

**M/S NELLIKUNNU GRANITE &
CRUSHER PVT. LTD**

COMPLIANCE REPORT

OCTOBER 2020 – MARCH 2021

KOZHIKODE DISTRICT

KERALA

NELLIKKUNNU GRANITE AND CRUSHER PVT Ltd

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Dt.06-04-2021

To,
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. 539/SEIAA/EC4/3882/2014

**Sub :- Environment Clearance – Quarry project at Maruthonkara village,
Maruthonkara Panchayat, Vatakara, Kozhikode District, Kerala.– Compliance
Report – Second half - Reg.**

Respected Sir,

The Quarry (Building stone) project was accorded Environmental Clearance for 7.8991 ha. by order No. 539/SEIAA/EC4/3882/2014, dated 11-12-2015 by State Environmental Impact Assessment Authority, Kerala. The compliance report of **Second half** (October 2020 – March 2021) to the specific and general conditions of the Environment Clearance order is enclosed.

Thanking you,

Yours respectfully,

For M/s Nellikkunnu granite & crushers Pvt. Ltd

Mr. Hameed Cheruveri

Encl: - As Above



Copy to : The Chairman & The Member Secretary
State Environment Impact Assessment Authority (SEIAA)
'Devi Kripa', Pallimukku,
Pettah P.O., Thiruvananthapuram,
Kerala – 695 024.

COMPLIANCE REPORT
TO
THE CONDITIONS
OF
ENVIRONMENTAL CLEARANCE ORDER
NO: 539/SEIAA/EC4/3882/2014
DATED: 15.12.2015

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

AT
SURVEY NO. 523/1PART, 571/1PART & 567 PART
MARUTHONKARA VILLAGE, MARUTHONKARA PANCHAYAT,
VATAKARA,
KOZHIKODE DISTRICT, KERALA

BY
NELLIKKUNNU GRANITE & CRUSHERS PVT LTD
KOZHIKODE DISTRICT
KERALA

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INTRODUCTION

Quarry project of **M/s Nellikkunnu granite & crushers Pvt. Ltd**, is situated at survey Nos. 523/1part, 571/1part & 567 part at Maruthonkara village, Maruthonkara Panchayat, Vatakara, Kozhikode District, Kerala.

The quarry project was accorded with the environmental clearance (EC) by state environmental impact assessment authority on 15-12-2015. The half yearly compliance report needs to be submitted as part of general condition No.37 of Environmental Clearance order by the project proponent. The Second half compliance report to the specific conditions and general conditions of the Environmental Clearance for the period of **October 2020 – March 2021** is being submitted.

SALIENT FEATURES OF THE PROJECT

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 the O.M No. J-13012/12/2013-IA-II (I) dt.24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

Geographical location of the project site is in 11° 39' 03.17" N to 11° 38' 53.42" N and 75° 49' 42.25" E to 75° 49' 25.16" E. The land use classification as per revenue records is rocky land with private own land. The present land use is rocky land with quarrying activities. The quarry is interlinked with a Crusher unit located within the complex. The exploitation of mineral is being done from 171 m MSL to 71 m MSL. The ultimate depth of the mine workings is estimated to be 110 m MSL. The approximate total water demand is 16 KLD and total power requirement is 75 kw. The nearest house is located at 127m south west of the quarry.

BRIEF OF THE PROJECT

Type of Project	Quarry project (building stone)
Name of the project	M/s Nellikkunnu Granite & Crusher Pvt. Ltd.
Category of the project	B2
GPS Locations	11 ⁰ 39' 03.17" N to 11 ⁰ 38' 53.42" N 75 ⁰ 49' 42.25" E to 75 ⁰ 49' 25.16" E
Address for correspondence	M/s Nellikkunnu Granite & Crushers Pvt. Ltd. Nelliyote House, Paleri Post, Kozhikode, Kerala-673508
Name, Phone Number & e-mail id of responsible persons	1. Mr. Hameed Cheruveri Managing Director hameedc4444@gmail.com 08086004444 2. Anil kumar TA Manager 9744040093
Main Features	
Total area under Environment Clearance	07.8991 Ha.
Mineable reserves	87,50,000 MTA
Production	3,50,000MTA
Life of Mine	25 years
Highest and lowest elevation	171m MSL to 71 MSL
Crusher unit	Yes, within the project site
Environmental Settings	
Nearest stream	Kadantharapuzha, 0.5 km.
Nearest house	127 m, SW
Nearest town	Pasukkadavu, 2 km., NE
Nearest worship place	Noor Juma Masjid Centre Mukku, 1 km., E
Nearest hospital	Maruthonkara Govt. Dispensary, 6km, W
Seismic zone	Zone-III, Moderate damage risk zone as per BMTPC, Vulnerability atlas Seismic zone of India IS: 1893-2002.

COMPLIANCE REPORT (SPECIFIC CONDITIONS) PART A

PART - A – SPECIFIC CONDITIONS

01	Proper fencing and sign boards must be fixed all around.	Complied
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Compliance:

The project proponent will install fencing where it is necessary inside the mining area. Outer fencing will help to prevent the falling of animals/human being/dumping of garbage etc. The project has installed fencing around the mining area. The signage is installed in the project site. The photograph of barbed metal wire fencing and sign board is provided in **Plate No.1**. The copy of bill purchased for barbed wire is attached as **Annexure No.1**.

02	Entry of large vehicles may be restricted to the approach road	Complied
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Compliance:

At present, the small vehicles are being used for the transportation of minor minerals. As per the direction of State Environment Impact Assessment Authority (SEIAA), Kerala, the project has restricted entry of large vehicles along the approach road to the quarry site for transportation of minerals.

03	Retaining wall should be maintained at the lower slope to avoid leaching	Complied
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Compliance:

The project has constructed retaining wall at the lower slope to avoid leaching and runoff from the site. This will be maintained in a good manner to direct the storm water to the pond. The photograph of the retaining wall is provided as **Plate No. 2**.

04	To the extent possible local biodiversity management Committee shall be involved in the environmental management/restoration activities.	Noted
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Compliance:

The project proponent has given special thrust to environmental management in the project site. To the extent possible local bio diversity management committee will be involved in the environmental management/ restoration activities.

05	Reclamation and eco- restoration of quarry site should be done by planting native species.	Complied
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Compliance:

As part of concurrent eco restoration, the project planted various saplings in the project area as a compensation of loss of trees while the project is clearing the land for mining. Reclamation and eco restoration will be done by planting native species. The copy of the bill is attached as **Annexure No. 2**. The details are provided in Table No.3. The photograph of the plantation is given in **Plate No. 3**.

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 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. 4**.

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. Hameed C as head of the monitoring cell. The EMC meeting convenes regularly for a sustainable environment. The details of the monitoring cell are given below

TABLE 1 ENVIRONMENTAL MONITORING CELL (EMC)

Sl. No.	Post	Name
1.	Head of the monitoring cell	Hameed C
2.	Head in charge (Environment)	Anil Kumar T A
3.	Environment Officer in charge at Site	Anoop A
4.	Name of the Environment Consultant	M/s Environmental Engineers & Consultants Pvt. Ltd. (NABET Accredited Consultancy)

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.	Being complied
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Compliance:

To enrich vegetation and prevent air pollution, the proponent have planted various avenue 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. This will help to reduce air and sound pollution. The copy of bill from nursery is given in **Annexure No.2** and the photographs of avenue trees planted in the road side are given in **Plate No.5**. The details of vegetation are given below.

TABLE 2 Details of the natural vegetation existing along the road side

Sl. No.	Scientific Name	Common Name	Family	Type
1	Bambusoideae	Bamboo	Poaceae	Tree
2	Murraya koenigii	Curry tree	Rutaceae	Tree
3	Terminalia arjuna	Maruthu	Combretaceae	Tree
4	Phyllanthus emblica	Nelli	Phyllanthaceae	Tree
5	Xylia xylocarpa	Erul	Fabaceae	Tree
6	Swietenia mahagoni	Mahagony	Meliaceae	Tree
7	Anacardium occidentale	Kasumavu	Anacardiaceae	Tree
8	Artocarpus heterophyllus	Plavu	Moraceae	Tree
9	Chromolaena odorata	Communist-pacha	Compositae	Shrub
10	Cocos nucifera	Thengu / Coconut	Arecaceae	Tree
11	Mangifera indica	Mavu	Anacardiaceae	Tree
12	Pennisetum orientale	Oriental fountain grass	Poaceae	Herb

13	<i>Tabernaemontana alternifolia</i>	Kunnanpala	Apocynaceae	Tree
14	<i>Tectona grandis</i>	Thekku	Verbenaceae	Tree
15	<i>Ziziphus oenopolia</i>	Thodalli	Rhamnaceae	Climber

04	Maximum possible solar energy generation and utilization shall be ensures 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 in order 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. The photograph of solar street lights is provided in Plate No.6. The purchasing bill of solar street light is given in **Annexure No. 3**.

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

The sprinklers are installed in the project site and in and around the crusher unit in order to prevent dust emission. To arrest the dust emission form the approach road and the haulage road, the project proponent has deployed a tanker vehicle to splashes water. The photograph of effective utilization of sprinklers is provided at **Plate No. 7**.

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 list of tree/shrub/herb saplings planted in the project site is given below in **Table No. 3**.

