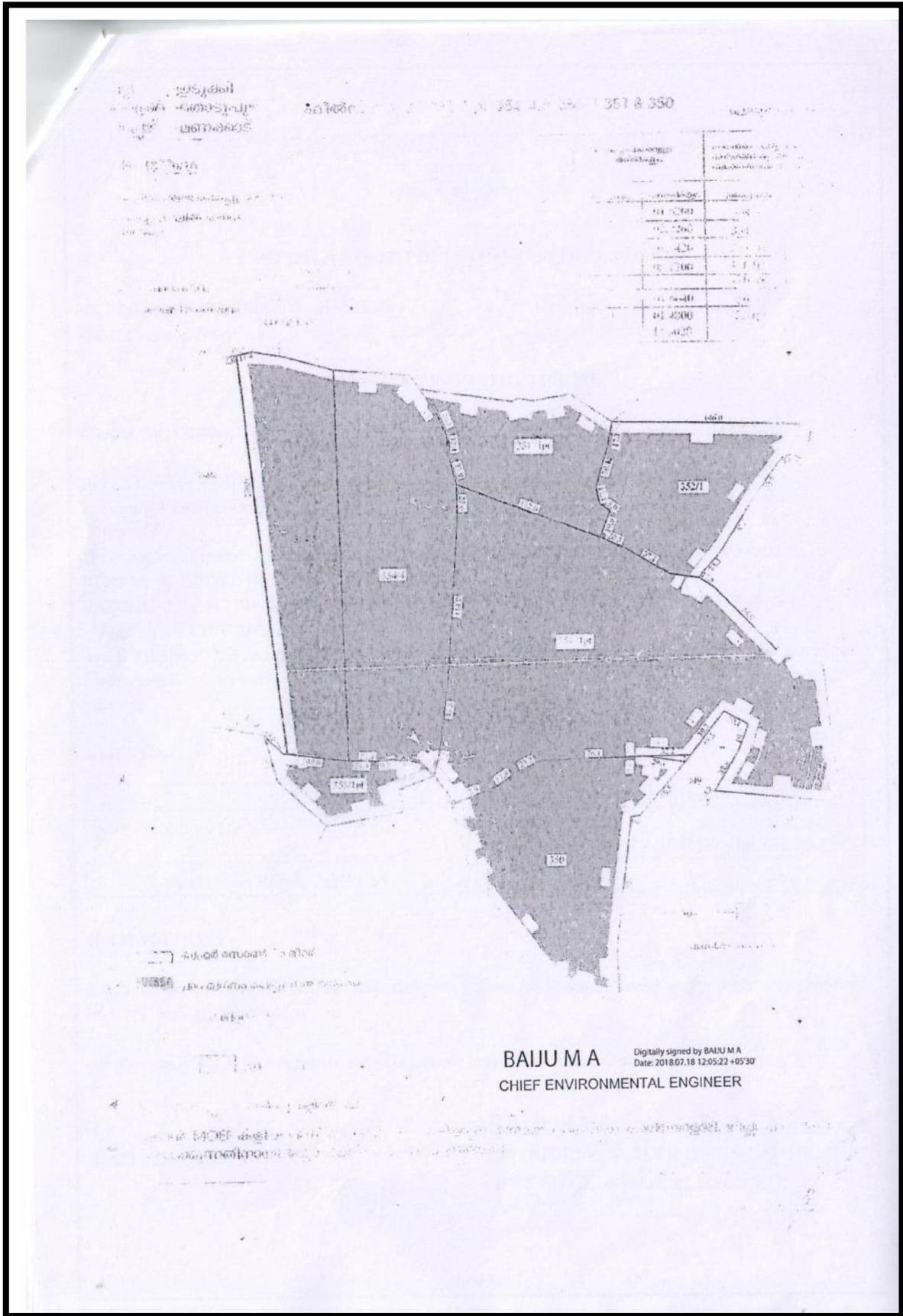
SRI.GEORGE KOCHUPARAMBIL,QUARRY OF UNITED GRANITES & METALS VAZHITHALA
P O THODUPUZHA

Copy to:

1. Member Secretary, Head Office, Trivandrum
2. Environmental Engineer, District Office, Idukki

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

2. For verifying this document please go to krocms.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.





KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/RO-EKM/IDK/OL-845/18

Date of issue :2018-10-17

CONSENT VARIATION ORDER

Consent No : O18IDKCVO8831136

Ref : 1. Consent No.018IDKCTOA7515269 dated 16/07/2018 valid Up to 15/07/2023

2. Consent Variation Order No:O18LDKCVO 8454273 Dated:4.9.2018

The ' Integrated Consent to Operate' issued as per reference above to M/s SRI.GEORGE KOCHUPARAMBIL, QUARRY OF UNITED GRANITES & METALS, VAZHITHALA P O,THODUPUZHA is hereby modified & issued to M/s SRI.GEORGE KOCHUPARAMBIL, QUARRY OF UNITED GRANITES & METALS, VAZHITHALA P O,THODUPUZHA The consent(s)/ variation order(s) cited under reference are integral part of this consent variation order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	Survey No	Re Survey Nos.351/1pt,354/4,354/5,355/1pt,352/1pt,350
2	Total Power Required (HP)	444 HP

II. CONDITIONS

2.1.Condition no.5.2 is modified as: This consent is granted for operating quarry with a production capacity of 1500 T/day granite boulders.

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

DATE :17/10/2018

BAIJU M A


Digitally signed by BAIJU M A
Date: 2018.10.17 12:39:25 +05'30'SIGNATURE & SEAL OF ISSUING AUTHORITY
CHIEF ENVIRONMENTAL ENGINEER



To
SRI.GEORGE KOCHUPARAMBIL,QUARRY OF UNITED GRANITES & METALS,
VAZHITHALA P O, THODUPUZHA

1. This digitally signed document is legally valid as per the Information Technology Act 2000
2. For verifying this document please go to krocmmms.nic.in and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent Management and Monitoring System.

Annexure No.2



सत्यमेव जयते

Validity expires on 16.03.2023

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

*Present: Prof. (Dr.) K.P. Joy, Chairman; Dr. J. Subhashini, Member and
Sri. P.H.Kurian, I.A.S., Member Secretary.*

Sub: **SEIAA- Environmental Clearance for the proposed quarry project in Re
Survey Nos. 354/4, 354/5, 355/1 pt, 351/1 pt, 350, 352/1pt, at Manakkad
Village, Thodupuzha Taluk, Idukki District, Kerala by Sri. George
Kochuparambil - Granted – Orders issued.**

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA

No. 1137/EC/SEIAA/KL/2017 ***Dated, Thiruvananthapuram 17.03.2018***

Ref: 1. Application received on 13.07.2017 from Sri. George Kochuparambil,
Kochuparambil House, Vazhithala. P.O., Thodupuzha, Idukki, Kerala - 685583
2. Minutes of the 79th meeting of SEAC held on 25th & 26th September 2017.
3. Minutes of the 80th meeting of SEAC held on 11th October 2017.
4. Minutes of the 81st meeting of SEAC held on 30th & 31st meeting.
5. Minutes of the 76th SEIAA meeting held on 16th November 2017.
6. Minutes of the 79th meeting of SEIAA held on 09th January 2018.
7. Minutes of the 82nd meeting of SEIAA held on 15th March 2018.
8. Affidavit dt. 17.03.2018 from Sri. George Kochuparambil

ENVIRONMENTAL CLEARANCE NO.56/2018

Sri.George Kochuparambil, Kochuparambil House, Vazhithala. P.O., Thodupuzha, Idukki, Kerala - 685583, vide his application received 13.07.2017 has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Re Survey Nos. 354/4, 354/5, 355/1 pt, 351/1 pt, 350, 352/1pt, at Manakkad Village, Thodupuzha Taluk, Idukki District, Kerala for an area of 12.2987 Ha. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA.II (M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per Notification No.S.O.141 (E) dt.15.01.2016 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

Page 1 of 15


Details of the project as furnished by the applicant are as follows:

**BASIC INFORMATION OF QUARRY
PART A**

PROJECT DETAILS	
File No.	1137/EC/SEIAA/KL/2017
Name /Title of the project	Quarry (Minor Mineral) project of Mr. George Kochuparambil
Name and address of project proponent.	Mr. GEORGE KOCHUPARAMBIL Kochuparambil House, Vazhithala P.O., Thodupuzha, Idukki, Kerala-685583. E-mail :- unitedgranitesandmetals@gmail.com
Owner of the land	Private own land
Survey No. District/ Taluk/ and Village etc.	Re-Survey No. 354/4, 354/5, 355/1pt., 351/1pt., 350, 352/1pt., Manakkad Village, Thodupuzha Taluk, Idukki District, Kerala
Category/Sub Category and Schedule	Category B / B2 & Schedule 1(a)
Details of period of lease or permit with number including the beginning and expiry date of lease /permit period (Copy to be attached)	The project is for expansion of an existing quarry project and the existing project is accorded with Environmental Clearance vide Order No. 36/SEIAA/KL/6091/2012 for an area of 4.2321 ha. The cumulative area is 12.2987 ha. The EC accorded area is part of the area in the instant application. Mining is in progress in the EC accorded area of 4.2321 ha with the support of mining lease vide No. 405/2013-2014/3099/M3/2013 Dt. 12/09/2013 issued by Mining and Geology Department, Govt. of Kerala with validity up to October, 2023 and the copy of mining lease is attached.
Present Status of the project	Part of the proposed quarry is working quarry (EC accorded area) with mining lease
Date & Year of starting the work of the quarry project.	11/10/2013
Whether the quarry is working at present or not ?	Working quarry with mining lease
If stopped working since when?	Not applicable
Date of submission of Application	13.07.2017
Brief description of the project.	The building Stone Quarry (Minor Mineral) mining project of Mr. George Kochuparambil is situated at Re-Survey No. 354/4, 354/5, 355/1pt., 351/1pt., 350, 352/1pt., Manakkad Village, Thodupuzha Taluk, Idukki District, Kerala for an area of 12.2987 hectares. The land for the proposed quarry is private owned land and the land is possessed in the name of Mr. George Kochuparambil. The targeted production of mine will be 4,00,000 MTA. The estimated project cost will be Rs. 12 Crores. The expected life of mine estimated will

	be of about 16 years. The mining operation will be carried out by opencast semi-mechanized method as per the approved Mining Plan.
GPS Co-ordinate	Latitude (N) = 09°53'32.72"N to 09°53'48.09"N
	Longitude(E) = 76°38'21.51"E to 76°38'36.07"E
Details of Authorized Signatory and address for correspondence	Mr. GEORGE KOCHUPARAMBIL Kochuparambil House, Vazhithala P.O., Thodupuzha, Idukki, Kerala-685583. E-mail :- unitedgranitesandmetals@gmail.com
LAND DETAILS	
Extent of area in hectares	12.2987 hectare
Is the property forest land/ Govt. land/own land/patta land	Private own land
Quantity of top soil/over burden produced and managed	A total quantity of 34,976 cu. m. of topsoil is proposed to be removed during the mining operations. The topsoil excavated from the quarry will be dumped / stacked separately at pre-determined place and subsequently will be utilized in spreading over reclaimed areas for plantation as part of eco-restoration. About 15,302 cu. m of overburden (OB) will be generated throughout the mine life. This waste will be utilized within the pit for lying of haul roads. At the end use, OB can be reutilized as soil base for plantation.
Latitude and Longitude	Latitude (N) 09°53'32.72"N to 09°53'48.09"N
	Longitude (E) 76°38'21.51"E to 76°38'36.07"E
Topography of land and elevation	Part of the land is existing quarry area and there is no vegetation in that area. The remaining land in the proposed land is mostly covered with native trees, shrubs, herbs, grass, climbers, bushes etc. The topography of the lease area is hilly terrain. The highest elevation of the lease area is 145 m MSL and lowest is 35 m MSL. As the proposed area is hill rock, the drainage of the lease area is towards North. No habitants are located in the lease area.
Slope analysis	The slope is towards North
Will there be any significant land disturbance resulting in soil erosion, subsidence & natural drainage.	Due care will be taken to provide channel all around the foot of the hill to collect run off and also to avoid soil erosion.
Access road to the site width and condition	7m wide road
Will there be any adverse impact on the aesthetics of the proposal	No, the land used will be fully reclaimed and rehabilitated by backfilling the pond and plantation. Plantation and afforestation will add to the improvement in environment and aesthetic beauty of the area.

