

COMPLIANCE REPORT - V

April 2018 – September 2018

*M/s Nellikunnu Granite &
Crusher Pvt. Ltd*

KOZHIKODE DISTRICT

KERALA

NELLIKUNNU GRANITE & CRUSHER PVT LTD

Vatakara Taluk, Maruthonkara Village, Vannathichira Post, Pin 673513

Date 01-03-2019

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 – First 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 First half (April 2018 – September 2018) 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,
VTAKARA,****KOZHIKODE DISTRICT, KERALA****BY****NELLIKUNNU 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 First Half compliance report to the specific conditions and general conditions of the Environmental Clearance for the period of **April 2018 – September 2018** 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 11⁰39' 03.17" N to 11⁰38' 53.42" N and 75⁰49' 42.25" E to 75⁰49' 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° 39' 03.17" N to 11° 38' 53.42" N 75° 49' 42.25" E to 75° 49' 25.16" E
Address for correspondence	M/s Nellikkunnu Granite & Crushers Pvt. Ltd. Nelliyothe House, Paleri Post, Kozhikode, Kerala-673508
Name, Phone Number & e - mail id of responsible persons	<p>1. Mr. Hameed Cheruveri Managing Director hameedc4444@gmail.com 08086004444</p> <p>2. Anil Kumar TA Manager 9744040093</p>
Main Features	
Total area under Environment Clearance	07.8991 Ha.
Minable 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	Kadanthalrapuzha, 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 has installed fencing around the mining area. Outer fencing will help to prevent the falling of animals/human being/dumping of garbage etc. The project proponent will install fencing where it is necessary inside 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:

To harvesting rain water, the project proponent has developed rain water harvesting pond in the project site to collect rain water falling in the entire mining area. To utilize the rain water, this Rain Water Harvesting (RWH) structure is properly maintaining in the area. The ponds were situated at the lowest level of project site. The surface runoff is canalized to the pond through garland drains. The water from pond is mainly used for crusher work, watering of plants, wetting of roads and sprinkler system 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:

The Environmental Monitoring Cell (EMC) formed and made functional 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	Being
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	the tarred road and open parking areas, if any, inclusive of approach road and internal roads.	complied
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Compliance:

Green belt is an important component in the mining sector. To reduce air and noise pollution, the project proponent has planted suitable avenue trees along either side of the road. There is also natural vegetation including trees, shrubs and climbers are present in the project area. 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	Mahogany	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	Tabernaemontana alternifolia	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:

To reduce the consumption of electricity from the conventional sources, the project has installed solar street lights 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 slight is provided in **Plate No. 6**. The copy of bill is provided 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:

To prevent dust emission, sprinklers are installed in the project site. The sprinklers installed in and around the crusher unit. 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:

The eco restoration plan prepared by the project will be executed in a good manner. The project started to plant various saplings in and around the project site. The list of tree/shrub/herb saplings planted in the project site is given below. The mine closure plan will be done at the own cost of project proponent as agreed in the proposal. The planted and proposed sapling to be planted in the project site is given below in the **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

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:

To conserve rain water, ten percent of the excavated pit area will be retained as water storage area. This will help to improve the ground water table. It is proposed to develop a green belt in the remaining area with indigenous plant species after reclamation of the mined area with stacked top soil and overburden. This stored water can be used for community during drought prone season.

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 of the firm with the consultation of Panchayath. The main activities were under the sectors of education, housing, health etc. The project proponent is intending to carry out more activities under CSR for inclusive growth in the community. 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**. The project proponent also spent Rs 20,000 per day for 60 days for the drinking water supply, Rs. 2 Lakh for Food Provisions, Rs. 6 Lakh for each house constructions.