TABLE 3 Details of the saplings planted within the project area

Sl. No.	Scientific Name	Common Name	Family	Habitat
1	Bambusoideae	Bamboo	Poaceae	Tree
2	Murraya koenigii	Curry tree	Rutaceae	Tree
3	Terminalia arjuna	Maruthu	Combretaceae	Tree
4	Phyllanthus emblica	Nelli	Phyllanthaceae	Tree
5	Xylia xylocarpa	Erul	Fabaceae	Tree
6	Artocarpus heterophyllus	Plavu	Moraceae	Tree
7	Capsicum frutescens	Kantharimulaku	Solanaceae	Herb
8	Carica papaya	Papaya	Caricaceae	Tree
9	Cocos nucifera	Thengu	Arecaceae	Tree
10	Curcuma longa	Manjal	Zingiberaceae	Herb
11	Mangifera indica	Mavu	Anacardiaceae	Tree
12	Musa paradisiaca	Vazha	Musaceae	Herb
13	Swietenia mahagoni	Mahagony	Meliaceae	Tree
14	Tectona grandis	Thekku	Verbenaceae	Tree
15	Tamarindus indica	Tamarind	Fabaceae	Tree
	Aegle marmelos	Koovalam	Rutaceae	Tree

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.	Will be complied
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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:

As part of inclusive growth of the community, the project proponent has executed various activities under Corporate Social Responsibility/ Corporate Environmental Responsibility of the firm with the consultation of Panchayath. The main activities were under the sectors of education, housing, health etc. The receipt of donation is given in **Annexure No. 4**. The details of are given below in the table. The photograph of CSR activity is provided at **Plate No.8**.

Table No. 4 The details of performed activities under CSR/CER

Sectors	Activities	Beneficiaries	Amount spent in Rs.
Health	Donation	Mulankunnu Relief Committee Food Distribution (30 Families)	28000
	Donation	Mulankunnu Relief Committee Food Distribution (30 Families)	28000
	Donation	Mulankunnu Relief Committee Food Distribution (30 Families)	28000
	Donation	Mulankunnu Relief Committee Food Distribution (30 Families)	28000
	Donation	Mulankunnu Relief Committee Food Distribution (30 Families)	28000
	Donation	Mulankunnu Relief Committee Food Distribution (30 Families)	28000
	Donation	Centermukk Relief Committee Food – Pashukkadavu Distribution (25 Families)	25000
	Donation	Centermukk Relief Committee Food – Pashukkadavu Distribution (25 Families)	25000
	Donation	Centermukk Relief Committee Food – Pashukkadavu Distribution (25 Families)	25000

	Donation	Centermukk Relief Committee Food – Pashukkadavu Distribution (25 Families)	25000
	Donation	Spanthanam Kootayama - Bakshya Danya Vidharanam	2500
	Donation	Bakshya Danya Vidharanam Maruthenkara Grama Panchayath (75)	66500
	Medical Aid	Kunjiparanjbath Kumaran	2143
	Medical Aid	Naseem	2500
	Donation	Leprasy Hospital Viksana Samithi	75000
	Medical Aid	Abdul Majid	2500
	Medical Aid	Pullanikkavil thomas	15000
	Medical Aid	Lini	25000
Infrastructure Development	Donation	Kshethra punarutharana Fund	30000
	Donation	Babu – For Electrification	4900
	Materials	AJ John Memorial House construction	13050
	Donation	Muthamkunnul bhgavathi Kshethram	4800
Social	Donation	Kerala Janakshema Samithi	3000
	Donation	Anaswara charitable society	1000
	Donation	Kerala Vidhava Samrakshana Samithi	5000
	Donation	Namma Charitable trust	430
	Donation	Organization of Newspaper Society	3000
Sanitation	Donation	Gopi K B	14900
Total			539223

09	The lease are shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mine.	Complied
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Compliance:

The project proponent has installed fencing around the area where lease obtained. The complete installation of barbed metal wire fencing around the mining

area is with height of 4 ft. The purchase bill of materials is given in **Annexure No.1**. The photograph of barbed metal wire fencing is provided in **Plate No.1**.

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 and State Environment Impact Assessment Authority the project proponent has installed warning alarms in the quarry site. Time of blasting in the quarry is between 10.00 am to 4.00 pm on all working days. The photograph of alarm is given in **Plate No. 9**.

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 masseurs. 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 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 maintaining 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.	Complied
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Compliance:

Quarrying activities are limited to day time only as per KSPCB guidelines. The working time of the quarry is from 8.00am to 5.00 pm.

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 by using ordinary delayed detonators. 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 mining mates, Blaster, Short Fire and Foreman in the site to supervise/control exploitation of minor minerals including blasting at the project site. **Annexure No.5** shows the certificate of Licensed Persons.

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 has maintaining the access road of 600 meter to the quarry site. The project proponent splashes water on the road to arrest the dust production during summer season. The project proponent is regularly maintaining the access road in a good manner. The photograph of road is attached as **Plate No. 10**.

16	Overburden materials should be managed within the site and the old quarries, if any, should be restored.	Complied
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Compliance:

The overburden and topsoil is managed within the site. This is used for plantation, haulage roads and land filling in the lease area. To conserve top soil grass is planted. The photograph of over burden is attached as **Plate No.11**.

17	Height of the benches should not exceed 5m and width should not be less than 5m.	Complied
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Compliance:

As part of safety, the project proponent conducts mining by creating benches. The benches will not exceed 5 meters of height. The project maintains the width of benches minimum of 5 meters. **Plate No.12** showing the work progressing in the quarry area.

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

The mat is using during blasting time to prevent fly rock. The correct quantity of explosive is used under the supervision of qualified person.

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

The mining depth will not exceed beyond 10 meter from the general ground level.

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

There is no area seen with slope greater than 45° in the area where Environment Clearance and Lease is obtained.

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 proponent has provided ear plugs. And there is a crusher unit functioning in the project site; the machines of crusher unit are housed with solid bricks. Vegetation around the mining area will help to reduce noise and air pollution. This helps the noise level kept within prescribed standards. The project proponent 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:

As part of safety the project proponent has provided adequate Personnel Protective Equipments (PPE) such as helmets, ear plugs, safety belts, gloves, etc. to the labours in working site. The photograph of the workers with PPE is given in the **Plate No. 13**. The copy of bill purchased for Personal Protective Equipments is attached as **Annexure No. 6**.

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

The proponent is very conscious to prevent all quarry waste to enter in the public drainage or stream. The project proponent has constructed storm water drains in the lower slopes of the project area for effective management of storm water. This helps to channelize the storm water to the rain water collection pond and the most of the debris will be settled down in the bottom of the pond. The clarifiers will be installed soon. The photograph of drain is provided in **Plate No. 14**.

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

All vehicles with loaded materials are going outside as covered trucks to contain dust emissions. A photograph of covered trucks is provided in **Plate No. 15**.

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 has been planting various saplings in the project area as a compensation of loss of trees while clearing the land for mining. The list of tree saplings planted in the project site as part of eco-restoration is provided in **Table No 3**.

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

The used oil was sold to the approved recyclers as specified under relevant Rules/Regulations.

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

The Explosives are stored in magazine. The magazine is situated in an isolated place specified and approved by the explosives department. The photograph of the magazine is provided in **Plate No.16**.

28	A minimum buffer distance of hundred meters 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:

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 project has left 127 meter distance to the nearest house from the boundary of mining area, the KSPCB condition is 50 meter.

29	200 m buffer distance should be maintained from forest boundaries.	Complied
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Compliance:

There is no forest area near to the project site. The nearest forest is 6 km away from 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*” from Kerala State Pollution Control Board is provided in **Annexure No.8**.

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 other concerned statutory authorities are enclosed in **Annexure No.7, 8, 9, 10 & 11.**

TABLE 5 – APPROVALS FROM COMPETENT AUTHORITIES

Name of the Statutory approval	Name of the Statutory authority	Approval Number & Date
Environmental Clearance order	State Environmental Impact Assessment Authority, Kerala	539/SEIAA/EC4/3882/2014 Dated 15-12-2015
“Consent to Operate” (Renewal)	Kerala State Pollution Control Board	PCB/KKD/DO/ICO/1801/2018 Dated : 03-08-2018
Explosive License	Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)	E/SC/KL/22/1620(E71339) Dated 122-01-2018
License for quarry operations	Gram Panchayath	A7-767/2020/2020-21-2 dated 28-12-2020
Permit order	Directorate of Mining and Geology	KOZ/QL/2017/4/MP-28/2019/28387 Dated 24-09-2019

32	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority	Noted
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Compliance:

At present there is no change in the scope of the project. The project proponent will apply for Environmental clearance in the case of any change(s) in the scope of the project.

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
----	---	--------------

Compliance:

The project proponent is aware and agreed with right of authority 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.

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.	Being complied
----	--	-----------------------

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

1. **The Environment Protection Act,1986**
2. **Water (Prevention and Control of Pollution) Act, 1974**
3. **The Air (Prevention and Control of Pollution) Act, 1981**
4. **The Public Liability (Insurance) Act,1991**
5. **Municipal Solid Waste (Management and Handling) Act,2016**
6. **Hazardous and Other Wastes (Management and handling) Rules, 2016.**
7. **EIA notification, 2006**
8. **Kerala Miner Mineral concession Rules 2016**

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 . <u>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.</u>	Complied
----	---	----------

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.12**. The details are given below in the table.

Table No. 6 - Details of advertisement in news paper

Sl. No	News paper	Language	Date of edition
01	The New Indian express	English	02-01-2016
02	Malayala Manorama	Malayalam	02-01-2016

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
----	---	----------

Compliance:

A copy of the Environment Clearance letter was submitted to the Panchayat Office. The copy of Environmental clearance is uploaded in the website. The acknowledgement received from the Panchayat office is attached in **Annexure 13**. The website of the firm is <http://www.nellikunnucrusher.in>.

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 hand 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 the Directorate of Environment and Climate Change, Govt. of Kerala.	Complied
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Compliance:

The PP is regularly submitting the compliance report. The compliance report is being submitted to the Directorate of Environment and Climate Change, Govt. of Kerala and also to the Regional Office of MoEF&CC, Govt. of India as mail. Result of monitored data is attached as **Annexure No.14, 15 & 16**.