Annexure No.3


GOVERNMENT OF INDIA
MINISTRY OF COMMERCE & INDUSTRY
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION (PESO)
(Formerly Department of Explosives)
Kendriya Bhavan, Block C-2, 3rd Floor
CSEZ PO Kakkanad Dist. Ernakulam Ernakulam 682037
Tele: 2427286 Fax: 2427276
Email: dyceernakulam@explosives.gov.in

No. E/SC/KL/38/21(E98818) Dated : 29/04/2019

To,
George Kochuparambil, Proprietor,
M/s. United Granites & Metals, Manakkadu (v), Vazhithala P.O., Thodupuzha Taluk,
Town/Village - IDUKKI
Distt. IDUKKI, State. Kerala, Pincode-685588

Subject: **Manufacturing ANFO from ANFO shed at Survey No.:357/3, Block No.11., Village/Town, Manakkadu (v), Thodupuzha Taluk, Distt. IDUKKI, State Kerala Licence No.: E/SC/KL/38/21(E98818) granted in Form LE-1 of Explosives Rules, 2008 - Endorsement regarding**

Sir(s),

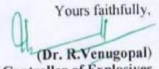
Reference memo No.: E/SC/KL/38/21(E98818) Dated 02/04/2019 from Joint Chief Controller of Explosives, South Circle, Chennai and inspection of the subject premises by an officer of this organization on 27/11/2018.

The subject licence No. E/SC/KL/38/21(E98818) valid upto 31st March 2022 duly endorsed as required under Rule 107(3) of the Explosives Rules 2008 is forwarded herewith.

For further renewal of licence, please submit following documents so as to reach this office on or before 31/03/2022.

- Application in Form RE-1 duly filled in and signed.
- Licence fees for one to five years in the form of demand draft drawn on any Nationalized Bank in favour of Jt. Chief Controller of Explosives, Chennai payable at Chennai.
- Original licence with approved plan.
- In this connection, please also refer to Rule 112 of Explosives Rules, 2008.

You are advised to maintain accounts of explosives manufactured by you in Form RE-2 and RE-5 of Explosives Rules, 2008.

Yours faithfully,

(Dr. R. Venugopal)
Deputy Chief Controller of Explosives
Ernakulam

Copy Forwarded to:

1. District Magistrate, IDUKKI, Kerala with reference to his Noc No: 2012/50767/6 and 2013/88965/6 Dated: 30/11/2013.

Deputy Chief Controller of Explosives
Ernakulam

[For more information regarding status, fees and other details, please visit our web site <http://explosives.gov.in>]



भारत सरकार | Government of India

वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry

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

पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives

केन्द्रीय भवन, ब्लाक सी-2, तीसरी मंजिल | Kendriya Bhavan, Block C-2, 3rd Floor
CSEZ पी.ओ.कक्कनाड कोच्चि | CSEZ PO Kakkanad Dist. Ernakulam Ernakulam 682037

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

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

संख्या (No.): E/SC/KL/22/1730(E72220)

दिनांक (Date): 21/03/2019

सेवा में | To,

✓ George Kolhuparambil, Proprietor,
M/s. United Granites & Metals, Vazhithala P.O., Thodupuzha,, Town/Village - Vazhithala
District-IDUKKI, State-Kerala, Pincode - 685588

विषय : Survey No.357/3, Block No. 11, ग्राम Manakkadu (v), Thodupuzha Taluk, जिला IDUKKI, राज्य Kerala
में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी
अनुज्ञप्ति सं E/SC/KL/22/1730(E72220) के नवीनीकरण संदर्भ में।

Subject: Possession for Use of of Explosives from magazine situated at Survey No.:357/3, Block No. 11,
Manakkadu (v), Thodupuzha Taluk, Dist. IDUKKI, Kerala -Licence No.: E/SC/KL/22/1730(E72220)
granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या Nil दिनांक 21/03/2019 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक 31/3/2022 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।

Reference to your letter No.: Nil dated: 21/03/2019, the subject licence duly renewed upto 31/3/2022 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/2022 से पहले इस कार्यालय को भेजे जाएं।

For further renewal of licence, please submit the following documents so as to reach this office on or before 31/3/2022.

- प्ररूप आरई-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन।
Application in Form RE-1 duly filled in and signed.
- एक से पाँच वर्ष के अनुज्ञप्ति शुल्क का बैंक ड्राफ्ट। बैंक ड्राफ्ट किसी भी राष्ट्रीयकृत बैंक के नाम आहरित,
संयुक्त मुख्य विस्फोटक नियंत्रक, चेन्नई के पक्ष में चेन्नई में देय हों।
Licence fees for one to five years in the form of demand draft drawn on any Nationalized Bank in favour of Jt.
Chief Controlier of Explosives, Chennai payable at Chennai.
- अनुमोदित प्लान के साथ मूल अनुज्ञप्ति।
Original licence with approved plan.
- कृपया इस संबंध में विस्फोटक नियम, 2008 के नियम 112 का भी संदर्भ ग्रहण करें।
In this connection, please also refer to Rule 112 of Explosives Rules, 2008.
- विस्फोटकों के क्रय हेतु आरई-11 में मांगपत्र (इंडेंट) आपूर्तिकर्ता को दिया जाए और उसी की एक प्रति इस कार्यालय को भेजी जाए (आतिशबाजी गोदाम के लिए लागू नहीं)।
Indent for purchase of explosives shall be placed in RE-11 with the supplier and copy of the same shall be sent to this office. (Not applicable for fireworks store house)
- कृपया विस्फोटकों की त्रैमासिक विवरणी हर तिमाही के अंत में आरई-7 में प्रस्तुत की जाए। विवरणी इस कार्यालय के कार्यालय में आगामी तिमाही के 10 तारीख से पहले पहुंच जानी चाहिए (आतिशबाजी गोदाम के लिए लागू नहीं)। Please submit quarterly returns of explosives in RE-7 at the end of every quarter so as to

reach this office by 10th of the succeeding quarter.(Not applicable for fireworks store house)

- सभी ब्लास्टिंग आपरेशन एक सक्षम द्वारा की जाएगी जो उपरोक्त नियमों के तहत एक वैध शॉट फायर प्रमाणपत्र धारक हो। हालांकि, खान अधिनियम 1952 के अधीन आने वाले खानों में ब्लास्टिंग आपरेशन करने वाले ब्लास्टर की योग्यता उसी अधिनियम से निर्धारित हो।
All blasting operations shall be carried out by a competent person holding a valid shot firer's permit granted under above rules. However, blasting operations in mines coming under the purview of the Mines Act 1952, the blaster shall have qualifications prescribed in the regulations framed under the said Act.

भवदीय | Your's faithfully

(आर.वेणुगोपाल | Dr. R.Venugopal)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची | Ernakulam

प्रतिलिपि प्रेषित | Copy Forwarded to:

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


उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives
कोच्ची | Ernakulam

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

अनुज्ञप्ति प्ररूप एल. ई.-3 | LICENCE FORM LE-3
(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)
(See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)

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

अनुज्ञप्ति सं. (Licence No.): E/SC/KL/22/1730(E72220)
वार्षिक फीस रूपए (Annual Fee Rs): 2400/-



Licence
Photo v

1. Licence is hereby granted to
George Kolhuparambil, Proprietor (अधिभोगी / Occupier : George Kolhuparambil), M/s. United Granites & Metals, Vazhithala P.O., Thodupuzha, Town/Village - Vazhithala, District-IDUKKI, State-Kerala, Pincode - 685588

को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : **Proprietorship Firm**

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमान्य है।
: possess for use of **Detonators, Safety Fuse, Nitrate Mixture, - के उपयोग के लिए**

Licence is valid only for the following purpose.

4. अनुज्ञप्ति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमान्य है।
Licence is valid for the following kinds and quantity of explosives: -- (क) (a)

क्र Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में Quantity at any one time
1.	Nitrate Mixture	2,0	0	250 Kg.
2.	Detonators	6,3	0	5000 Nos.
3.	Safety Fuse	6,1	0	2000 Mtrs

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

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञप्त परिसर की पुष्टि होती रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1730 है।
: (E72220)
The licensed premises shall conform to the following drawing(s): . दिनांक (Dated) 01/04/2015

6. अनुज्ञप्ति परिसर निम्नलिखित पते पर स्थित हैं। The licensed premises are situated at following address:
Survey No. 357/3, Block No. 11, ग्राम (Town/Village) : **Manakkadu (v), Thodupuzha Taluk**
जिला (District) : **IDUKKI** राज्य (State) : **Kerala** पिनकोड (Pincode) : **685588**
दूरभाष (Phone) : ई.मेल (E-Mail) : फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।
: **Constructed magazine for explosives and detonator as per Specification 2 of Schedule VII of Explosives Rules, 2008.**
The licensed premises consist of following facilities.

8. अनुज्ञप्ति समय - समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबंधों के अधीन रहते हुए अनुदत्त की जाती है।
The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.

- उपर्युक्त क्रम सं. 5 में यथा कथित रेखाचित्र (स्थान, सन्निर्माण संबंधी और अन्य विवरण दर्शित करते हुए)।
Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
- अनुज्ञप्ति प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञप्ति की शर्तें और अतिरिक्त शर्तें।
Conditions and Additional Conditions of this licence signed by the licensing authority.
- दूरी प्ररूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञप्ति तारीख **31 मार्च 2019** तक विधिमान्य रहेगी। This licence shall remain valid till **31st day of March 2019.**

यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञप्ति की शर्तों का अधिक्रमण करने या यदि अनुज्ञप्त परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहत की जा सकती है, जहां वह लागू हो।
This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

तारीख | The Date - 01/04/2015

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

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 25/09/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 09/11/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 20/03/2018
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 23/03/2018
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 29/06/2018

नवीनीकरण के पृष्ठानकन के लिए स्थान
Space for Endorsement of Renewal

नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature of licensing authority and stamp
21/03/2019	31/03/2022	Dy. Chief Controller of Explosives, Ernakulam उप मुख्य विस्फोटक नियंत्रक Deputy Chief Controller of Explosives एरनाकुलम Ernakulam

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

(सेट VIII | Set VIII)

मैगजीन में वर्ग 1,2,3,4,5,6, और 7 के विस्फोटकों को बिक्री या प्रयोग हेतु रखने के लिए प्ररूप एन.ई. 3 [अनुच्छेद 3 (ख) से (ग)] में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक द्वारा प्रदान किए जाने वाले अनुज्ञप्ति सं. E/SC/KL/22/1730(E72220) की शर्तें निम्नलिखित हैं।

The following are the conditions of licence number E/SC/KL/22/1730(E72220) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c)) granted by Chief controller of Explosives or Controller of Explosives.