Table No. 4 The details of performed activities under C S R

Sectors	Activities	Partners	Beneficiaries	Amount spent in Rs.
Education	Donation	Misbahul Hua Womens College	Ayisha	9,000
	Donation	St Thomas Acaemy For Research & Training	Mereena Babu	12,000
	Donation	MH College of Arts & Science Kuttady	Students	500
Infrastructure Development	Construction	Vayanasala	Public	2,46,380
Health	Donation	Chikilsa sahaya Fund	Kuzhichal Vinodhan	25,000
	Donation	Karuna Pain & Palliative Care Society	Public	200
	Donation	Chikilsa sahaya Fund	Public	

	Donation	Dialysis	Babu	
Social	Donation	Flood	Public	10,000
	Donation	Center Mukku Relief Committee	Public	1,30,000
	Donation	Smrithi Enterprises & Food Products	Public	1,00,000
	Donation	Mullankunnu Relief Committee	Public	84,000
	Donation	KSU Maruthonkara Mandalam	Students	2000
	Donation	Forest Range Office Kozhikode	Public	7650
	Donation	CMDRF	Public	1,00,000
Poverty Eradication	Donation	Food Kit for 50 People	Public	1,88,000
	Total			914730

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

To demarcate the boundary and to ensure safety, the project has erected barbed metal wire fencing around the mining area with height of 5 ft. This will help to prevent falling of animals/human being/dumping of garbage etc. 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	Complied
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Explosive Department.***Compliance:***

As per the stipulation of Explosive department, to give warning to the labours and community people prior to the blasting in quarry, the project installed warning alarms in the quarry site. This is properly working prior to the blasting time. 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.	Being 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:

To reduce the inconvenience of nearby houses and community Quarrying activities are limited to day time only as per KSPCB guidelines. The quarry working time is 8 am to 5.00 pm. This will help to limit the sound pollution

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

To reduce ground vibration, the blasting is done in controlled manner by using ordinary and electric delayed detonators. All blasting activities are carrying out with the stipulated guidelines of explosive department and other concerned agency.

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:

The project is having a good approach road. To reduce emission of dust through the vehicle movement, the access road of 600 meter from the entrance of project site to quarry is tarred. The project is spraying water on the road to arrest the

dust during summer season. The photograph of tarred road is provided in **Plate No. 10**. The project proponent is intending maintain access road to the quarry in good condition for dust emission and easiness of transportation of vehicles.

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

There is no old quarry in the site for restoration. The overburden materials are stored within the site. This will be used to restore the exploited area in future. The photograph is showing the same in **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:

To enhance safety and to make environment friendly quarrying, the excavation activity in the project is progressing by creating benches of 5m width x 5m height. **Plate No. 12** showing the same.

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

The project is using ordinary delayed detonator for blasting therefore there is no issue with fly rock in the community. The project is also assuring that the maximum PPV is under 10 during the time of blasting. The project proponent is yet to incorporate mats while blasting is happening.

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

The project proponent has given instruction to the mining mate to explore the minerals as per the submitted eco friendly plan. The depth of mining won't exceed beyond 10 meter or not below the level of the nearest stream bed, whichever is less. The exploration will be done as per the plan submitted before State Environment Impact Assessment Authority (SEIAA), Kerala.

20	No mining operations should be carried out at places having a slope greater than 45⁰.	Noted
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Compliance:

In the project site, there is no mining operation is carried out with a slope greater than 45⁰.

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

To reduce the impact of sound to the labours in the unit, the project has provided ear plugs. 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 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:

The project proponent has provided adequate Personnel Protective Equipments (PPE) such as helmets, ear muffs, safety belts, glows, etc. to ensure the safety of workers in the quarry 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 the public drainage or stream. The project 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:

To arrest the dust emission while transportation of materials, the project assures the trucks are covered before it leaving the project site. 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:

As part of concurrent eco restoration, The project has been planting various saplings in the project area as a compensation of loss of trees while the project is clearing the land for mining. The photograph of planted trees is given in **Plate No. 3**.

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.	Being complied
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Compliance:

The project proponent is using the used oil as lubricant for machineries and other equipments. The spend oil will be sold only to the recyclers.