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 extant of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.	Complied
----	---	-----------------

Compliance:

The details of Environmental Clearance are 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 extant of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public. The photograph of the board is attached as **Plate No. 17**.

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

Compliance:

An assurance in the form of affidavit was already submitted to SEIAA Kerala.

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

The project will give priority to the conditions stipulated in the Environment clearance Order for its execution.

PLATES

(Photographs of project)

Plate No.1



**Fencing
Plate No. 2**



Retaining wall

Plate No. 3



Eco restoration

Plate No.4



Rain Water Harvesting Pond

Plate No.5



Avenue Trees

Plate No.6



Solar Street Light

Plate No.7



Sprinkler

Plate No.8



Activity under CSR

Plate No.9



Warning Alarm

Plate No.10



Tarred Road

Plate No.11



Stacked Top soil

Plate No.12



Benches under progress

Plate No.13



Labors with PPE

Plate No.14



Drainage

Plate No.15



Covered Truck

Plate No.16



Magazine

Plate No. 17



EC Board





ANNEXURE

(Documents of the project)

[illegible]

Page 43

Annexure No. 2

THARAPPEL NURSERY & GARDEN
(Govt. Approved)
Anappara, Chulliyode P.O. S.Bathery, Wayanad, Kerala
tharappelnursery@gmail.com

Ph: 04936 - 266155
Mob: 09447235967
WhatsApp 09745569355

Date: 01/12/16

CASH BILL

No. 375

Vehicle No.

To:

No	Particulars	Qty	Rate	Amount Rs. Ps.
1	2 (Lemon)	5	35	1820
2	മുളച്ചെടി	5	100	500
3	2 (Mango) (9x9)	2	75	150
4	മുളച്ചെടി	2	75	150
5				2620
6	2 (Lemon)	6	35	210
7	2 (Mango)	2	120	240
8		2	90	180
9				3260
10				
11				
12				
13				
14				
15				
16				
17				
Rupees			TOTAL	3100/-

Loading & Packing Charges Extra

Let Us Make India Green,
Together We Can, Will

For THARAPPEL NURSERY & GARDEN

Bill of Plants purchased

Annexure No. 3

SUBJECT TO CALICUT JURISDICTION
Original - Buyer's Copy

Invoice No. 8B/061
Ref. No.

Dated 3-Aug-2016

AG's POWER SOLUTIONS - 2015-16
17/483 -6A
Sreekanteswara Complex
IG Road, Kozhikode
Phone: 0495-2721141
Contact :9895500365
E-Mail :govclt1@gmail.com

Form No. 8B
Kerala Value Added Tax 2015
Party : **Hameed**
kuttyadi

Sl No.	Description of Goods	Quantity	Rate	per	Amount
1	Solar Street Light	1.00 No.	23,267.33	No.	23,267.33
	OUTPUT VAT 1%			1 %	232.67
	Total	1.00 No.			₹ 23,500.00

Amount Chargeable (in words) E. & O.E
INR Twenty Three Thousand Five Hundred Only


Company's CST No. : 32110843645C

Company's Bank Details
Bank Name : Syndicate Bank
A/c No. : 44051010003333
Branch & IFS Code : Mavoor Road & SYNB0004405

Declaration
*Original for the Buyer and Duplicate to be retained with the seller
Customer's Seal and Signature

for AG's POWER SOLUTIONS - 2015-16
[Signature]
Authorised Signatory

This is a Computer Generated Invoice



Bill of Solar Street light

Annexure No.4

മുല്ലങ്കുന്ന് റിലീഫ് കമ്മിറ്റി
പശുക്കടവ് പി.ഒ., വഴി, കാവിലുംപാറ, കോഴിക്കോട് - 673513

റസീറ്റ്

നമ്പർ **32** തീയതി **26/10/2020**

ജ: മുല്ലങ്കുന്ന് റിലീഫ് കമ്മിറ്റി

അവരുകളിൽ നിന്നും ഇനത്തിൽ

രൂപ നൽകുവാൻ കിട്ടിയിട്ടുണ്ട്.

Rs **5000/-** സെക്രട്ടറി/പ്രസിഡൻ്റ്

MULLANKUNNU RELIEF COMMITTEE
MULLANKUNNU, PO - MARUTHONKARA - 673513,
KAVILUMPARA

No: **490** Date: **27/12/2020**

Received with thanks from മുല്ലങ്കുന്ന് റിലീഫ് കമ്മിറ്റി

the sum of rupees രൂപ നൽകി

Rs: **28000/-** Secretary/Organizer

കേരള വായവാ സംരക്ഷണ സമിതി K.V.S.S
സംസ്ഥാന കമ്മിറ്റി

No. **126** റജി. നമ്പർ S/100/2012

സംസ്ഥാന പ്രവർത്തന ഫണ്ട് 2020

ശ്രീ./ശ്രീമതി Nelli Kunnu Granite & Crushers

അവരുകളിൽ നിന്നും സംഭാവനയായി Five Thousand Only

രൂപ നൽകുവാൻ കൈപ്പറ്റിയിരിക്കുന്നു.

₹ **5000/-** പ്രസിഡൻ്റ്/സെക്രട്ടറി

കാം നമോ നാരായണായ
വടയം ശ്രീകൃഷ്ണ ക്ഷേത്രം
 പി.ഒ.വടയം, കുറ്റാടി, കോഴിക്കോട് ജില്ല
 Reg.No.: KKD/CA/223/14

ചുറ്റമ്പല നിർമ്മാണ നിധി

നമ്പർ: 8 തീയതി: 24-11-20
 ശ്രീ/ശ്രീമതി: എലിമുക്ക് കൃഷ്ണമൂർത്തി
 അവകളിൽ നിന്നും ചുറ്റമ്പല നിർമ്മാണ നിധിയിലേക്ക് 30,000/-
ഭവനനിർമ്മാണ രംഗം നന്ദിപൂർവ്വം കിട്ടിബോധിച്ചു
 സ്വകൃത

₹ 30,000

സെന്റ് മേരീസ് വാട്സാപ്പ് കുട്ടായ്മ മരുതോങ്കര
RECEIPT
 13
 ശ്രീ/ശ്രീമതി: Hameed Haji & Riyas പക്കൽ
 നിന്നും ലിനി ചിമിസെപ്താമിനി ഇനത്തിൽ
നൂറു പണം രൂപ നന്ദിപൂർവ്വം
 കിട്ടിബോധിച്ചു.
 Date: 11/11/2021
 സ്വകൃത/പ്രസിഡന്റ്
 സെന്റ് മേരീസ് വാട്സാപ്പ് കുട്ടായ്മ മരുതോങ്കര

₹ 25000/-

भारतीय स्टेट बैंक
 State Bank Of India
 (70638)-KUTTIADI
 P.O. NO. 1
 CHATHOTH CENTRE
 WYNAD ROAD 673508
 Tel : 496 2598138 Fax : IFS Code : SBIN0070638 SWIFT

20012021
 D D M M Y Y Y Y

PAY LEPROSY HOSPITAL VIKASANA SAMITHI को या उनके आदेश पर OR ORDER
 रुपये SEVENTY FIVE THOUSAND ONLY
 अदा करे ₹ 75,000/-

67323149743
 VALID UPTO ₹ 50 LACS AT NON-HOME BRANCH

CURRENT A/C
 PREFIX :
 1515900004

MULTI-CITY CHEQUE Payable at Par at All Branches of SBI

MODERN STONE CRUSHER

679721 673002964 000343 29

മറത്തുംകുന്നുമ്മൽ ശ്രീ
കുട്ടിച്ചാത്തൻ ഭഗവതി ക്ഷേത്രം
ശാന്തിനഗർ

നിർമ്മാണ ഫണ്ട്

No: 453 തീയതി: 5/03/2021

ശ്രീ/ശ്രീമതി: നെല്ലിക്കുന്ന് ട്രാസ്റ്റ് കൗൺസിൽ
നിന്നും: നിലവിളിത്തറ പള്ളി
നന്ദിപുരവും കിട്ടി ബോധിച്ചു.

₹ 4800/-

കൺവീനർ ചെയർപേഴ്സൺ

പുല്ലാനിക്കാവിൽ തോമസ്
ചികിത്സാ സഹായഫണ്ട്

നമ്പർ 602 തീയതി: 18/3/21

ശ്രീ/ശ്രീമതി: നെല്ലിക്കുന്ന് വെച്ച്
പുല്ലാനിക്കാവിൽ തോമസ് ചികിത്സാ സഹായഫണ്ടിലേക്ക്
രൂപ നന്ദിപുരവും കിട്ടി ബോധിച്ചു.

₹ 15000/-

ജനറൽ കൺവീനർ സി.പി. ബാബുരാജ്
ചെയർപേഴ്സൺ ശോഭ അശോകൻ
കൺവീനർ ചെയർപേഴ്സൺ ട്രഷറർ റിൻസ് മുട്ടത്തുപാറ

അബ്ദുൾ മജീദ്
ചികിത്സാസഹായ ഫണ്ട്
പുല്ലാളൂർ

നമ്പർ 451 തീയതി: 03/2/21

ശ്രീ/ജ/സ്: നെല്ലിക്കുന്ന് വെച്ച് (കുടുംബം)
നിന്നും സംഭാവനയായി: രൂ. 500/-
നന്ദിപുരവും കിട്ടി ബോധിച്ചിരിക്കുന്നു.