- परिसर में किसी भी समय विस्फोटकों की मात्रा अनुज्ञापन योग्य सामर्थ्य से अधिक नहीं होगी।
The quantity of explosives on the premises at any one time shall not exceed the licensable capacity.
- विस्फोटकों के भंडारण के लिए प्रयुक्त होने वाली मैगजीन अनुसूची III और अनुज्ञप्ति के उपाबंध में विनिर्दिष्ट सुरक्षा दूरी बनाए रखना होगा।
The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to the licence.
- मैगजीन का प्रयोग उन सभी विस्फोटकों के, जो इस अनुज्ञप्ति में विनिर्दिष्ट हैं, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं।
The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
- पैकजों को खोलने का कार्य और विस्फोटकों को तौलने तथा पैक करने का कार्य मैगजीन में नहीं किया जाएगा।
The opening of packages and the weighing and packing of explosives shall not be carried on in the magazine.
- दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर पृथक कर दिया जाए कि किसी वजह से विस्फोटक में लगने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटक तक न पहुंच सके : परंतु -
(घ) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पलीते और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेरक पलीते, जिनमें कोई खुला लोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थायन के रखे जा सकते हैं।
(ङ) वर्ग 6 प्रभाग 3 के अंतर्गत आनेवाले विस्फोटक प्रेरक अलग रखे जाएंगे।
(च) वर्ग 1 के अंतर्गत आने वाले बारूद को अलग रखा जाएगा।
Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other; Provided that—
(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space;
(e) Detonators belonging to Class 6 Division 3 shall be kept separately.
(f) Gun powder belonging to Class 1 shall be kept separately.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुज्ञापन प्राधिकारी की विशेष मंजूरी के मैगजीन में नहीं रखा जाएगा।
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी दे दी हो।
(i) जब ऐसी मंजूरी दे दी गई हो तो प्रत्येक निरीक्षण पर किसी विस्फोटक नियंत्रक से ऐसा लिखित प्रमाणपत्र अभिप्राप्त कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आनेवाली अवधि दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुज्ञप्तिधारी अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा।
(ii) जब कोई विस्फोटक मानक शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो ग्लिसरीन या द्रव नाइट्रो योगिक के निकल जाने के चिन्ह प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञप्तिधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करें।
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.
(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.
(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitro-compound is no longer fit for storage in the magazine or store house the

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licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.

8. मैगजीन के भीतरी भाग या उसमें लगी बेंचो, शैल्फों और उसकी फिटिंग का इस प्रकार सन्निर्माण किया जाएगा या उन्हें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोका जा सके। भीतरी भाग में लगी बेंचो, शैल्फों और फिटिंग यथासाध्य ब्रिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सम्यक सावधानी बरती जाएगी कि वहां कोई जल मौजूद न रहे : परंतु किसी लोहे या इस्पात के खुले होने के विरुद्ध सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बाध्यकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से भिन्न कोई विस्फोटक रखा गया है।

The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from;

Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.

9. यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञापितधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञापितधारी द्वारा पश्चात्कर्ता प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तडित चालक को समाधानप्रद घोषित नहीं कर देता :

परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के किए गए सभी परीक्षणों के लिए प्रभार्य होगा :

परंतु यह और कि यदि दो या अधिक तडित चालक एक ही मैगजीन से संबद्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तडित चालक के परीक्षण के लिए हर स्थिति में विहित की गई है।

If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the event of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory:

Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day :

Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.

10. उपयुक्त तथा जेब रहित कार्यकरण वस्त्रों, उपयुक्त जूतों के प्रयोग द्वारा तथा तलाशी लेकर या अन्यथा अथवा ऐसे किन्हीं साधनों द्वारा इस बाबत सम्यक उपबंध किया जाएगा कि फैक्ट्री परिसर में अग्नि, दियासलाई अथवा ऐसी कोई वस्तुएं या पदार्थ, जिससे विस्फोट हो सकता है या आग लग सकती हो, किन्तु इस शर्त के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम बत्ती का प्रवेश वर्जित नहीं है जिससे आग लगने या विस्फोट होने का खतरा न हो :

परंतु इस शर्त का वह भाग, जो लोहे या इस्पात के अपवर्जन को लागू होता है, ऐसे किसी भवन के संबंध में बाध्य कर नहीं होगा जिससे भिन्न कोई विस्फोटक नहीं रखा गया है।

Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching or otherwise or by such means, for preventing the introduction into danger area of the factory premises of fire, Lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or explosion:

Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.

11. अनुज्ञापितधारी प्ररूप आर.ई.-3 और आर.ई.-4 या आर.ई.-5, जैसी स्थिति हो, में सभी विस्फोटकों का अभिलेख और लेखा रखेगा और विस्फोटक नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर स्टॉक पुस्तक और अभिलेख प्रस्तुत करेगा। स्टॉक पुस्तक विहित प्रोफार्मा में पृष्ठ संख्यांकित होगी।

The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforma shall be page numbered.

12. परिसरों में कोई परिवर्तन या तबदीली अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुज्ञापितधारी ऐसी किसी शर्त का अनुपालन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्दिष्ट करे।

No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.

13. मैगजीन सभी समयों पर अच्छी मरम्मत की स्थिति में बनाई रखी जाएगी (या अच्छी हालत में बनाई रखी जाएगी)। यदि किसी कारणवश किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुज्ञापितधारी इस बात की सूचना अनुज्ञापन प्राधिकारी को तुरंत देगा।

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Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason whatsoever.

मैगजीन का अनुज्ञप्तिधारी इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा।

The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.

14. यदि सुरक्षा दूरी का कोई अधिक्रमण होता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को आवश्यक सलाह और कार्यवाही के लिए तुरंत दी जाएगी।

Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.

15. यदि कोई विस्फोटक विनष्ट हुआ अथवा अनुपयोगी जाया जाता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को, सलाह प्राप्त करने के लिए, तुरंत दी जाएगी।

The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.

16. विस्फोटकों के पैकेटों के चट्टे इस प्रकार लगाए जाएंगे कि कम से कम एक व्यक्ति भण्डार किए गए सभी पैकेटों की हालत की जांच करने और प्रत्येक पैकेज की विनिर्माण विशिष्टियों को पढ़ने के लिए उनके बीच से होकर आ जा सके।

The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.

तडित चालकों की भूमि के लिए प्रतिरोध यथासंभव न्यूनतम होगा और किसी भी दशा में 10 ओहम से अधिक नहीं होगा।

The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.

17. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुल्क घास या झाड़ी या ज्वलनशील सामग्री नहीं रहने दी जाएगी।

A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.

18. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी।

Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.

19. किसी मैगजीन / भंडारगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा।

Not more than 4 persons shall be allowed inside the magazine or store house at any one time.

20. विस्फोटकों के खाली पैकेटों को शीघ्रतः वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा।

Empty packages of the explosives shall be removed at the earliest and destroyed.

21. अनुज्ञप्तिधारी और कर्मचारियों को परिसर के भीतर आपातकाल के दौरान की जाने वाली प्रक्रियाओं से अवगत होना चाहिए।

The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.

22. निरीक्षण या नमूना अधिकारी को सभी युक्तियुक्त समयों पर अनुज्ञत परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबंधों और सुरक्षा स्थितियों को सम्यक्तः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी।

Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.

23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञप्तिधारक को अनुज्ञत परिसरों या मशीनरी, दूध या उपकरण में ऐसी कोई मरम्मत या परिवर्धन या परिवर्तन करने या सिफारिशों को लागू करने को लिखित रूप में सूचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञप्तिधारक सिफारिशों को निष्पादित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा।

If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the license shall execute the recommendations and report compliance within the period specified by such authority.

24. अनुज्ञप्तिधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञत फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पलीते खरीदेगा।

The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.

25. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले आतिशबाजियों पटाखों की बिक्री और रखने के लिए -

(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डी.बी.(ए1) या 145 डी.बी.(सी)पी.के. प्रतिबंधित होंगे;

(ख) श्रृंखला (जुड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 लॉग.10(एन) डी.बी. (सी) पी.के. प्रतिबंधित होंगे;

The possession and sale of fire-crackers generating noise level exceeding;


a) 125 dB(AI) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;

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- b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 $\log_{10}(N)$ dB, where N = number of crackers joined together.
26. आग या विस्फोट व्दारा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत पास के पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी।
Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

अतिरिक्त शर्तें / Additional Conditions :

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


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

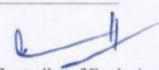
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Form DE-2
(See rule 113 of the Explosives Rules, 2008)
(Distance Form to be attached to the licence)

Safety distances required to be kept clear around magazine for high explosives or fire works or factory licence number E/SC/KL/22/1730(E72220) in form LE-3 granted to George Kolhuparambil, Proprietor, M/s. United Granites & Metals, Vazhithala P.O., Thodupuzha,, Kerala-685588 .

Type of Structure(s)		Safety distances meters	
Inside Safety Distances(ISD)			
1	Room or Workshop used in Connection with the Magazine	M	UM
2	Any other Explosives Magazine or store House or Factory of the Applicant	16	24
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		45
9	Private Road which is PRINCIPAL means of access to a Temple, Mosque, Church, Gurudwara or other places of worships, Hospital, College, School or Factory		
10	River Embankment or Sea Embankment or Public Well		
11	Reservoir or Bounded tank/rope way		
12	Windmillor or Solar panel for Power Generation		
Outside Safety Distances(OSD)			
13	Dwelling House		
14	Govt. and Public Building		
15	Temple, Mosque, Church or Gurudwara or other Places of Worships		
16	Shops, Market place, Public recreation and Sports Ground, College, School, Hospital, Theater, Cinema or other Building where the public are accustomed to assemble		
17	Factory		
18	Buildings or Works used for the Storage in Bulk of Petroleum, Sprit, gas, or other inflammable or hazardous substances		
19	Building or Works used for Storage and Manufacture of Explosives or of articles which contain Explosives		68
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		68
28	Electric Power over head Transmission Lines upto 440V		15

The Date : 01/04/2015


For Joint Chief Controller of Explosives
South Circle, Chennai


Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 25/09/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 09/11/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 20/03/2018
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 23/03/2018
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 29/06/2018

उप मुख्य विस्फोटक नियंत्रक
Deputy Chief Controller of Explosives
एरनाकुलम Ernakulam

Copy of Explosive license

Annexure No.4



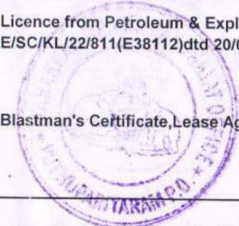
നമ്പർ: 11/2020-2021/A-9/562/2020 തീയതി: 01/04/2020

മണക്കാട് ഗ്രാമപഞ്ചായത്ത്
 പുതുപരിയാരം പി.ഒ., ഇടുക്കി (ജില്ല)
 പിൻ: 685608, ഫോൺ: 04862 202248, ഇ-മെയിൽ: manakkadgp@gmail.com

വ്യവസായം, വാണിജ്യം, സംരഭകത്വം, മറ്റ് സേവനങ്ങൾക്കുള്ള ലൈസൻസ്
 (കെ.പി.ആർ ആക്ട് സെക്ഷൻ 232, FTE & OS ലൈസൻസ് ചട്ടങ്ങൾ 1996)

ലൈസൻസിയുടെപേര്	ജോർജ്ജ് കൊച്ചുപറമ്പിൽ		
ലൈസൻസിയുടെ മേൽവിലാസം	കൊച്ചുപറമ്പിൽ, വഴിത്തല		
സ്ഥാപനത്തിന്റെ പേരും, സ്ഥലനാമവും	യുണൈറ്റഡ് ഗ്രാനൈറ്റ്സ് & മെറ്റൽസ്, വഴിത്തല		
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	കരിങ്കല്ല് ഖനനം നടത്തുന്നതിന്		
വാർഡ് നമ്പർ/കെട്ടിട നമ്പർ	XII/Survey Nos.354/4,354/5,355/1pt,350,351/1pt,352/1pt		
ലൈസൻസ് കാലാവധി	01/04/2020 മുതൽ	31/03/2021 വരെ	
	തുക	രസീത് നമ്പർ	തീയതി.
ലൈസൻസ് ഫീസ്	15000 /- രൂപ	119010103505	19/03/2020
മോട്ടോർ ഫീസ്	4410 /- രൂപ	119010103505	19/03/2020
തൊഴിൽ നികുതി	2500 /- രൂപ	119010103500	19/03/2020
ലൈസൻസ് അനുവദിക്കുന്നതിന് ഹാജരാക്കിയ നിരാക്ഷേപ പത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാര സ്ഥാപനം)	1. consent to operate from PCB No-PCB/IRO/EKM/IDK/OL-845/18 dtd-16/07/2018 valid upto 15/07/2023 2. Licence from Petroleum & Explosives safety organisation No-E/SC/KL/22/811(E38112)dtd 20/02/2020, Valid upto-31/03/2025 3. Blastman's Certificate, Lease Agreement		

ഓഫീസ് മുദ്ര



പാലിമോൻ ഓ.പി.ഒ. സെക്രട്ടറി
 മണക്കാട് ഗ്രാമപഞ്ചായത്ത്
 പിൻ: 685608

05/05/2020 14:27

ലൈസൻസി താഴെ പറയുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു.

- 1 കേരള പഞ്ചായത്ത് രാജ് ആകട്ടെ അതേ തുടർന്നുള്ള ചട്ടങ്ങളും ബൈലകളും അനുസരിച്ചു പ്രവർത്തിക്കേണ്ടതാകുന്നു.
- 2 തൊഴിൽ സ്ഥലവും അതിലുള്ള സാധനസാമഗ്രികളും പഞ്ചായത്തധികാരികൾക്കോ/സെക്രട്ടറി അധികാരപ്പെടുത്തുന്ന മറ്റ് ഉദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസൻസി വേണ്ട സൈകര്യം നൽകേണ്ടതും അവർ ആവശ്യപ്പെട്ടാൽ ഈ ലൈസൻസ് കാണിക്കേണ്ടതുമാണ്.
- 3 ഏത് സ്ഥലത്തിന്റെ കാര്യത്തിൽ ലൈസൻസ് നൽകിയിരിക്കുന്നവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണത്തക്ക വിധത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസൻസി തന്റെ പേരും, ലൈസൻസിന്റെ നമ്പരും ഉദ്ദേശവും കാണിക്കുന്ന ഒരു അടയാളപ്പലക 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 ഭക്ഷണപദാർത്ഥങ്ങൾ ഈച്ച, അണുക്കൾ, പൊടി മുതലായവയുടെ ശല്യം ഉണ്ടാക്കാത്ത വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ്.
- 6 ഒരോ പ്രവർത്തിദിവസത്തിന്റെയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേണ്ടതാണ്.
- 7 ആ സ്ഥലത്തിന്റെയോ പരിസരത്തിന്റെയോ, ഏതെങ്കിലും ഭാഗത്ത് വീഴുകയോ നിക്ഷേപിക്കുകയോ ചെയ്യുന്ന ചപ്പുചവറോ, മൃഗങ്ങളുടെ അവശിഷ്ടങ്ങളോ മറ്റ് പദാർത്ഥമോ ശേഖരിച്ച്, സെക്രട്ടറിക്ക് തൃപ്തികരമായ രീതിയിൽ നീക്കം ചെയ്യിക്കേണ്ടതാണ്.
- 8 ലൈസൻസി ഏതൊരു കെട്ടിടത്തിന്റെയും ചുവരുകളുടെ അകവശത്തിന്റെ ഏതൊരു ഭാഗവും മേൽപറഞ്ഞ പരിസരത്തിലുള്ള തറയും നടപ്പാതയും അവിടെ തെറിച്ചുവീഴാനിടയുള്ള ഏതെങ്കിലും ദ്രാവകമോ, മാലിന്യമോ, ചപ്പുചവറോ, അസഹ്യവും, ഉപദ്രവകരവുമായ ഏതെങ്കിലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് തടയത്തക്കവിധം എപ്പോഴും നന്നായി കേടുപാട് തീർത്ത് നിലനിർത്തേണ്ടതാണ്.
- 9 ലൈസൻസി മേൽപറഞ്ഞ സ്ഥലത്തോ, പരിസരത്തോ അതോടു ചേർന്നോ ഉള്ള ഏതൊരു ഓവുചാലും, അഴുക്കുജലം കളയുന്നതിനുള്ള ഉപകരണവും എപ്പോഴും നന്നായി കേടുപാട് തീർത്ത് വയ്പിക്കേണ്ടതാണ്.
- 10 അധിതം ആചരിക്കുന്ന കടകളുടെ ലൈസൻസ് റജിസ്ട്രേഷൻ നോക്കേണ്ടതാണ്.
- 11 ഏതെങ്കിലും തരത്തിലുള്ള തപാൽ രോഗമോ കൃഷി രോഗമോ (വ്രണമോ പകർച്ച വ്യാധികളോ ഉള്ള യാതൊരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന സ്ഥലത്തും പരിസരത്തും പ്രവർത്തിക്കുവാൻ പാടില്ലാത്തതാകുന്നു.
- 12 17/02/2019 ലെ സ.ഉ. (കെ) നം.7/2019 പരിസ്ഥിതി ഉത്തരവ് പ്രകാരം ഒറ്റത്തവണ ഉപയോഗിക്കുന്ന നിരോധിത വസ്തുക്കൾ ഉൽപ്പാദിപ്പിക്കുകയോ ശേഖരിക്കുകയോ വിൽക്കുകയോ കൈകാര്യം ചെയ്യുകയോ വിതരണം ചെയ്യുകയോ ചെയ്യാൻ പാടില്ല.
- 13 സ്ഥാപനത്തിന്റെ ബോർഡിൽ സ്ഥലനാമം മലയാളത്തിലും ഇംഗ്ലീഷിലും രേഖപ്പെടുത്തേണ്ടതാണ്.
- 14 20 സീറ്റിൽ കൂടുതലുള്ള എല്ലാ ഹോട്ടലുകൾക്കും റെസ്റ്റോറന്റുകൾക്കും ടോയ്റ്റ് സൗകര്യം ഏർപ്പെടുത്തേണ്ടതാണ്.
- 15 നിരോധിത ഉൽപ്പന്നങ്ങളായ പാൻമസാല, ഗുഡ്ബ തുടങ്ങിയവ സംഭരിച്ചുവയ്ക്കുവാനോ വിൽക്കുവാനോ പാടില്ല.
- 16 ബാലവേല അനുവദിക്കാൻ പാടില്ല.
- 17 മുകളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളുടെ ലംഘനം ഈ ലൈസൻസ് റദ്ദ് ചെയ്യപ്പെടുന്നതിന് കാരണമാകാവുന്നതാണ്.



(Handwritten signature in green ink)

സെക്രട്ടറി
മണക്കാട് ഗ്രാമപഞ്ചായത്ത്

N.B:- ഈ ലൈസൻസ് അവസാനിക്കുന്ന തീയതിക്ക് 30 ദിവസം മുൻ ലൈസൻസ് പുതുക്കുന്നതിനുള്ള ഫീസ് ഒടുക്കുവരുത്തേണ്ടതാണ്.

Copy of Panchayat license

Annexure No.5

No. 890/M3/2017

Directorate of Mining & Geology
Kesavadasapuram, Pattom P.O.
Thiruvananthapuram-4
Tel: 0471-2447429
Fax: 0471-2447429
E.mail: director.dir.dmg@kerala.gov.in
Web: www.dmg.kerala.gov.in
Dated: 01/10/2018

From
The Director of Mining & Geology

To
Shri. George Kochuparambil,
Kochuparambil House,
Vazhithala. P. O,
Thodupuzha,
Idukki District – 685 583

Sir,

Sub: Mining & Geology - Mines and Minerals - Minor Minerals- Granite Building Stone - Preparation and execution of quarrying lease deed – reg.

Ref: 1. Pro. Order No. 451/2018-19/890/M3/2017/DMG Dated: 01/10/2018
2. Kerala Minor Mineral Concession Rules, 2015
3. Kerala Minerals (Prevention of illegal Mining, Storage & Transportation) Rules, 2015.
4. Mines & Minerals (Development & Regulation) Act, 1957.

Please refer to the Proceedings Order cited above wherein a quarrying lease for Granite (Building Stone) is granted to **Shri. George Kochuparambil, Kochuparambil House, Vazhithala. P. O, Thodupuzha, Idukki District – 685 583. A draft copy of quarrying lease deed in Form H is enclosed.** I request you to prepare three copies of the quarrying lease deed, original on plain paper and two copies of the same in stamped paper worth Rs. 500/- and produce the same before the **Geologist, District Office, Idukki** for scrutiny and execution. The date of execution will be filled by the Geologist at the time of execution or you fill in the date after getting confirmation from the District Geologist. After scrutiny of the quarrying lease deed, the Geologist will inform you the date of execution convenient to him. You have to be present in person at the District Office on such date with two witnesses for execution of deed. It may be noted that the survey map based on which lease is granted to you forms a part of the deed and same has to be included in the lease deed. The signature of the lessee and lessor has to be affixed in the survey map also. After execution of deed, as per the request of the District Geologist stamp duty shall be fixed by District Registrar. On remittance of stamp duty, a certificate of remittance of stamp duty will be entered in the lease deed by the Registrar. The lease deed has to be registered by the office of the Registration Department concerned. After registration, the documents have to be produced before the District Geologist.

A chalan for **Rs. 1,22,987/- (Rupees one lakh twenty two thousand nine hundred and eighty seven only)** being the security deposit is enclosed herewith duly countersigned. Please affix your signature at the appropriate places before remittance of money in the treasury. The original treasury receipted chalan may also be produced along with the typed copies of the lease deed before the Geologist, District Office, Idukki at the time of execution.

g

Please note that the quarrying lease deed has to be executed within a period of six months from the date on which quarrying lease has been granted and got registered in accordance with the Registration Act, 1908 vide Rules 44 of the Kerala Minor Mineral Concession Rules, 2015.