₹ 500/-

കൺവീനർ

The receipts of CSR/CER

Annexure No.5

Page 1 of 2

Form LE-10
Shot Firer's Certificate
(See article 10 of Part 1 of Schedule IV)
[see rule 107(5) of Explosives Rules, 2008]

(Certificate of competency to carry out blasting of explosives in area not coming under the
Mines Act, 1952)

No.:E/SE/KL/30/690(E82034)

This is to certify that **Shri Muhammed Shameer V.P.**,
born on **14/05/1989**, resident of **Adukkath House Cheruvu P.O., Kuttiyadi, KOZHIKODE,**
Kerala passed the **shotfirer's examination** held on **09/06/2014** conducted by **Controller of**
Explosives, Ernakulam and is authorised to conduct blasting operations as mentioned below using
explosives in areas other than mines coming under the purview of the Mines Act 1952, subject to
the provisions of the Explosives Act, 1884 and the rules framed thereunder.

Authorised class, category and type of blasting :

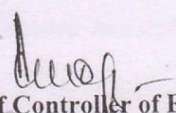
Class : (B), Category : General aboveground, All phases of aboveground blasting operation

[See explanation of sub-rule (5) of rule 107]

This certificate shall remain valid till 19/06/2019 (five years from the date of issue)

This certificate is liable to be suspended or revoked for any violation of the Act or rules
framed thereunder or the conditions of this certificate or if there is any discrepancy or deviation in
the information or suppression of facts furnished by the applicant in his application form.

Place: **Ernakulam**
Date: **19/06/2014**


Dy. Chief Controller of Explosives
Ernakulam
For Deputy Chief Controller of Explosives
Ernakulam / Ernakulam

Endorsement for revalidation

Date of Revalidation	Date of Expiry	Signature of licensing authority
----------------------	----------------	----------------------------------

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

Certificate of Short Firer's

(धात्वय) खनन परीक्षा बोर्ड
Board of (Metalliferous) Mining Examinations.
दस्तावेज सं०
No. of Document 1147

मु.ख.नि. 1224
C. I. M. 1224

खान अधिनियम, 1952
THE MINES ACT, 1952
खान फोरमैन समर्थता प्रमाण-पत्र
MINE FOREMAN'S CERTIFICATE OF COMPETENCY
(धात्वय खान विनियम, 1961 के अधीन)
(Under the Metalliferous Mines Regulations, 1961)

श्री....., सुपुत्र.....
निवासी गांव....., थाना.....
जिला....., राज्य....., ने धात्वय खान विनियम, 1961 के अधीन
जन्म तारीख....., ने धात्वय खान विनियम, 1961 के अधीन
अपनी आयु, स्वस्थता, सदाचार, साक्षरता और अनुभव के संबंध में संतोषजनक प्रमाण प्रस्तुत कर दिए हैं और तारीख.....
को (स्थान)..... में हुई परीक्षा पास कर ली है। इसे धात्वय खान विनियम, 1961 के अधीन खान फोरमैन
प्रमाण-पत्र दिया जाता है।

Shri..... Krishna Kurup .G.....
of Village..... Adoor....., Thana..... Adoor.....
District..... Pathanamthitta....., State..... Kerala.....
born on..... 23rd May, 1956....., son of..... Shri. Gopal Pillai.....
having given satisfactory evidence of his age, medical fitness, good conduct, literacy and experience, and having passed
the examination held at..... Udaipur..... on..... 1.8.93.....
is hereby granted a MINE FOREMAN'S CERTIFICATE under the Metalliferous Mines Regulations, 1961.

Fit upto 22.5.2016 (Sixteen)

विदेशक खान सुरक्षा
अवधपुर क्षेत्र

He has been examined by qualified Medical Officer on 26.1.93 and declared fit for employment in mine. This Certificate is valid upto 28.10.2017.

सचिव,
खनन परीक्षा बोर्ड।
Secretary,
Board of Mining Examinations.
तारीख/Dated 28 7 1994

विदेशक. खान सुरक्षा, बल्लारी
Director of Mines Safety, Bellary

खनन परीक्षा बोर्ड।
Chairman,
Board of Mining Examinations.

प्रमाणित किया जाता है कि उसकी परीक्षा की गई और उसे बहरेपन, सक्षम दृष्टि या अन्य किसी ऐसी शारीरिक या मानसिक अवयवता से रहित पाया गया, जिसका उसके दक्षतापूर्वक कार्य-निष्पादन पर प्रभाव पड़ने की संभावना हो।
Certified that he was examined and found free from deafness, defective vision or any other infirmity, mental or physical, likely to interfere with the efficient discharge of his duties.

1. On 22.04.1998 19.05.2008 2. On 16.04.2003
3. On 4. On 5. On 6. On


MGIP (KSR) Unit 2-20 DGMS/76-19.3.77-4.250

Mine foreman

(धात्विय) खनन परीक्षा बोर्ड
Board of (Metalliferous)
Mining Examinations
दस्तावेज सं०
No. of Document

म० खा० नि० 1229
C.I.M. 1229


3870





खान अधिनियम, 1952
THE MINES ACT, 1952
खनन मेट समर्थता प्रमाण-पत्र
MINING MATE'S CERTIFICATE OF COMPETENCY
(धात्विय खान विनियम, 1961 के अधीन)
(Under Metalliferous Mines Regulations, 1961)


श्री....., सुपुत्र.....
निवासी गांव....., थाना.....
जिला....., राज्य.....
जन्म तारीख....., ने अपनी आयु, स्वस्थता, सदाचार, साक्षरता और अनुभव का
संतोषजनक प्रमाण दे दिया है और तारीख..... को (स्थान).....
में हुई परीक्षा पास कर ली है इसे धात्विय खान विनियम,
1961 के अधीन खनन मेट समर्थता प्रमाण-पत्र दिया जाता है।

Shri... Krishna Kurup G..... (Name)
of Village... Adoor..... Thana... Adoor.....
District... Pathanam Thitta..... State... Kerala.....
born on... 23rd. May, 1956..... Son of... Shri. Gopala Pillai.....
having given satisfactory evidence of his age, medical fitness, good conduct, literacy and experience and
having passed an examination held at V.T.C. Zawar Mine, Udaipur..... on... 12th September, 1989
is hereby granted a MINING MATE'S CERTIFICATE under the Metalliferous Mines Regulations, 1961.


सचिव,
खनन परीक्षा बोर्ड
Secretary,
Board of Mining Examinations.
तारीख/Date... 30-1-1990


अध्यक्ष,
खनन परीक्षा बोर्ड
Chairman,
Board of Mining Examinations.


बाएँ हाथ के अंगूठे का निशान
Left hand thumb impression



प्रमाणित किया जाता है कि उसकी परीक्षा की गई और उसे बहरपन, सदीप दृष्टि या अन्य किसी ऐसी शारीरिक या मानसिक अशक्तता से
रहित पाया गया, जिसका उसके दक्षतापूर्वक कार्य निष्पादन पर प्रभाव पड़ने की संभावना हो।
Certified that he was examined and found free from deafness, defective vision or any other infirmity, mental
or physical, likely to interfere with the efficient discharge of his duties.

1. On 26-10-74 ता० को 2. On..... ता० को
3. On..... ता० को 4. On..... ता० को
5. On निदेशक, खान सुरक्षा ता० को 6. On..... ता० को

Mines mate

(धातु उत्पादक) खनन परीक्षा बोर्ड
Board of (Metalliferous) Mining Examinations

सी.आई.एम. 1234
C.I.M. 1234

प्रलेख सं. 3004
No. of Document

खान अधिनियम, 1952
THE MINES ACT, 1952

विस्फोटकर्ता प्रमाण-पत्र
BLASTER'S CERTIFICATE OF COMPETENCY

(धातु उत्पादक खान विनियमावली, 1961 के अधीन)
(Under Metalliferous Mines Regulations, 1961)

श्री. KRISHNA KUNU (Name)
of Village. ALXOR, Thana. BODU
District. PATANMTHITTA, State. KERALA
born on 23RD MAY, 1956. son of. GOPIAL PILLAI
having given satisfactory evidence of his age, medical fitness, good conduct, literacy and experience and having passed an examination held at V.T.C. ZAWAR MINES on 7th MARCH, 1966, is hereby granted a BLASTER'S CERTIFICATE under the Metalliferous Mines Regulations, 1961.

सचिव,
खनन परीक्षा बोर्ड
Secretary,
Board of Mining Examinations.
Dated 07-9-1986.

अध्यक्ष,
खनन परीक्षा बोर्ड
Chairman,
Board of Mining Examinations

बायें हाथ के अंगूठे का निशान
Left hand thumb impression

प्रमाणित किया जाता है कि उर्वकी स्वास्थ्य परीक्षा कर ली गई है और वह बाहरेपन, मंदोग दृष्टि या अन्य किसी ऐसी मानसिक अथवा शारीरिक अशक्तता से मुक्त पाया गया है जो उसके कर्तव्यों को प्रभावी रूप से करने में बाधक हो।

Certified that he was examined and found free from deafness, defective vision or any other infirmity, mental or physical, likely to interfere with the efficient discharge of his duties.

1. On 11-8-91 by 2. On को
3. On खान सुरक्षा निदेशक को
4. On को
5. On Director of Mines Safety को
6. On को

MGIPCBE-S3-3D बरीक़ाब 5-2-82-11,506.
saiyed/25th.

Blaster

TIN NO. : 32110989524
CST : 1109C008952

Ph: 0495 - 2297422

Near Police Station, MUKKAM
THE KERALA VALUE ADDED TAX RULES - 2003

FORM NO. 8 [See rule 58 (10)]
TAX INVOICE BILL

Invoice No. & Date	Delivery Note No. & Date	Purchase Order No. & Date if any	Despatch Document No. & Date, if any	Terms of Delivery if any
4				
16/08/2016				

Name & Address of Purchasing Dealer: 1915 NEALIKUNNU GRANITES
STONE GRUBBER

Tel.No. Mobile Fax E-mail

TIN No: 32111207638 CST Reg. No.

[illegible]

E & O.E

Grand Total in Rupees. Seven thousand one
Hundred Twenty Three only

DECLARATION: Certified that all the particulars shown in the above Tax Invoice are true and correct in all respects and the goods on which the tax charged and collected are in accordance with the provisions of the KVAT Act 2003 and the rules made there under. It is also certified that my/our Registration under KVAT Act 2003 is not Subject to any suspension/cancellation on the date of this bill.

Total	6784	
Cash Discount		
Net Value	6784	
Tax Amount 5%	339	
INTERPRISES Grand Total	7123	



CHALAKAM ENTERPRISES
Grand Total
MUKKAM - 673 602
PH : 297422

For Chalakam Enterprises

Authorised Signatory

Bill of PPE

Annexure No.7

Validity expires on 14-12-2020

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

*Present: Prof. (Dr.) K.P. Joy, Chairman, Dr. J. Subhashini, Member, Sri. P. Mara Pandiyan I.A.S., Member
Secretary*

Sub: SEIAA- Environmental Clearance for the proposed quarry project in Sy. Nos. 523/1part, 571/1Part & 567 Part at Maruthonkara Village & Panchayath, Vatakara Taluk, Kozhikode District, by M/s Nellikkunnu Granite & Crushers Pvt. Ltd.-
Granted. Orders issued.

STATE ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY

No. 539/SEIAA/EC4/3882/2014

dated, Thiruvananthapuram 15-12-2015

- Read:* 1. Application dated 31-7-2014 submitted by Sri. Hameed Cheuveri, Managing Director, M/s Nellikkunnu Granite & Crusher Pvt. Ltd., Vannathichira P.O., Kavilumpara Via, Vatakara Taluk, Kozhikode-673513
2. Minutes of the 41st meeting of SEAC held on 16/17-6-2015.
3. Minutes of the 45th meeting of SEAC held on 11/12-9-2015.
4. Minutes of the 43rd meeting of SEIAA held on 16-10-2015.


Environmental Clearance No. 109/2015

Sri. Hameed Cheruveri, Managing Director, M/s Nellikkunnu Granite & Crusher Pvt. Ltd., Vannathichira P.O., Kavilumpara Via, Vatakara Taluk, Kozhikode-673513 vide his application received on 13.08.2014, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. Nos. 523/1 part, 571/1Part & 567 Part at Maruthonkara Village & Panchayath, Vatakara Taluk, Kozhikode District, Kerala for an area of 07.8991 hectares. 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 the O.M. No. J-13012/12/2013-IA-II (I) dated 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

2. The proposed project site falls within 11° 39'03.17" N to 11° 38'53.42" N and 75° 49' 42.25" E to 75° 49' 25.16" E. The land use classification as per revenue records is rocky land with private own land. The present land use is rocky land with quarrying activities. The current proposal is for the existing quarry with pit area of 0.6070 hectares and mineral specific. Hence no alternate site was examined. Forest land is not involved in the project.

Copy of EC Order

Annexure No.8



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/KKD/DO/1801/2011
Date of issue :03/08/2018

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : PCB/KKD/DO/ICO-R1/1801/2018

Ref : 1. Your online application no 5966804 dated 21.09.2017.
2. Consent no PCB/KKD/DO/ICO/1801/2014 dated 06.11.2014 valid up to 31.10.2017.
3.Consent no PCB/RO/KKD/ICE-EXP/1801/2016 dated 07.06.2016 valid up to 06.06.2019.

The 'Integrated Consent to Operate' issued as per reference above to M/s NELLIKUNNU GRANITE AND CRUSHER VANNATHICHIRA P O MARUTHONKARA VADAKARA KOZHIKODE is hereby renewed up to 31/10/2023 and issued to M/s NELLIKUNNU GRANITE AND CRUSHER VANNATHICHIRA P O MARUTHONKARA VADAKARA KOZHIKODE The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	Validity	31.10.2023
2	Fee Remitted	Rs.150000/-
3	Total Power Required	712 HP (SECONDARY CRUSHER 240 HP,ACCESSORIES 277 HP,PRIMARY CRUSHER 120 HP,HSI 75 HP

II. Stack Details

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

III. CONDITIONS

3.1. Condition no.2.4 of the consent referred 2nd above is modified to the extent that for renewal of the integrated consent application in the prescribed form shall be submitted to the Board on or before

Page1

31.08.2023 through the web portal of the Board (krocmms.nic.in) for Online Consent Management & Monitoring System. Late application will be accepted only with fine/late fee as applicable

5.2.a) Suspended particular matter measured between 3 m and 10 m from the Stone crusher unit shall not exceed 600 micro gram per cubic meter.

b) PM10 in ambient air at the boundary shall not exceed 100 micro gram /m3.

c) PM2.5 in ambient air at the boundary shall not exceed 60 micro gram/m3.


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

SHABNA KUSHE SHEKHAR

Digitally signed by
SHABNA KUSHE SHEKHAR
Date: 2018.08.03 17:48:14
+05'30'

DATE :03/08/2018

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER
DISTRICT OFFICE KOZHIKODE



To
Sri.HAMEED C
CHERUVERI HOUSE
ADUKKATH PO
KUTTIADI
KOZHIKODE-673508


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

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

Page2

Consent form PCB

Annexure No.9


भारत सरकार | Government of India
वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो) | Petroleum & Explosives Safety Organisation (PESO)
पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives
A और D - विंग, ब्लॉक 1-8, दूसरा तल, शास्त्री भवन | A & D - Wing, Block 1-8, 11nd Floor, Shastri Bhavan
26 हड्डोउस रोड, नुंगम्बक्कम चेन्नई | 26 Haddous Road, Nungambakkam Chennai 600006
फोन (Phone):- 28281023 | फैक्स (Fax):- 28284848
ई-मेल Email: jicccchennai@explosives.gov.in

संख्या (No.): E/SC/KL/22/1620(E71339)
सेवा में To,
Nameed Cheruvert,
M.D., M/s. Nellikkunnu Granite & Crusher, Vannathichira P.O. Vadakara. Town/Village - Kuttivadi
District-KOZHIKODE, State-Kerala, Pincode - 673508

दिनांक (Date): 22/01/20

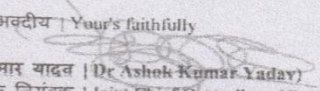
विषय : Survey No R.Sy.No.570, ग्राम Muruthonkara (v), Vatakara Tk. जिला KOZHIKODE, राज्य Kerala में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/1620(E71339) के नवीनीकरण संदर्भ में।
Subject: Possession for Use of Explosives from magazine situated at Survey No.:R.Sy.No.570, Muruthonkara (v), Vatakara Tk. Dist. KOZHIKODE, Kerala -Licence No.: E/SC/KL/22/1620(E71339) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या NIL दिनांक 20/01/2018 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक 31/3/2023 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।
Reference to your letter No.: NIL. dated: 20/01/2018, the subject licence duly renewed upto 31/3/2023 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/2023 से पहले उप मुख्य विस्फोटक नियंत्रक कोचची को भेजे जाएं।
For further renewal of licence, please submit the following documents so as to reach The Dy. Chief Controller of Explosives, Kochi on or before 31/3/2023

- 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 हो।
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.
- 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 उप मुख्य विस्फोटक नियंत्रक कोचची 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 The Dy. Chief Controller of Explosives, Kochi 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

(डा. अशोक कुमार यादव | Dr. Ashok Kumar Yadav)
संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of Explosives
दक्षिणांचल, चेन्नई | South Circle, Chennai

प्रतिलिपि प्रेषित | Copy Forwarded to:
1. जिला मजिस्ट्रेट (District Magistrate), KOZHIKODE (Kerala)- सूचना के लिए (for information.)
संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of Explosives
दक्षिणांचल, चेन्नई | South Circle, Chennai

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

(ग) उपयोग के लिए एक समय पर वर्ग 1, 2, 3, 4, 5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक :
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/22/1620(E71339)
वार्षिक फीस (Annual Fee Rs): 2400/-

1. Licence is hereby granted to
Hameed Cheruveri (अधिभोगी / Occupier : Hameed Cheruveri), M.D., M/s. Nellikkunnu Granite & Crushers, Vannathur
P.O. Vadakara, Town/Village - Kuttiyadi, District-KOZHIKODE, State-Kerala, Pincode - 673508

को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रस्थिति / Status of licensee : Partnership Firm

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमार्ग है।
Licence is valid only for the following purpose.

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

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

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

20 times as above.

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञप्ति परिसर की पुष्टि होती है।
The licensed premises shall conform to the following drawing(s).

रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1620(E71339)
दिनांक (Dated) 19/11/2013

6. अनुज्ञप्ति परिसर निम्नलिखित पते पर स्थित है। The licensed premises are situated at following address :
Survey No. R.Sy.No.570, ग्राम (Town/Village) : Muruthankara (v), Vatakara Tk
जिला (District) : KOZHIKODE राज्य (State) : Kerala पुलिस थाना (Police Station) : Thottipalam
दूरभाष (Phone) : ई मेल (E-Mail) : पिनकोड (Pincode) : 673315
फैक्स (Fax) :

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्भूत हैं।
The licensed premises consist of following facilities.

Type 'C' magazine

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

1. उपर्युक्त क्रम सं. 5 में यथा कथित रेखाचित्र (स्थान, संनिर्माण संबंधी और अन्य विवरण दर्शित करते हुए)।
Drawings (showing site, constructional and other details) as stated in serial No. 5 above

2. अनुज्ञप्ति प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञप्ति की शर्तों और अतिरिक्त शर्तों।
Conditions and Additional Conditions of this licence signed by the licensing authority

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

9. यह अनुज्ञप्ति तारीख 31 मार्च 2018 तक विधिमार्ग रहेगी। This licence shall remain valid till 31st day of March 2018.