Before starting quarrying operations you have to send 2 copies of notice in attached Form D to the Director (Mining), Directorate General of Mines Safety, No. 5, 14th Main (100ft) Road, 4th B Block, Koramangla, Bangaluru – 560 034 and one copy to District Magistrate concerned.

Yours faithfully,

[Signature]
DIRECTOR OF MINING & GEOLOGY

Encl (applicant):

1. Proceedings order
2. Draft Form H
3. Form D
4. Countersigned Chalan

Copy to:

[Signature]
The Geologist, District Office, Idukki for further necessary action.
(Ref your letters No. DOI/1485/M/16 dated 11/01/2017, 27/07/2018)

You are instructed to execute the lease deed as and when it is received. The Proceedings Order cited as reference I, original survey map and draft Form H are enclosed herewith. The survey map forms a part of lease deed and the signatures of both lessor and lessee. A copy of the lease deed may be forwarded to this office soon after registration. Please ensure that the area under this grant is demarcated and boundary stones maintained properly before execution of the lease deed.

You may ensure remittance of security deposit, surface rent etc. for the amount specified in the lease order. You may also obtain financial guarantee from the lessee for the amount specified in the lease order.

You are also instructed to obtain and forward the Form D to this office. Since Form D is a statutory document, no movement permits shall be issued to lessee if lessee fails to prove that he had sent notice in Form D to the Director (Mining), Directorate General of Mine Safety, No. 5, 100ft Road, 17th Main, Koramangala 4th Block Bengaluru, Karnataka – 560 034 and District Magistrate.

You are further instructed to forward photocopies of the registered lease deed to the Director of Mines Safety, Bangaluru & District Collector. Please ensure that the lessee is observing the requirements as per mining plan, lease grant order, form H and KMMC Rules, 2015.

Encl: (District Geologist)

1. Original Survey Map
2. Draft Form H
3. Proceedings order

**PROCEEDINGS OF THE ADDITIONAL DIRECTOR OF MINING & GEOLOGY,
THIRUVANANTHAPURAM, KERALA**
(Present Shri. T K Ramakrishnan)

- Sub:* Department of Mining & Geology, Government of Kerala - Mines & Minerals - Minor Minerals - Granite (Building Stone) - Quarrying Lease to Shri. George Kochuparambil, Kochuparambil House, Vazhithala. P. O, Thodupuzha, Idukki District - 685 583 - sanctioned-orders-issued.
- Ref:* 1 Application dated 17/10/2016 from Shri. George Kochuparambil, Kochuparambil House, Vazhithala. P. O, Thodupuzha, Idukki District - 685 583.
- 2 Letter No. DOI/1485/M/16 dated 11/01/2017, 09/02/2017, 27/07/2018 from the Geologist, District Office, Idukki
- 3 Letter of Intent No. 890/M3/2017 dtd 10/02/2017 issued by Director of Mining and Geology
- 4 Environmental clearance No. 56/2018 issued vide Pro. Order No. 1137/EC/SEIAA/KL/2017 dtd. 17/03/2018 by the State Environment Impact Assessment Authority, Kerala (valid till 16/03/2023)
- 5 Integrated consent to operate No. 0181DKCTOA7515269 dt. 16.07.2018 issued by Kerala State Pollution Control Board, Idukki (valid till 15/07/2023)
- 6 Explosive License No. E/SC/KL/22/1730(E72220) dated 29/06/2018 issued by Petroleum and Explosive Safety Organization, Ernakulam (valid till 31.03.2019)
- 7 Dangerous and Offensive Trade License No. A4/107/2018-19 dated 26/07/2018 issued by Manakkad Grama Panchayat (valid till 31.03.2019)
- 8 Mines and Minerals (Development & Regulation) Act, 1957.
- 9 Kerala Minor Mineral Concession Rules, 2015
- 10 Kerala Minerals (Prevention of Illegal Mining, Storage & Transportation) Rules 2015
- 11 Pro. Order No. 153/2010-11/2326/M3/2010 dt. 03.06.2010
- 12 Pro. Order No. 405/2013-14/3099/M3/2013 dt. 12.09.2013
- 13 Pro. Order No. 431/2018-19/890/M3/2017/DMG dt. 24.09.2018
- 14 Pro. Order No. 432/2018-19/790/M3/2017/DMG dt. 24.09.2018
- 15 Letter dt. 11.09.2018 from Shri. George Kochuparambil, Kochuparambil House, Vazhithala. P. O, Thodupuzha, Idukki District - 685 583

No. 451/2018-19/890/M3/2017/DMG Dated, Thiruvananthapuram 01/10/2018

ORDER

Shri. George Kochuparambil, Kochuparambil House, Vazhithala. P. O, Thodupuzha, Idukki District - 685 583 (Aadhaar No. 9275 7836 6510) submitted an application vide

✓

Page 1 of 7

reference first cited to obtain quarrying lease to quarry Granite (Building Stone) over an area of **12.2987** Hectares of land (as per the survey map issued by Tahsildar, Thodupuzha) comprised in **Re - Survey Block No. 11, Re - Survey Nos. 354/4, 354/5, 355/1pt, 351/1pt, 350, 352/1pt** of **Manakkad Village, Thodupuzha Taluk, Idukki District**. Vide letter dated 11/01/2017 the District Geologist, Idukki has intimated that the applied area was previously quarried with the strength of two quarrying leases and permits and that a total quantity of 8,48,656 tonnes of Granite (building stone) was already removed from the said area. District Geologist has also intimated that as on date of application, there is no dues against the applicant.

Based on the merit of the application and the enclosed mandatory documents including survey map, possessions certificates, demarcation certificate and land assignment certificate issued by Revenue Authorities and based on the recommendation of the District Geologist, a letter of intent was issued to the applicant vide reference cited 3 intimating the intention of the department to grant quarrying lease subject to production of approved mining plan and other statutory licenses. The District Geologist forwarded the mining plan (prepared by Shri. Mukesh Suroliya, Recognized Qualified Person - Reg. No. RQP/AJM/321/2010/A) approved by him and other statutory licenses submitted by the applicant to this office. In the approved mining plan it is mentioned that the life of mine is 15 years and mineable mineral reserve of granite (building stone) in the applied area is 59,80,285 tonnes and that it is proposed to mine 4,00,000 tonnes of granite (building stone) for 12 years with an annual production of 4,00,000 tonnes. As the area applied for lease includes the area under existing leases the applicant requested for surrender of existing leases and it was allowed as per the reference 13 and 14 and the deed of surrender of leases were registered at the Sub Registrar Office, Thodupuzha on 28/09/2018. Since the applicant has produced all statutory documents as per the Letter of Intent, it is decided to grant a quarrying lease in the said land and hence following orders are issued:

A quarrying lease is hereby granted **Shri. George Kochuparambil, Kochuparambil House, Vazhithala. P. O, Thodupuzha, Idukki District - 685 583 (Aadhaar No. 9275 7836 6510)** to quarry Granite (Building Stone) over an area of **12.2987** Hectares of land (as per the survey map issued by Tahsildar, Thodupuzha) comprised in **RE - Survey Block No. 11, Re - Survey Nos. 354/4, 354/5, 355/1pt, 351/1pt, 350, 352/1pt** of **Manakkad Village, Thodupuzha Taluk, Idukki District - 685 583** for **12 (Twelve)** years as per the Kerala Minor Mineral Concession Rules, 2015, subject to the conditions mentioned below.

Page 2 of 7

Lease Order

Annexure No.6

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11th Meeting of the environment Monitoring committee held on 28-08-2020.

The 10th meeting minutes were reviewed. It was agreed that the periodical medical examination of employees can be held at a later stage when the hospitals becomes free from ~~the~~ covid-19 pandemic.

New Points.

1. Quarry operations were suspended from 5th August to 21st August 2020 by order from District collector in view of a weather forecast of heavy rains in district.

There was not much rain this year and so the quarry roads and benches are not affected.

2. A stock count of solar energy use was done by the members. Accordingly there are 3 lights, a solar heater in mess, and solar energy for mine camera is in use.

It was suggested to install solar lights at all 3 magazines

3. Lightning arresters are installed in office, Crusher Plant, & in all 3 explosive magazines.
4. Member Sri Josephy K.V. Confirmed tree plantation and ~~and~~ has preserved bills of purchase of plants.
5. Rainy season is almost over. Water sprinkling tanks are ready to be used. The water jet on top of tanks under repair and will be ready soon.

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6. CSR activities are much ahead as per Mr Poasanth & Mr Joseph K.Y. Proper account and bills are maintained.
7. Blasting Time: A triparty agreement is reached between village Panchayat and neighbouring quarry. After receiving the letter, the sign boards are to be changed with new time.
6. Air and water quality was tested in the month of May 2020. Noise and vibration test are to be arranged in future.
7. There is some stock of spent oil. This has to be sold to authorised agency and bills to be obtained.
8. There is a plan to work at topmost bench. It is reminded to all ^{concerned} to maintain the buffer zone of 7.5 metres from the lease boundary.
9. As per the new G.O.I circular, pollution test is must for all registered vehicles. Also the Insurance Regulatory Authority of India (IRAI) has cautioned that claims will not be settled in the absence of pollution test certificate.

Members

1. Mr. Baly. P. Parlose. — *[Signature]*
 2. Mr Joseph K.Y. — *[Signature]*
 3. Mr. Poasanth P.P. — *[Signature]*
 4. Mr. Jany Joy — *[Signature]*
 5. Mr. John Peter *[Signature]*
- [Signature]*
(Sonu Jose)
Chairman

Annexure No.7



കേരളം കേരल KERALA

547173

AFFIDAVIT

George Kochuparambil, S/o Emmanuel K George, residing at Kochumarambil House, Vengaloor Kara, Vazhithala P.O., Pin 685583, Manakkadu Village, Thodupuzha Taluk, Idukki District, do hereby affirm and confirm as follows:-

1. That, I, proposes to develop a Quarry Project in Re-Survey Nos. 354/4, 354/5, 355/1pt., 351/1pt., 350, 352/1pt, at Manakkad Village, Manakkad Grama Panchayat, Thodupuzha Taluk, Idukki District, Kerala.
2. That, the Environment Clearance proceedings number and date are Order No. 1137/EC/SEIAA/KL/2017 dt. 17-03-2018.
3. That, all the conditions stipulated in the Environment Clearance would be scrupulously followed.

DEPONENT: GEORGE KOCHUPARAMBIL

Verification :

Verified that my above statements are true to the best of my knowledge and belief and nothing material has been concealed therein.