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

तारीख | The Date : 19/11/2013

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

Amendments :
• Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 12/06/2015
• Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 17/05/2017

Transfers :
• Change in Licensee Name/Address/Status dated : 14/06/2017
• Change in Licensee Name/Address/Status dated : 14/06/2017
• Change in Licensee Name/Address/Status dated : 14/06/2017

नवीनीकरण की तारीख
Date of Renewal : 22/01/2018

समाप्ति की तारीख
Date of Expiry : 31/03/2023

नवीनीकरण के पृष्ठों के लिए स्थान
Space for Endorsement of Renewal

अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प
Signature of licensing authority and stamp
Jt. Chief Controller of Explosives, South Circle, Chennai

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

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/22/1620(E71339) in form LE-3 granted to Hameed Cheruveri, M.D., M/s. Nellikkunnu Granite & Crusher, Vannathichira P.O. Vadakara, Kerala-673315.

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

The Date : 19/11/2013


For Joint Chief Controller of Explosives
South Circle, Chennai

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 12/06/2015
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 17/05/2017

Transfers :

- Change in Licensee Name/Address/Status dated : 14/06/2017
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- Change in Licensee Name/Address/Status dated : 14/06/2017


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

संख्या (No.): E/SC/K1/22/1620(E71339) दिनांक (Date): 22/01/20

सेवा में To,
✓ Ramced Cheruvu,
M.D., M/s. Nellikkunnu Granite & Crusher, Vannathichira P.O. Vadakara. Town/Village - Kuttyyadi
District-KOZHIKODE, State-Kerala, Pincode - 673508

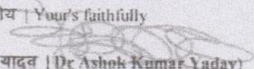
विषय : Survey No R.Sy.No.570, ग्राम Muruthonkara (v), Vatakara Tk. जिला KOZHIIKODE, राज्य Kerala में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/K1/22/1620(E71339) के नवीनीकरण संदर्भ में।
Subject: Possession for Use of Explosives from magazine situated at Survey No.:R.Sy.No.570, Muruthonkara (v), Vatakara Tk. Dist. KOZHIIKODE, Kerala -Licence No.: E/SC/K1/22/1620(E71339) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय Sir,

आपका उपर्युक्त विषय पर पत्र संख्या NIL दिनांक 20/01/2018 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक 31/3/2023 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।
Reference to your letter No.: NIL, dated: 20/01/2018, the subject licence duly renewed upto 31/3/2023 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/2023 से पहले उप मुख्य विस्फोटक नियंत्रक कोचची को भेजे जाएं।
For further renewal of licence, please submit the following documents so as to reach The Dy. Chief Controller of Explosives, Kochi on or before 31/3/2023

- 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 हो।
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.
- 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 उप मुख्य विस्फोटक नियंत्रक कोचची 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 The Dy. Chief Controller of Explosives, Kochi 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

(डा. अशोक कुमार यादव | Dr. Ashok Kumar Yadav)
संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of Explosives
दक्षिणांचल, चेन्नई | South Circle, Chennai


प्रतिलिपि प्रेषित | Copy Forwarded to:
1. जिला मजिस्ट्रेट (District Magistrate), KOZHIIKODE (Kerala)- सूचना के लिए (for information.)
संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of Explosives
दक्षिणांचल, चेन्नई | South Circle, Chennai

(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>)

Explosive license

Annexure No.10

2




ലൈസൻസ് നമ്പർ : A7-767/2020/2020-21 ... 2

തീയതി : 28/12/2020

മെറ്റീരിയൽ ഗ്രാമ്പഞ്ചായത്തിൽനിന്നും
 1994ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകളും
 അതേ ആക്റ്റിന്റെ ചട്ടങ്ങളും അനുസരിച്ച്
 ഓക്സിക്വട്ട്, സ്റ്റാമ്പറായ്ക്ക്, സംരംഭത്തോടു, മറ്റു സംവരണങ്ങൾ എന്നിവയ്ക്കായി നൽകുന്ന
ലൈസൻസ്

ലൈസൻസിന്റേയുടെ പേരും മേൽവിലാസവും	HAMEED CHERUVERI - M D, NELLIKKUNNU GRANITES AND CRUSHER- ADUKKATH PO		
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	NELLIKKUNNU GRANITES AND CRUSHER		
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	QUARRY നടത്തുന്നതിന്		
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	10 /		
ലൈസൻസ് കാലയളവ്	01-04-2020 മുതൽ 31-03-2021 വരെ		
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	5,000/- രൂപ	രസീത് നമ്പർ	
		119020103812 തീയതി 24-02-2020	
	മൊഴിയിടക്കം	1250 + 1250 Rt.No.120020100006 Dt : 25-04-2020	
ലൈസൻസ് അനുവദിക്കുന്നതിനായി പാലക്കാട് നിരംക്ഷപദ്ധതിയുടെ വിവരങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)	1. മലിനീകരണനിയന്ത്രണ ബോർഡിൽനിന്നുള്ള അനുമതി ... PCB/T/115/97 ... 10-12-2020 2. ജില്ലാ കളക്ടറുടെ / ചീഫ് കൺസർവേറ്റർ ഓഫ് ഫിഷറീസ് ഡെവലപ്മെന്റിന്റെ അനുമതിപത്രം ... E/SC/KL/22/1620(E71339) ... 30-10-2018 3. മൈനിംഗ് & ക്വിററിയിൽനിന്നുള്ള അനുമതി ... 1406/M3/2017 VALID UP TO 14/12/2020 ... 07-09-2017 4. ജോയിന്റ് എൻവയോൺമെന്റൽ ഇംപാക്ട് അസസ്മെന്റ് അനുമതിയുടെ അനുമതി ... 109/2015 ... 15-12-2015 5. പാറ പോട്ടിംഗ് ആക്ട് അനുസരിച്ച് സാക്ഷ്യപത്രം ... MINE FOREMAN'S CERTIFICATE VALID UP TO 21/06/2020 ... 00-01- 1900		



സെക്രട്ടറി
 മെറ്റീരിയൽ ഗ്രാമ്പഞ്ചായത്ത്
 മെറ്റീരിയൽ ഓഫീസ്
 Ph: 0496 2666048, Mob: 9496048133

License form Gram Panchayat

Annexure No.11

No.1406/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: 07/09/2017

From
 The Director of Mining & Geology

To
 M/s. Nellikkunnu Granite and Crushers (Pvt) Ltd,
 Corporate Identity Number : U14100KL2010PTC027091
 (Represented by its Managing Director, Shri. Hameed Cheruveri,
 Cheruveri House, Adukkath P. O, Kuttiadi (via), Kozhikode District – 673 508)

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. 341/2017-18/1406/M3/2017/DMG Dated: 07/09/2017
 2. KMMC Rules 2015
 3 Pro.order. No. 539/SEIAA/EC4/3882/2014 dtd. 15/12/2015 of State Environmental Impact Assessment Authority, Kerala

Please refer to the Proceedings Order cited above wherein a lease for Granite (Building Stone) is granted to **M/s. Nellikkunnu Granite and Crushers (Pvt) Ltd, Corporate Identity Number : U14100KL2010PTC027091 (Represented by its Managing Director, Shri. Hameed Cheruveri, Cheruveri House, Adukkath P. O, Kuttiadi (via), Kozhikode District – 673 508)**. 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 **Senior Geologist, District Office, Kozhikode** for scrutiny and execution. The date of execution will be entered up by the Senior Geologist at the time of execution. After scrutiny of the quarrying lease deed, the Senior Geologist will inform you the date of execution convenient to him. After execution as per the request of the Senior Geologist stamp duty may be fixed by any District Registrars of the state and he will receive the stamp duty and a certificate of remittance of stamp duty will be entered in the lease deed. A chalan for Rs. **64,263/- (Rupees sixty four thousand two hundred and sixty three 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 and the draft form 'H' which is enclosed herewith, before the **Senior Geologist, District Office, Kozhikode** at the time of execution.

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. Form 'D' is also enclosed herewith for strict compliance and to report thereof.

Yours faithfully,

Encl: as above



DIRECTOR OF MINING & GEOLOGY (I/c)

Copy to -

The Senior Geologist, District Office, Kozhikode
(Letter No.DOZ/M-2066/2016 dtd. 04/02/2017, 27/02/2017, 22/06/2017)

You are instructed to execute the lease deed as and when it is received. The original survey map is enclosed herewith. **YOUR SEAL AND SIGNATURE SHOULD BE AFFIXED ON THE SURVEY MAP.** Please acknowledge. A copy of the lease deed may be forwarded to this office soon after registration. Ensure that the area under this grant is demarcated and boundary stones fixed before execution of the lease deed.

You are also instructed to obtain and forward the Form D to this office. No movement permits shall be issued before the service of Form 'D' notice, which is a statutory requirement.

You are further instructed to forward photocopies of the registered lease deed to the Director of Mines Safety, Bangaluru Region & District Collector. Also ensure that the lessee has erected notice board and made proper fencing before the execution of lease deed as stipulated in the rules.



PROCEEDINGS OF THE DIRECTOR OF MINING & GEOLOGY

Sub: Mining & Geology - Mines & Minerals - Minor Minerals – Granite Building Stone – Quarrying Lease to M/s. Nellikkunnu Granite and Crushers (Pvt) Ltd, Corporate Identity Number : U14100KL2010PTC027091 (Represented by its Managing Director, Shri. Hameed Cheruveri, Cheruveri House, Adukkath P. O, Kuttiadi (via), Kozhikode District – 673 508) – sanctioned– orders – issued.

- Ref.**
1. Application dt 20/10/2016 from M/s. Nellikkunnu Granite and Crushers (Pvt) Ltd, Corporate Identity Number : U14100KL2010PTC027091 (Represented by its Managing Director, Shri. Hameed Cheruveri, Cheruveri House, Adukkath P. O, Kuttiadi (via), Kozhikode District – 673 508)
 2. Letter No.DOZ/M.2066/16 dtd. 04/02/2017, 27/02/2017, 22/06/2017 from the Senior Geologist, District Office, Kozhikode
 3. Pro.order. No. 539/SEIAA/EC4/3882/2014 dtd. 15/12/2015 of State Environmental Impact Assessment Authority, Kerala
 4. Kerala Minor Mineral Concession Rules, 2015.

No. 341/2017-18/1406/M3/2017/DMG

Dated, Thiruvananthapuram 07/09/2017

ORDER

A quarrying lease is granted to **M/s. Nellikkunnu Granite and Crushers (Pvt) Ltd, Corporate Identity Number : U14100KL2010PTC027091 (Represented by its Managing Director, Shri. Hameed Cheruveri, Cheruveri House, Adukkath P. O, Kuttiadi (via), Kozhikode District – 673 508)** to quarry **Granite (Building Stone)** over an area of **6.4263 Hectares** of land comprised in **Re-Survey No. 523/1pt of Maruthonkara Village, Vatakara Taluk, Kozhikode District for 12 (Twelve) years** from the date of execution of the quarrying lease deed under the Kerala Minor Mineral Concession Rules, 2015 and as per the survey map issued by the **Tahsildar, Vatakara** and the approved Mining Plan and environmental clearance submitted by the applicant subject to the under mentioned conditions.

1. Royalty is payable to Government as per Rule 32 of the Kerala Minor Mineral Concession Rules, 2015 in respect of minor mineral quarried and moved out of the quarry subject to revision from time to time on the basis of amendments to the schedule I of the said Rules.
2. Dead rent is realizable under 40(1)(d) of the said rules subject to revision from time to time on the basis of amendments to the schedule II of the said rules.
3. Surface rent realizable under 40(1)(e) of the said rules will be equal to the land revenue assessed by the Revenue Department subject to revision from time to time on the basis of the land revenue.
4. The lessee shall execute a quarrying lease deed within a period of six months from the date of this order in form 'H' as per Rule 43 of the Kerala Minor Mineral Concession Rules, 2015.
5. The lessee shall also deposit an amount of Rs 10,000/- (Rupees Ten Thousand only) per hectare as security deposit for the observance of the terms and conditions of the lease before the deed is executed as per rule 42 of the said rules. The lessee shall commence quarrying operation only after the deed is executed and registered.
6. The quarrying area shall be demarcated and boundary stones fixed at the lessee's expenses before execution of the quarrying lease deed.
7. The lessee shall not win and dispose of any type of dimension and decorative stones from the area over which the quarrying lease has been sanctioned on the strength of this order.
8. The production of Granite (Building Stone) from the area covered under this grant shall be subject to the quantity specified in the Mining Plan submitted by the lessee and the same is restricted to **2,00,000 Metric Tonnes** per year.
9. (i) The lessee shall erect a notice board in Malayalam at a prominent place with a minimum size of 1 metre X 1.5 metres in a metallic board near to the entrance of the quarry to the effect that it shall contain the name and address of the permit holder, mineral concession

- number and date, the mineral to be extracted, permit number and date and its date of expiry, quantity of extraction permitted (if applicable). Area of extraction permitted, explosives used (if any), etc.
- (ii) The lessee shall erect a warning board with danger sign regarding operation of the quarry, 100 metres away by the side of the road leading to it.
 10. The lessee shall fence the lease area before the commencement of the quarrying operation for preventing accidents by falling of human beings, animals, vehicles or any materials into the quarry. The lessee should take effective preventive measures for the safety of labourers as well as the general public.
 11. The lessee shall leave a distance of 7.5m from the boundaries of adjacent properties including government puramboke land while carrying out quarrying operations.
 12. The lessee shall not assign, sublet or transfer his lease or any right or interest therein to any person without previous permission of the Director of Mining & Geology.
 13. The lessee shall pay tax related to Revenue Department, if any, as directed by them and the details should be furnished to the Geologist periodically.
 14. The lessee shall operate the quarry in accordance with the condition stipulated in the environmental clearance and mining plan submitted by him.
 15. The lessee shall obtain all other statutory licences/clearances/No Objection Certificates from other authorities concerned including Explosive licence, consent from Pollution Control Board and D & O licence from the Local Self Government Department concerned.
 16. The lessee shall produce scheme of mining before completion of five years of operation of the quarry.
 17. The lessee shall produce a financial guarantee for **Rs. 1,60,658/- (Rupees one lakh sixty thousand six hundred and fifty eight only)** as stipulated in rule 62 of KMMC Rules 2015, before execution of lease deed.
 18. The lessee shall pay 10% of the amount of royalty/consolidated royalty as the case may be paid by them, being the quarry safety fund in addition to the royalty/consolidated royalty, as per rule 63 of KMMC rules, 2015.
 19. The lessee shall carryout mining operations as per the approved mining plan.
 20. The lessee shall renew Environmental Clearance on or before **14/12/2020** for the operation of the quarry for the remaining period.
 21. The quarrying permit granted from the district office, if any, in the area of this quarrying lease is hereby stands cancelled from the date of this order.

The terms and conditions stated in this order will be subject to such further modifications as may be made by the State Government from time to time.

Sd/-
T.K. Ramakrishnan
DIRECTOR OF MINING & GEOLOGY (I/C)

To
✓ M/s. Nellikkunnu Granite and Crushers (Pvt) Ltd,
Corporate Identity Number : U14100KL2010PTC027091
(Represented by its Managing Director, Shri. Hameed Cheruveri,
Cheruveri House, Adukkath P. O, Kuttiadi (via), Kozhikode District – 673 508)

Copy to:

1. The Director of Mines Safety,
No.5, 100FT, Road, 17th Main, Koramangala 4th Block
Bengaluru, Karnataka - 560034
2. The District Collector, Kozhikode
3. The Senior Geologist, District Office, Kozhikode
4. The Tahsildar, Vatakara
5. Stock File (2), File Copy

(BY ORDER)



SENIOR SUPERINTENDENT

Copy of Permit

Annexure No.12

THE NEW INDIAN EXPRESS
KOZHIKODE SATURDAY 2 JANUARY 2016

NOTICE

This is to inform to the General Public that the proposed quarry project in Survey Nos. 523/1 Part, 571/1 Part & 567 Part at Maruthonkara Village & Panchayath, Vatakara Taluk, Kozhikode District, Kerala being developed by M/s Nellikkunnu Granite & Crusher Pvt. Ltd. is accorded with ENVIRONMENT CLEARANCE by State Environment Impact Assessment Authority, Kerala vide Order No. 539/SEIAA/EC4/3882/2014 Dt. 15-12-2015 and the copy of the Environment Clearance is available with the office of Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at www.seiaakerala.org

COIR INDUSTRY AWARD FOR 2014-15

COIR BOARD
MINISTRY OF MSME, Government of India
M.G.Road, Kochi - Pin-682016.
Ph:0484 2351900

Entries have been invited from the Exporters/Dealers/Producers /Persons/Entrepreneurs/State Governments/UTs and Organizations from any of the eligible categories for the **COIR INDUSTRY AWARDS 2014-15** for outstanding performance in coir sector. Please visit Coir Board Website for downloading the application format.

The last date for receipt of applications in the prescribed format in the Head Office has been extended from 31.12.2015 to **11.01.2016**.

For further details contact Development Officer (M), Coir Board (Ph.0484:2362751)

For more details visit: www.coirboard.gov.in

S/d
SECRETARY, COIR BOARD

31.12.2015

Regd Office: No. 21, Pattulos Road, Chennai - 600 002.
Corporate Office: 46, Whites Road, Chennai - 600 014.

SUNDARAM BNP PARIBAS

0481 3236524, Branch Kochi: 80696 30524
www.singlesittingdegree.com

PUBLIC NOTICE

പൊതുജന ശ്രദ്ധയ്ക്ക്

പൊതുജന ശ്രദ്ധയ്ക്കായി, കേരള സംസ്ഥാനം, കോഴിക്കോട് ജില്ല, വടകര താലൂക്ക്, മരുതോങ്കര വില്ലേജിലും പഞ്ചായത്തിലും പെട്ട സർവ്വേ നമ്പർ 523/1 Part, 571/1 Part & 567-ൽ പാറ ഖനനം ചെയ്യുന്നതിനു വേണ്ട പരിസ്ഥിതികാനൂതനി നെല്ലിക്കുന്ന് ഗ്രാമപഞ്ചായത്ത് & ക്രഷേഴ്സ് പ്രൈവറ്റ് ലിമിറ്റഡ് എന്ന സ്ഥാപനത്തിന് കേരള സംസ്ഥാന പരിസ്ഥിതി ഇംപാക്ട് അസ്സസ്മെന്റ് അതോറിറ്റിയിൽനിന്നും 539/SEIAA/EC4/3882/2014 തീയതി 15-12-2015 ഒക്ടോബർ പ്രകാരം ലഭിച്ചിരിക്കുന്നു. ഈ ഒക്ടോബറിന്റെ പകർപ്പ് കേരള സംസ്ഥാന പരിസ്ഥിതി കാലാവസ്ഥ വ്യതിയാന വകുപ്പിൽ ലഭ്യമാണ്. www.seiaakerala.org എന്ന വെബ്സൈറ്റിൽകൂടിയും പകർപ്പ് കാണാവുന്നതാണ്.