DEPONENT: GEORGE KOCHUPARAMBIL

Place : Idukki
Date : 13-04-2018

Solemnly affirmed and signed before me by the deponent known to me on this the... 13th day of ... April ... 20... 18... at my office at Thodupuzha



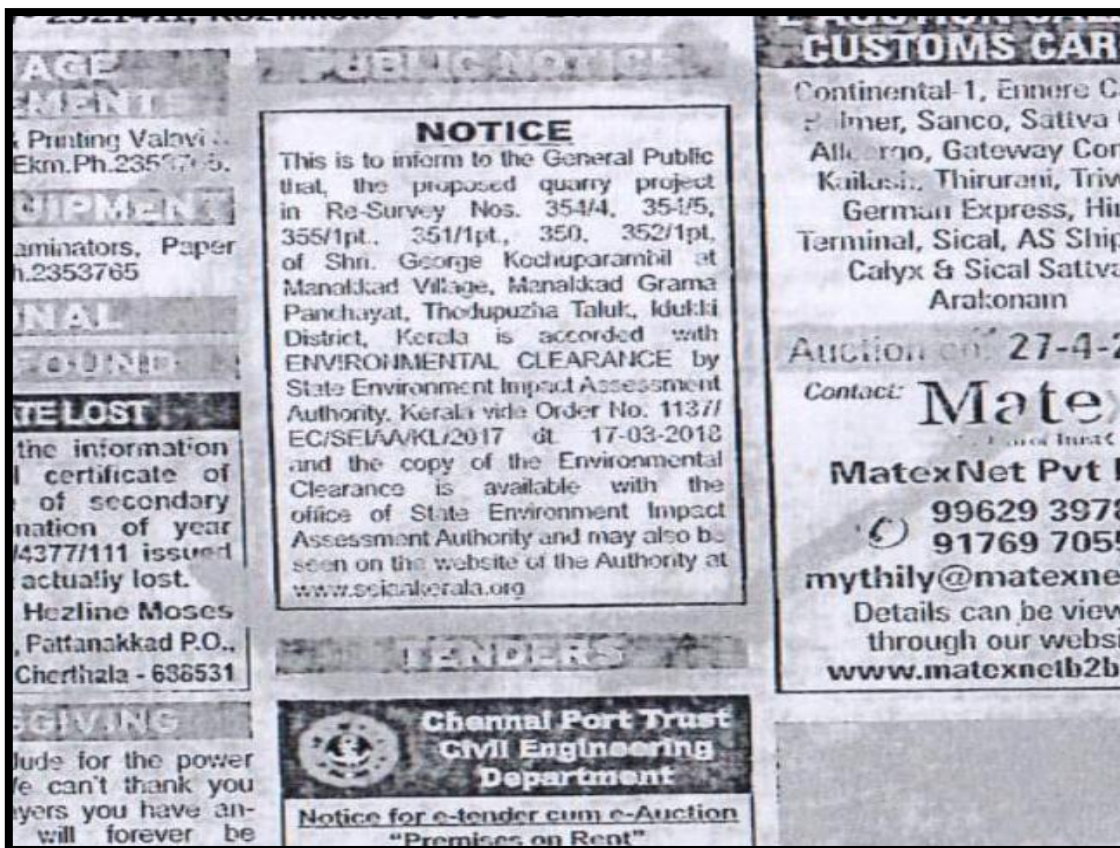
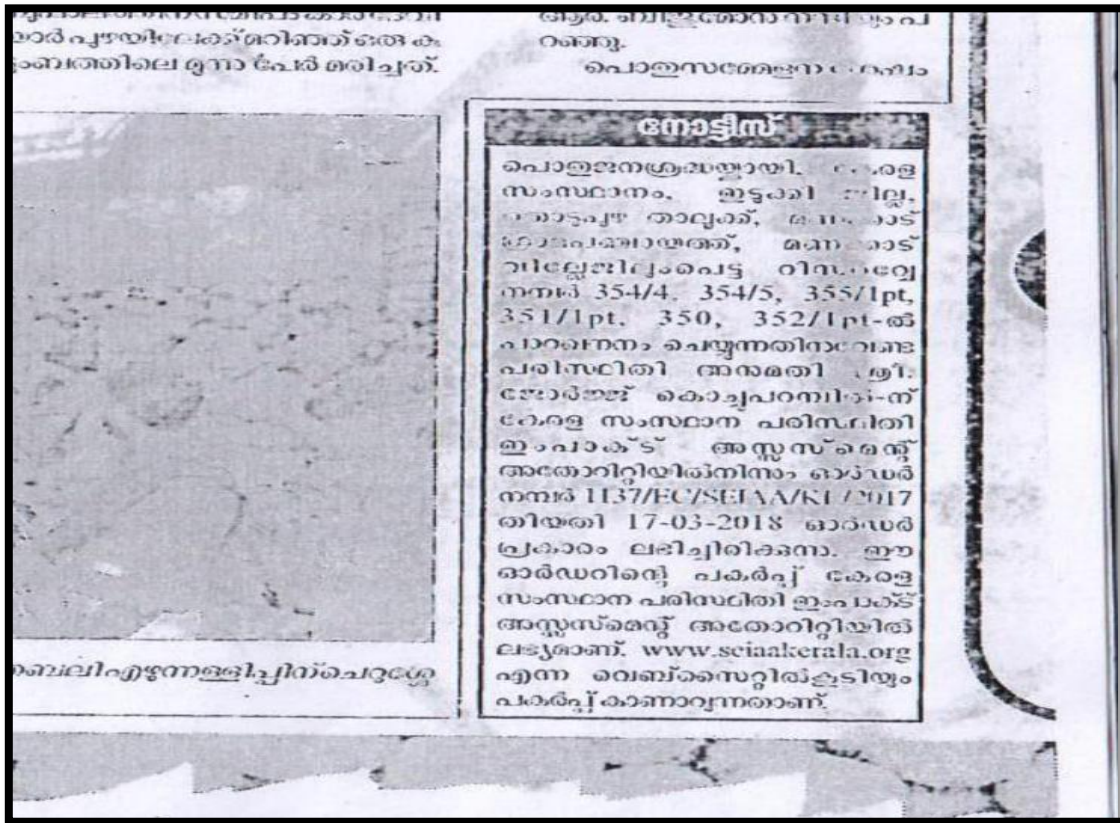
JAYISON J. PUTHUMANATHOTTU
NOTARY PUBLIC
THODUPUZHA, IDUKKI DISTRICT
KERALAS TEL NO. 985583
PH: 9447664322
Date: 13/4/2018
George Kochuparambil
Kochuparambil (K)

Jayison J. Puthu Mananthottu
K. K. MURALI




Affidavit

Annexure No.8



Newspaper Advertisement

Annexure No.9



Moolechalil Biotech

Tissue Culture Teak Nursery

Erattupetta, 6th Mile (Pala Road)
PH: 9447662405, 9446985716
 Br. Nellikutti Chemberi, Kannur Dt., **Ph : 9847519115**
 www.keralatimbers.com, E-mail: kevinrejim@yahoo.co.in
 An ISO 9001 - 2015 Certified Nursey


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No. Date. 5/9/20

To. *United Granites and Metals*
Vazhithalappo. Ph. 9961478278

Rate	Particulars	Qty.	Rs.
130	Tissue culture	3157	40950
	Teak Plants	2	
	discount		3150
	TOTAL		37800

Rupees.....

Signature 

Plant Bill

Annexure No.10



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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/2985/2020
Mr. George Kochuparambil Kochuparambil House Vazhithala P.O Thodupuzha, Idukki Kerala	Date of issue:	21/05/2020
	Date of monitoring	15/05/2020 10.00 Hrs to 16/05/2020 10.00 Hrs
	Date of sample received:	16/05/2020
	Date of analysis	16/05/2020
	Monitoring Location	M/s. United Granites & Metals Re Sy No: 354/4,354/5,355/1pt,351/1pt, 350,352/1pt Village: Manakkad Taluk: Thodupuzha District: Idukki, Kerala
	Sample description	Ambient air –East Side
	Sample code given by client	Nil

SL NO	PARAMETERS	TEST METHOD	RESULTS	Limit as per NAAQS
01	Particulate Matter (PM ₁₀)	IS 5182 Part 23 2006 RA 2012	45.2 µg/m ³	100 µg/m ³
02	Particulate Matter (PM _{2.5})	CPCB	20.3 µg/m ³	60 µg/m ³
03	Sulphur dioxide	IS 5182 Part 2 2001 RA 2017	2.6 µg/m ³	80 µg/m ³
04	Nitrogen dioxide	IS 5182 Part 06 2006 RA2017	3.7 µg/m ³	80 µg/m ³

Note: NAAQS-National Ambient Air Quality Stan

* 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
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SREEJA RAMESH

ANALYSIS OF AMBIENT AIR, STACK EMISSION, SOUND, LIGHT, WATER, EFFLUENT, SOIL, SPICES, FOOD TEA, OIL, FERTILISERS, BASIC CHEMICALS, PESTICIDE RESIDUES, HEAVY METALS AND MICROBIOLOGY



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Page 01 of 01

Client Name & Address	Certificate No:	PL/AMB/RT/2985/2020
Mr. George Kochuparambil Kochuparambil House Vazhithala P.O Thodupuzha, Idukki Kerala	Date of issue:	21/05/2020
	Date of monitoring	15/05/2020 10.00 Hrs to 16/05/2020 10.00 Hrs
	Date of sample received:	16/05/2020
	Date of analysis	16/05/2020
	Monitoring Location	M/s. United Granites & Metals Re Sy No: 354/4,354/5,355/1pt,351/1pt, 350,352/1pt Village: Manakkad Taluk: Thodupuzha District: Idukki, Kerala
	Sample description	Ambient air –East Side
	Sample code given by client	Nil

SL NO	PARAMETERS	TEST METHOD	RESULTS	Limit as per NAAQS
01	Particulate Matter (PM ₁₀)	IS 5182 Part 23 2006 RA 2012	45.2 µg/m ³	100 µg/m ³
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Note: NAAQS-National Ambient Air Quality Stan

* End of the Report*


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GREEJA RAMESH
Authorized Signatory

ANALYSIS OF AMBIENT AIR, STACK EMISSION, SOUND, LIGHT, WATER, EFFLUENT, SOIL, SPICES, FOOD TEA, OIL, FERTILISERS, BASIC CHEMICALS, PESTICIDE RESIDUES, HEAVY METALS AND MICROBIOLOGY

Ambient Air

Annexure No. 11



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TEST REPORT Page 01 of 01

Client Name & Address	Certificate No:	PL/RT/SD/2986/2020
Mr. George Kochuparambil Kochuparambil House Vazhithala P.O Thodupuzha, Idukki Kerala	Date of issue:	21/05/2020
	Date of monitoring	15/05/2020 10.00 Hrs to 16/05/2020 10.00 Hrs
	Monitoring Location	M/s. United Granites & Metals Re Sy No: 354/4,354/5,355/1pt,351/1pt, 350,352/1pt Village: Manakkad Taluk: Thodupuzha District: Idukki, Kerala
	Sample Description	Ambient Sound Level (Leq)

Monitoring Location	Time	Results
East Side	10.00 Hrs	44.6 dB (A)
	11.00 Hrs	45.2 dB (A)
	12.00 Hrs	48.7 dB (A)
	13.00 Hrs	49.6 dB (A)
	14.00 Hrs	51.2 dB (A)
	15.00 Hrs	48.6 dB (A)
	16.00 Hrs	47.6 dB (A)
	17.00 Hrs	46.2 dB (A)
	18.00 Hrs	44.2 dB (A)
	19.00 Hrs	43.2 dB (A)
	20.00 Hrs	39.8 dB (A)
	21.00 Hrs	38.4 dB (A)
	22.00 Hrs	36.2 dB (A)
	23.00 Hrs	35.2 dB (A)
	00.00 Hrs	34.2 dB (A)
	01.00 Hrs	33.6 dB (A)
	02.00 Hrs	32.7 dB (A)
	03.00 Hrs	36.3 dB (A)
	04.00 Hrs	37.4 dB (A)
	05.00 Hrs	38.5 dB (A)
06.00 Hrs	39.6 dB (A)	
07.00 Hrs	42.3 dB (A)	
08.00 Hrs	43.2 dB (A)	
09.00 Hrs	44.5 dB (A)	
Leq (Day time)		48.6 dB (A)
Leq (Night time)		34.2 dB (A)

*End of the Report *

For Poluchem Laboratories (P) Ltd.