CONSUMER APPLIANCES

CAMERA

പെൻ കീചെയിൻ ക്യാമറ
കീചെയിൻ, ബട്ടൺ, വാച്ച്, ഗ്ലാസ്,

സേഫ്റ്റി ഓഫീസർ
ട്രെയ്നിങ്
കൊച്ചി- കോഴിക്കോട്. ഒരു മാസം കൊണ്ട് Expert സേഫ്റ്റി ഓഫീസർ ആകാം. 25 വർഷങ്ങളായി എറണാകുളത്ത് പ്രവർത്തിക്കുന്ന Safety Tech Management എന്ന ISO Certified Safety Engineering Company യിൽ നടത്തുന്ന ട്രെയ്നിങ്. Government of India പ്രൊഫഷണൽ സർട്ടിഫിക്കറ്റ് Placement

✓ ബാങ്ക് പണയ കമ്മീഷനില്ലാതെ സ്വീകരിക്കാൻ സഹായിക്കുന്നില്ലെല്ലാം എക്സിക്യൂട്ടീവ് ഓഫീസർ, കോഴിക്കോട്, 98952 00

✓ ബാങ്ക് പണയ കമ്മീഷനില്ലാതെ സ്വീകരിക്കാൻ സഹായിക്കുന്നില്ലെല്ലാം എക്സിക്യൂട്ടീവ് ഓഫീസർ, കോഴിക്കോട്, 99471 11916, 90723 119

ബാങ്ക് പണയ കമ്മീഷനില്ലാതെ സ്വീകരിക്കാൻ സഹായിക്കുന്നില്ലെല്ലാം എക്സിക്യൂട്ടീവ് ഓഫീസർ, കോഴിക്കോട്, 98952

സാർണ്യം വിൽമാറ്റി വയ്ക്കുവാൻ 98460 52707

Advertisement in News paper

Annexure No.13

Maruthomkara Grama Panchayat		
Maruthonkara.P.O , Pin-673513,		
Phone:0496-2666048		
Inward No	5474	Year
Date of Receipt	29/12/2015	2015
Name of Applicant	IMPACT ENVIRMENT , TVM	
Subject	ENVIRMENT CERTIFICATE	
Date of Delivery		
Section	A1	
Remarks :		
Counter No. & Staff :	29/12/2015 10:42:38AM	Secretary

A1576454

KREWS (GLM, KANJIKODE) 2014

Cheques are subject to realisation

Acknowledgement received from Gram Panchayat

Annexure No.14

**TEST REPORT**

Test Report No: 20210116/R038	Date: 22.01.2021	Page 1 of 1
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CUSTOMER DETAILS	
Customer Name & Address	M/s Nellikkunnu Granite & Crusher Pvt Ltd Vannathichira, Kavalumpara, Kozhikode District
Customer Reference	Test Request dt: 16.01.2021

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	20210116/S038
Sample Name	Ambient Air	Sample Received on	18.01.2021
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	18.01.2021
Sampled by	Lab Authorized Sampler	Test Completed on	22.01.2021

DETAILS OF SAMPLING			
Sampling Location	North -West Boundary	Date of Sampling	16.01.2021
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	71 %

SAMPLING SITE DETAILS			
Survey No.	523/1 Part, 571/1 Part, 567 Part	Taluk	Vadakara
Village	Maruthonkara	District	Kozhikode
Panchayath	Maruthonkara	State	Kerala

TEST RESULTS- CHEMICAL PARAMETERS					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ Standards
1	Particulate Matter, PM ₁₀	IS 5182 (Part 23):2006	µg/m ³	43.7	Max 100
2	Particulate Matter, PM _{2.5}	EPA 40 CFR (Part 50) Appendix - L	µg/m ³	21.9	Max 60
3	Sulphur Dioxide as SO ₂	IS 5182 (Part 2): 2001 RA 2017	µg/m ³	< 2.00	Max 80
4	Oxides of Nitrogen as NO ₂	IS 5182 (Part 6): 2006 RA 2017	µg/m ³	< 2.00	Max 80

Remarks:

End of Report


 Shency Joy
 Dy. TM Chemical

Checked by:

The results are related to the sample submitted for analysis and this report shall not be reproduced except in full without the written approval of the laboratory.


 Miji P. N.
 Laboratory Head

Authorized Signatory

Standard^S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.
 K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
 Web: www.sealabs.in, E-mail: sealab@gmail.com

Ambient air Level

Annexure No.15

**TEST REPORT**

Test Report No: 20210116/R039	Date: 22.01.2021	Page 1 of 1
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CUSTOMER DETAILS	
Customer Name & Address	M/s Nellikkunnu Granite & Crusher Pvt Ltd Vannathichira, Kavilumpara, Kozhikode District
Customer Reference	Test Request dt: 16.01.2021

DETAILS OF MONITORING			
Product Category	Atmospheric Pollution	Sample Code	20210116/S039
Sample Name	Ambient Noise	Monitoring Commenced on	16.01.2021
Monitoring Location	North West Boundary	Monitoring Completed on	17.01.2021
Test Method	IS 9989:1981 RA:2008	Monitored by	Lab Authorized Sampler

SAMPLING SITE DETAILS			
Survey No.	523/1 Part, 571/1 Part, 567 Part	Taluk	Vadakara
Village	Maruthonkara	District	Kozhikode
Panchayath	Maruthonkara	State	Kerala

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	38.4	14:00	51.5	22:00	37.2
07:00	41.2	15:00	51.9	23:00	37.0
08:00	45.5	16:00	53.1	24:00	36.6
09:00	49.1	17:00	53.5	01:00	37.3
10:00	51.5	18:00	47.9	02:00	37.0
11:00	54.6	19:00	44.4	03:00	37.7
12:00	51.9	20:00	40.4	04:00	36.6
13:00	51.1	21:00	39.9	05:00	38.4

TEST RESULTS- CHEMICAL PARAMETERS			
Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	50.1
2	Ambient Sound Level (Leq) Night Time (23:00 to 05:00)	dB(A)	36.8

Remarks:

End of Report

Shency Joy
Dy. TM Chemical

Checked by:

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Lalju P. N.
Laboratory Head

Authorized Signatory

Standard^S Environmental & Analytical Laboratories

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K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43

Web: www.sealabs.in, E-mail: seaalab@gmail.com

Ambient Noise Level

Annexure No.16

**TEST REPORT**

Test Report No: 20210116/R040	Date: 22.01.2021	Page 1 of 2
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CUSTOMER DETAILS

Customer Name & Address	M/s Nellikkunnu Granite & Crusher Pvt Ltd Vannathichira, Kavilumpara, Kozhikode District
Customer Reference	Test Request dt: 16.01.2021

SAMPLE DETAILS

Product Category	Water	Sample Code	20210116/S040
Sample Name	Bore well	Sample Received on	18.01.2021
Sample Conditions at Receipt	Fit for Analysis	Temperature @ Receipt	4 °C
Sample Quantity & Packing	1L & 100ml Plastic Bottle	Test Commenced on	18.01.2021
Sampled by	Lab Authorized Sampler	Test Completed on	22.01.2021

SAMPLING SITE DETAILS

Survey No.	523/1 Part, 571/1 Part, 567 Part	Taluk	Vadakara
Village	Maruthonkara	District	Kozhikode
Panchayath	Maruthonkara	State	Kerala

TEST RESULTS- CHEMICAL PARAMETERS

Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
1	Colour	IS 3025 (Part 4):1983 RA 2017	Hazen	1.00	Max 5
2	Odour	IS 3025 (Part 5):2018	---	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10):1984 RA 2017	NTU	0.80	Max 1
4	pH	IS 3025 (Part 11):1983 RA 2017	---	6.76	6.50 – 8.50
5	Conductivity	IS 3025 (Part 14):1984 RA 2019	µS/cm	231	---
6	Total Dissolved Solids	IS 3025 (Part 16):1984 RA 2017	mg/L	150	Max 500
7	Total Hardness as CaCO ₃	IS 3025 (Part 21):2009 RA 2019	mg/L	82.8	Max 200
8	Calcium as Ca	IS 3025 (Part 40):1991 RA 2019	mg/L	20.2	Max 75
9	Magnesium as Mg	IS 3025 (Part 46):1994 RA 2019	mg/L	7.87	Max 30
10	Chloride as Cl	IS 3025 (Part 32):1988 RA 2019	mg/L	23.5	Max 250


Shency Joy
Dy. TM Chemical

Checked by:

The results are related to the sample submitted for analysis and this report shall not be reproduced except in full without the written approval of the laboratory.




Laju P. N.
Laboratory Head

Authorized Signatory

Standard^S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

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Web: www.sealabs.in, E-mail: sealabs@gmail.com

Standard^S

Environmental Monitoring

TEST REPORT

Test Report No: 20210116/R040	Date: 22.01.2021	Page 2 of 2
-------------------------------	------------------	-------------

11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23):1986 RA 2019	mg/L	47.8	Max 200
12	Iron as Fe	IS 3025 (Part 53):2003 RA 2019	mg/L	0.38	Max 1
13	Sulphate as SO ₄	IS 3025 (Part 24):1986 RA 2019	mg/L	5.10	Max 200

TEST RESULTS - BIOLOGICAL PARAMETERS

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

Remarks:

End of Report


Shency Joy
Dy. TM Chemical




Lefmi P. N.
Laboratory Head

Checked by:

Authorized Signatory

The results are related to the sample submitted for analysis and this report shall not be reproduced except in full without the written approval of the laboratory.

Standard^S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

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Web: www.sealabs.in, E-mail: seaalab@gmail.com

Ambient Water Level