SREEJA
Authorized Signatory

ANALYSIS OF AMBIENT AIR, STACK EMISSION, SOUND, LIGHT, WATER, EFFLUENT, SOIL, SPICES, FOOD TEA, OIL, FERTILISERS, BASIC CHEMICALS, PESTICIDE RESIDUES, HEAVY METALS AND MICROBIOLOGY

Ambient Noise

Annexure No. 12

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TEST REPORT

Page 01 of 02

Ref.No. PL/RT/BW/2988/2020
Name & address of customer

Date of Issue: 21/05/2020

: Mr. George Kochuparambil
Kochuparambil House
Vazhithala P.O

Thodupuzha, Idukki, Kerala

Project Site

: M/s. United Granites & Metals

Re Sy No: 354/4,354/5,355/1pt,351/1pt,
350,352/1pt

Village: Manakkad

Taluk: Thodupuzha

District: Idukki, Kerala

Sample drawn by
Sample description
Location of sampling
Date of sample collected
Date of analysis started
Date of completion of analysis: PoluChem Laboratory Sample Collector
: Water Sample
: Pond Water
: 16/05/2020
: 16/05/2020
: 20/05/2020

Parameters tested	Test method	Results	Acceptable Limit As Per IS 10500-2012
Color	IS 3025 (P) 04 – 1983 RA2017	12 Hazen Unit	5 Hazen Unit
Odour	IS 3025 (P) 05 – 1983 RA2017	Agreeable	Agreeable
Turbidity	IS 3025 (P) 10 – 1984 RA2017	4 NTU	1 NTU
pH	IS 3025 (P) 11 – 1983 RA 2017	5.78	6.5 – 8.5
Total Dissolved Solids	IS 3025 (P) 16 – 1984 RA2017	47 mg/l	500 mg/l
Total Hardness as CaCO ₃	IS 3025 (P) 21 – 1983 RA2014	16.3 mg/l	200 mg/l
Total Alkalinity as CaCO ₃	IS 3025 (P) 23 – 1986 RA2014	9.6 mg/l	200 mg/l
Residual Chlorine	IS 3025 (P) 26 – 1986 RA2014	BDL	0.2 mg/l
Chloride as Cl ⁻	IS 3025 (P) 32 – 1988 RA2014	8.97 mg/l	250 mg/l
Calcium as Ca	IS 3025 (P) 40 – 1991 RA2014	4.12 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 – 1994 RA2014	1.3 mg/l	30 mg/l
Total Iron as Fe	IS 3025 (P) 53 – 2003 RA2014	0.68 mg/l	0.3 mg/l
Sulphate as SO ₄	IS 3025 (P) 24 – 1986 RA2009	10.3 mg/l	200 mg/l
Fluoride as F	IS 3025 (P) 60 -2008 RA 2013	BDL	1.0 mg/l

Note : BDL – Below Detection Level

For PoluChem Laboratories (P) Ltd.

SREEJA RAMESH
Authorized signatoryANALYSIS OF AMBIENT AIR, STACK EMISSION, SOUND, LIGHT, WATER, EFFLUENT, SOIL, SPICES, FOOD
TEA, OIL, FERTILISERS, BASIC CHEMICALS, PESTICIDE RESIDUES, HEAVY METALS AND MICROBIOLOGY

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Page 02 of 02

Continuation of Test Certificate No: 2988/2020

Parameters tested	Test method	Results	Acceptable Limits As per IS-10500-2012
Selenium as Se	IS 3025 (P)56 -2003 RA2014	BDL	0.01 mg/l
Arsenic as As	IS 3025(P) 37- 1988 RA2014	BDL	0.01 mg/l
Copper as Cu	IS 3025(P) 42- 1992 RA2014	BDL	0.05 mg/l
Manganese as Mn	IS 3025(P) 59- 2006 RA2017	BDL	0.1 mg/l
Cadmium as Cd	IS 3025(P) 41- 1992 RA2014	BDL	0.003 mg/l
Chromium as Cr	IS 3025 (P)52 - 2003 RA2014	BDL	0.05 mg/l
Zinc as Zn	IS 3025 (P)49 - 1994 RA2014	BDL	5 mg/l
Mercury as Hg	IS 3025(P) 48 - 1994 RA2014	BDL	0.001 mg/l
Cyanide as CN	IS 3025(P)27-1986 RA2014	BDL	0.05 mg/l
Lead as Pb	IS 3025(P) 47- 1994 RA2014	BDL	0.01 mg/l
Aluminum as Al	IS 3025(P) 55- 2003 RA2014	BDL	0.03 mg/l
Boron as B	IS 3025(P) 57- 2005 RA2017	BDL	0.5 mg/l

Note : BDL - Below Detection Level

MICROBIOLOGY ANALYSIS

Parameters tested	Unit	Test method	Results	Acceptable Limit As per IS - 10500-2012
Coliforms	MPN/100ml	IS 1622: 1981 RA 2009	110	Absent
E coli	Present or Absent/100ml	IS 1622: 1981 RA 2009	Absent	Absent

For PoluChem Laboratories (P) Ltd.

Authorized signatory

* End of the report*

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ANALYSIS OF AMBIENT AIR, STACK EMISSION, SOUND, LIGHT, WATER, EFFLUENT, SOIL, SPICES, FOOD
TEA, OIL, FERTILISERS, BASIC CHEMICALS, PESTICIDE RESIDUES, HEAVY METALS AND MICROBIOLOGY



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TEST REPORT

Page 01 of 02

Ref.No. PL/RT/BW/2987/2020

Date of Issue: 21/05/2020

Name & address of customer

: Mr. George Kochuparambil
Kochuparambil House
Vazhithala P.O

Thodupuzha, Idukki, Kerala

Project Site

: M/s. United Granites & Metals

Re Sy No: 354/4,354/5,355/1pt,351/1pt,
350,352/1pt

Village: Manakkad

Taluk: Thodupuzha

District: Idukki, Kerala

Sample drawn by

: PoluChem Laboratory Sample Collector

Sample description

: Drinking Water

Location of sampling

: Bore Well Water

Date of sample collected

: 16/05/2020

Date of analysis started

: 16/05/2020

Date of completion of analysis

: 20/05/2020

Parameters tested	Test method	Results	Acceptable Limit As Per IS 10500-2012
Color	IS 3025 (P) 04 – 1983 RA2017	8 Hazen Unit	5 Hazen Unit
Odour	IS 3025 (P) 05 – 1983 RA2017	Agreeable	Agreeable
Turbidity	IS 3025 (P) 10 – 1984 RA2017	2 NTU	1 NTU
pH	IS 3025 (P) 11 – 1983 RA 2017	6.57	6.5 – 8.5
Total Dissolved Solids	IS 3025 (P) 16 – 1984 RA2017	108 mg/l	500 mg/l
Total Hardness as CaCO ₃	IS 3025 (P) 21 – 1983 RA2014	36.5 mg/l	200 mg/l
Total Alkalinity as CaCO ₃	IS 3025 (P) 23 – 1986 RA2014	21.4 mg/l	200 mg/l
Residual Chlorine	IS 3025 (P) 26 – 1986 RA2014	BDL	0.2 mg/l
Chloride as Cl ⁻	IS 3025 (P) 32 – 1988 RA2014	16.3 mg/l	250 mg/l
Calcium as Ca	IS 3025 (P) 40 – 1991 RA2014	8.97 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 – 1994 RA2014	2.36 mg/l	30 mg/l
Total Iron as Fe	IS 3025 (P) 53 – 2003 RA2014	0.34 mg/l	0.3 mg/l
Sulphate as SO ₄	IS 3025 (P) 24 – 1986 RA2009	13.4 mg/l	200 mg/l
Fluoride as F	IS 3025 (P) 60 -2008 RA 2013	BDL	1.0 mg/l

Note : BDL – Below Detection Level

For PoluChem Laboratories (P) Ltd.

Authorized signatory

SREEJA RAMESH
Quality Control

ANALYSIS OF AMBIENT AIR, STACK EMISSION, SOUND, LIGHT, WATER, EFFLUENT, SOIL, SPICES, FOOD
TEA, OIL, FERTILISERS, BASIC CHEMICALS, PESTICIDE RESIDUES, HEAVY METALS AND MICROBIOLOGY



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Page 02 of 02

Continuation of Test Certificate No: 2987/2020

Parameters tested	Test method	Results	Acceptable Limits As per IS-10500-2012
Selenium as Se	IS 3025 (P)56 -2003 RA2014	BDL	0.01 mg/l
Arsenic as As	IS 3025(P) 37- 1988 RA2014	BDL	0.01 mg/l
Copper as Cu	IS 3025(P) 42- 1992 RA2014	BDL	0.05 mg/l
Manganese as Mn	IS 3025(P) 59- 2006 RA2017	BDL	0.1 mg/l
Cadmium as Cd	IS 3025(P) 41- 1992 RA2014	BDL	0.003 mg/l
Chromium as Cr	IS 3025 (P)52 - 2003 RA2014	BDL	0.05 mg/l
Zinc as Zn	IS 3025 (P)49 - 1994 RA2014	BDL	5 mg/l
Mercury as Hg	IS 3025(P) 48 - 1994 RA2014	BDL	0.001 mg/l
Cyanide as CN	IS 3025(P)27-1986 RA2014	BDL	0.05 mg/l
Lead as Pb	IS 3025(P) 47- 1994 RA2014	BDL	0.01 mg/l
Aluminum as Al	IS 3025(P) 55- 2003 RA2014	BDL	0.03 mg/l
Boron as B	IS 3025(P) 57- 2005 RA2017	BDL	0.5 mg/l

Note : BDL - Below Detection Level

MICROBIOLOGY ANALYSIS

Parameters tested	Unit	Test method	Results	Acceptable Limit As per IS - 10500-2012
Coliforms	MPN/100ml	IS 1622: 1981 RA 2009	Absent	Absent
E coli	Present or Absent/100ml	IS 1622: 1981 RA 2009	Absent	Absent

For PoluChem Laboratories (P) Ltd.

Authorized signatory

SREEJA RAMESH
 Quality Manager
 PoluChem Laboratories (P) Ltd.

* 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.

ANALYSIS OF AMBIENT AIR, STACK EMISSION, SOUND, LIGHT, WATER, EFFLUENT, SOIL, SPICES, FOOD
 TEA, OIL, FERTILISERS, BASIC CHEMICALS, PESTICIDE RESIDUES, HEAVY METALS AND MICROBIOLOGY

Ambient water

Annexure No. 13

ക്ലിമന്റ് ഇമ്മാനുവൽ
മെമ്പർ - വാർഡ് 11
മനക്കാട് ഗ്രാമപഞ്ചായത്ത്
ഫോൺ : 04862 202248



മംഗലത്ത്
കോലടി, വഴിത്തല പി.ഒ.
ഫോൺ : 04862 273544
മൊബൈൽ : 9447259630, 9744524722

തീയതി.....18/06/2020

To,

GEORGE KOCHUPARAMBIL
UNITED GRANITE & METALS, VAZHITHALA.

മനക്കാട് ഗ്രാമപഞ്ചായത്തിൽ XI-10 വാർഡിൽ
36A നമ്പർ മെമ്പർഷിപ്പിൽ വിട്ടിൽ വഴിത്തലയിൽ ഓരോ
നടത്തിയിരുന്ന ശ്രീ. അനൂപ് എ.എൻ എന്നയാൾ
അഴിഞ്ഞ ദിവസം ഉണ്ടായ അപകടത്തിൽ ലൈംഗിക
പ്രകാരമായി പരിക്കേറ്റു വീരൻ താഴെ അറിഞ്ഞി
രിക്കുമല്ലോ, നല്ലവരായ നാട്ടുകാരുടെയും സുഹൃത്തു
ക്കളുടെയും സഹായം തേടിയാണ് Hospital-യിലേക്ക്
നടന്നത്. ദീർഘ കാലമായി നടന്നതിൽ
കൂടാതെ പത്തു ലക്ഷം രൂപയോളം ചിലവടയും,
താഴെപ്പറഞ്ഞ സഹായത്തിലേക്ക് CSR fund-ൽ നിന്നും
സഹായം തേടി അനൂപിനെ ജീവിതത്തിലേക്ക്
മടക്കി കൊണ്ടുവരുവാൻ സഹായിക്കണമെന്ന്
അഭ്യർത്ഥിക്കുന്നു.

CLEMENT EMMANUEL
Member, Ward - XI
Manakad Grama Panchayat



Account Name : UNITED GRANITES AND METALS
Address : VAZHITHALA PO THODUPUZHA IDUKKI
 KOCHI
 KERALA-685583
 INDIA
Date : 2 Jul 2020
Account Number : 00000067186995608
Account Description : CA-GEN-PUB OTH-NONRURAL-INR
Branch : VAZHITHALA
Drawing Power : 0.00
Interest Rate(% p.a.) : 0.0
MOD Balance : 0.00
CIF No. : 77071204126
IFS Code : SBIN0070962
MICR Code : 685002911
Balance as on 27 May 2020 : 9,30,822.10

Account Statement from 27 May 2020 to 27 May 2020

Txn Date	Value Date	Description	Ref No./Cheque No.	Branch Code	Debit	Credit	Balance
27 May 2020	27 May 2020	WITHDRAWAL TRANSFER--	TRANSFER TO 67186992629 Mr. GEORGE KOCHUPARAM /	70962	30,000.00		9,00,822.10
27 May 2020	27 May 2020	TO CLEARING-IDB CHIEF MINISTERS DISTRESS-923475	/ 923475	70578	7,50,000.00		1,50,822.10

**This is a computer generated statement and does not require a signature.

വത്സാ ജോൺ
പ്രസിഡന്റ്
മണക്കാട് ഗ്രാമപഞ്ചായത്ത്
ഫോൺ : 04862-202248



ആൽപാറത്തൊട്ടിയിൽ
പുതുപ്പുതിയാരം പി.ഒ. - 685 608
മൊബൈൽ : 9496045102, 9495254125
ഇ-മെയിൽ : manakkadgp@gmail.com

തീയതി. 05.05.2020

ജോർജ്ജ് കൊച്ചുപറമ്പിൽ
ഗ്ലൗസെറ്റഡ് ഓരൈനറ്റഡ് ക്ലബ്ബ് റെറ്റർൻസ്
വഴിത്തല, തൊട്ടുപുഴ.

Sr,

കോവിഡ് 19 എന്ന മഹാമാരിയുടെ പ്രതിഭാധത്തിന്റെ ഭാഗമായി സർക്കാർ നടപ്പാക്കിയ Lockdown കാലഘട്ടത്തിൽ മണക്കാട് ഗ്രാമപഞ്ചായത്തിന്റെ XII, XIII വാർഡുകളിൽ, നാജുകൂടെ സ്ഥാപനത്തിൽ നിന്നും ഭേദപ്പെട്ട വാർഡുകളിലെ എല്ലാ സീട്ടുകളിലും പച്ചക്കറി, പലവൃണ്ണമ കിട്ട് നൽകിയത് ഓരോ അഭിനന്ദനം അർപ്പിക്കുന്ന പ്രശ്നത്തിലാണ്. രണ്ടു വാർഡുകളിലായി 500 സീട്ടുകൾക്ക് നാജുകൂടെ ഈ പ്രശ്നം ഓരോ സഹായകരമായി. ഇതിൽ പഞ്ചായത്ത് ഭരണ സ്ഥിതി ഗ്ലൗസെറ്റഡ് ഈ കുടുമങ്ങളുടെയും നല്ല ഞാൻ അറിവിട്ടു കൊടുക്കുന്നു.

വിദ്യുക്ത മധോദയം.

VALSA JOHN
President
Manakad Grama Panchayat

INVOICE

BRAHMINS RETAIL
 Vengalloor Bye-Pass Road, Manakkad P.O
 Thodupuzha, Kerala-685608
 EMail:brahminsretail@gmail.com
 GSTIN :32AAMFB0637L1Z1
 Ph:9446013200

Invoice No: K200003	P.O No:	Terms Of Delivery	<input type="checkbox"/> Original <input type="checkbox"/> Duplicate <input type="checkbox"/> Triplicate
Invoice Date: 11-04-2020	P.O Date:	Reverse Charge NO	
Name and Address of the Dealer UNITED GRANITES AND METALS VAZHITHALA-IN		Delivery Address VAZHITHALA-IN	

State Code	GSTIN	32AFJPK9650E1ZH	State Code	GSTIN	32AFJPK9650E1ZH
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SI No	HSN	Particulars	MRP	Unit Rate	Qty	Place of Supply				VAZHITHALA				Total
						Gross Value	Discoun	Taxable Value	CGST		SGST			
									Rate	Amount	Rate	Amount		
1	0902	AVT PREMIUM TEA 100 GM	30.00	27.62	55	1519.10	0.00	1519.10	2.50	37.98	2.50	37.98	1595.06	
2	0902	AVT PREMIUM TEA 100 GM	30.00	27.62	3	82.86	0.00	82.86	2.50	2.07	2.50	2.07	87.00	
3	0902	AVT PREMIUM TEA 100 GM	30.00	27.62	1	27.62	0.00	27.62	2.50	0.69	2.50	0.69	29.00	
	0713	BATRI DHALL BULK NEW	115.00	100.00	250	25000.00	0.00	25000.00	0.00	0.00	0.00	0.00	25000.00	
5	0904	BRAHMINS CHILLY POWDER 100 GM	32.00	27.62	500	13810.00	0.00	13810.00	2.50	345.25	2.50	345.25	14500.50	
6	0904	BRAHMINS CORIANDER POWDER 250 GM	60.00	47.62	500	23810.00	0.00	23810.00	2.50	595.25	2.50	595.25	25000.50	
7	0910	BRAHMINS SAMBAR POWDER 100GM	37.00	29.52	500	14760.00	0.00	14760.00	2.50	369.00	2.50	369.00	15498.00	
8	0907	CHOMS COCOUN OIL 500 ML	99.00	93.33	500	46665.00	0.00	46665.00	2.50	1166.63	2.50	1166.63	48998.26	
9	0713	GREEN GRAM BULK(MOONG) NEW	150.00	130.00	250	32500.00	0.00	32500.00	0.00	0.00	0.00	0.00	32500.00	
10	1006	PACHARI (BRAHMINS) BULK	42.00	38.00	2500	95000.00	0.00	95000.00	2.50	2375.00	2.50	2375.00	99750.00	
11	1701	SUGAR BULK NEW	43.00	39.00	500	19500.00	0.00	19500.00	2.50	487.50	2.50	487.50	20475.00	
12	1106	TEA POWDER BULK NEW	320.00	240.00	44	10584.00	0.00	10584.00	2.50	264.60	2.50	264.60	11113.20	
Total CGST TaxAmount			5643.97	Total	5603	283258.58	0.00	283258.58	5643.97		5643.97		294546.52	
Total SGST Tax Amount			5643.97	Round Off	0.48			Grand Total		294547.00				
Total Tax Amount			11287.94	Amount In Words Two Lakhs Ninety-Four Thousand Five Hundred Forty-Seven And Paise Zero Only										

Authorised Signatory

INVOICE

BRAHMINS RETAIL
Vengalloor Bye-Pass Road, Manakkad P.O
Thodupuzha, Kerala-685608
EMail: brahminsretail@gmail.com
GSTIN : 32AAMFB0637L1ZI
Ph: 9446013200

Invoice No: K200002	P.O No:	Terms Of Delivery	Original Duplicate Triplicate
Invoice Date: 11-04-2020	P.O Date:	Reverse Charge NO	
Name and Address of the Dealer UNITED GRANITES AND METALS VAZHITHALA- IN		Delivery Address VAZHITHALA- IN	
State Code	GSTIN	32AFJPK9650E1ZH	State Code
	GSTIN	32AFJPK9650E1ZH	
Phone :		Place of Supply VAZHITHALA	

SI No	HSN	Particulars	MRP	Unit Rate	Qty	Gross Value	Discoun	Taxable Value	CGST Rate	CGST Amount	SGST Rate	SGST Amount	Total	
1	0713	BATRI DHALL BULK NEW	115.00	100.00	25	2,500.00	0.00	2,500.00	0.00	0.00	0.00	0.00	2,500.00	
2	0904	BRAHMINS KASHMIRI CHILLY 100 GM	36.00	29.52	550	16,236.00	0.00	16,236.00	2.50	405.90	2.50	405.90	17,047.80	
	0910	BRAHMINS SAMBAR POWDER 100GM	37.00	29.52	550	16,236.00	0.00	16,236.00	2.50	405.90	2.50	405.90	17,047.80	
4	0910	BRAHMINS VEGETABLE CURRY MASALA 100G	43.00	29.52	550	16,236.00	0.00	16,236.00	2.50	405.90	2.50	405.90	17,047.80	
5	1008	RED MASOOR DHALL BULK NEW 1	120.00	100.00	250	25,000.00	0.00	25,000.00	0.00	0.00	0.00	0.00	25,000.00	
6	1701	SUGAR BULK NEW	43.00	39.00	275	10,725.00	0.00	10,725.00	2.50	268.13	2.50	268.13	11,261.26	
7	1106	TEA POWDER BULK NEW	320.00	240.00	55	13,200.00	0.00	13,200.00	2.50	330.00	2.50	330.00	13,860.00	
Total CGST Tax Amount			1,815.83	Total	2255	100,133.00	0.00	100,133.00		1,815.83		1,815.83	103,765.00	
Total SGST Tax Amount			1,815.83	Round Off		0.34							Grand Total	103,765.00
Total Tax Amount			3,631.66	Amount In Words One Lakhs Three Thousand Seven Hundred Sixty-Five And Paise Zero Only										

Authorised Signatory

Receipts/Vouchers of CSR/CER