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

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

To prevent possible fly rock and vibration to nearby houses, the norms of Kerala State Pollution Control Board regarding the distance criteria of residences, roads, rivers and worship places is adhered by the project. The distance of the nearest house is above 127 meter form the quarry, the KSPCB condition is 100 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 has obtained “*Consent to Operate*” (Renewal) from Kerala State Pollution Control Board. The copy of consent 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/2296/2012 25-05-2015
Explosive License	Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)	E/SC/KL/22/1620(E71339) Dated 12-06-2015
License for quarry operations	Gram Panchayath	A5-02/16-17 dated 01-04-2016

Permit order	Directorate of Mining and Geology	12/2016-17/GS/CRPS/DOZ/M,1021/16 Dated 29-06-2016
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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 is running as per plan submitted in Environmental Impact Assessment Authority, Kerala. The project will seek for a new 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
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Compliance:

To enhance safety and eco friendly mining, the project is willing to incorporate all such measures if the authority instructs to add additional safeguard measures subsequently, the project will be complied with.

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
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Compliance:

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

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	<p>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></p>	Complied
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Compliance:

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

A copy of the Environment Clearance letter was submitted to the Panchayat Office. The acknowledgement received from the Panchayat office is attached in **Annexure 13**. The project proponent did not receive any suggestions / representation from anywhere while the processing the proposal therefore does not give the copy of clearance latter to anyone. The project does not have a website and it will create a company website soon.

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.	Being Complied
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Compliance:

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 both in hard copy as well as mail. The result of monitored data has 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.	Will be complied
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Compliance:

The conditions of the environmental clearance prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font was installed. 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
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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 or consent given by any other authority for the same project.	Noted
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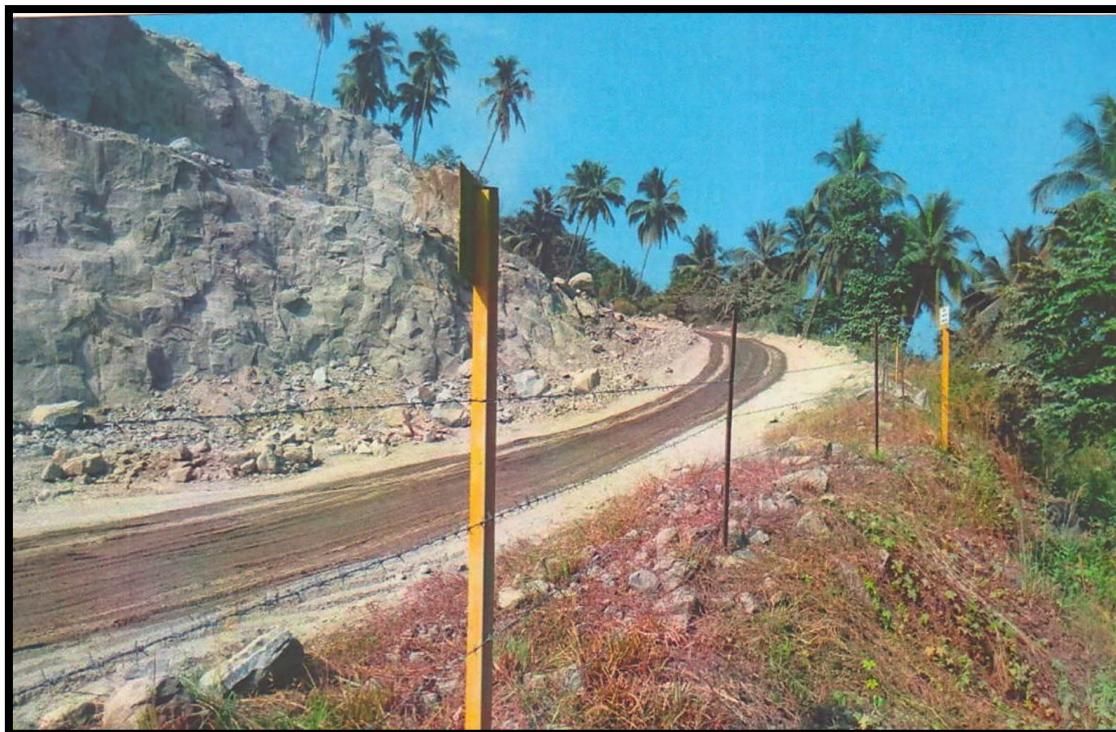
Compliance:

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



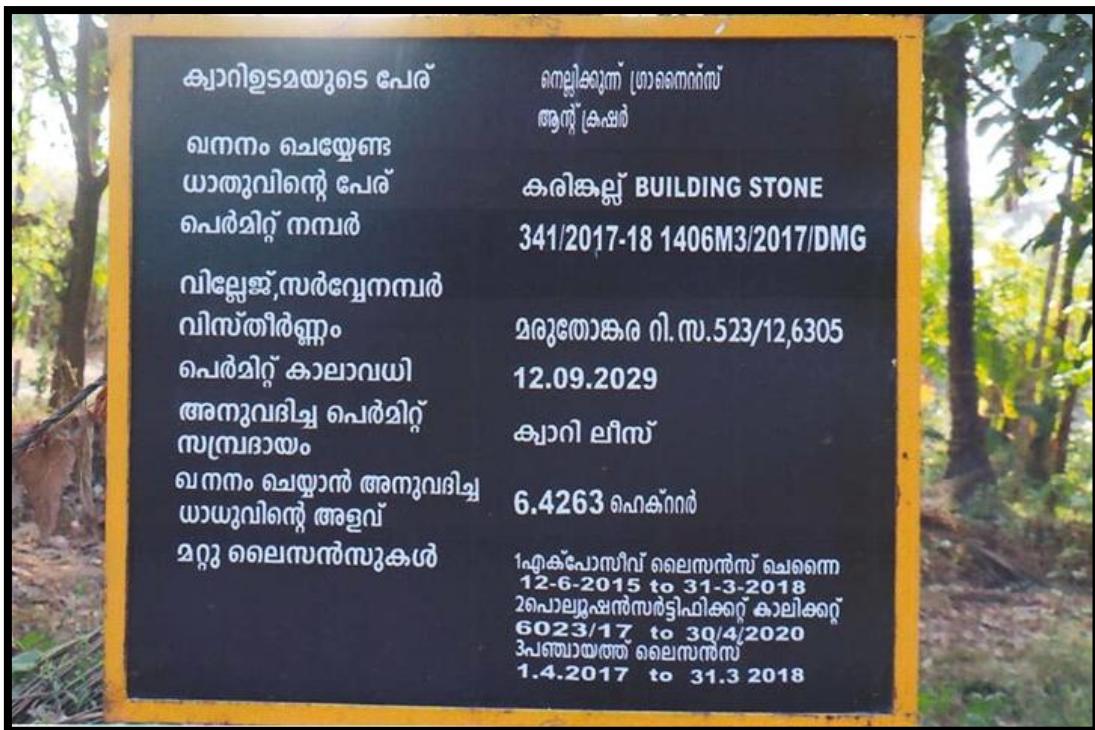
Covered Truck

Plate No.16



Magazine

Plate No. 17



EC Board

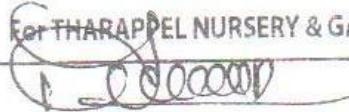
ANNEXURE

(Documents of the project)

Annexure No.1

Bill for fencing

Annexure No. 2

THARAPPEL NURSERY & GARDEN		Ph : 04936 - 266155 Mob : 09447235967 WhatsApp 09745569355		
(Govt. Approved) Anappara, Chulliyode P.O. S.Bathery, Wayanad, Kerala tharappelnursery@gmail.com No. 375		Date... 01.12.16 Vehicle No.....		
No	Particulars	Qty	Rate	Amount Rs. Rs.
1	15000	35	35	1820
2	25000	5	100	500
3	2000 (4x4)	2	75	150
4	10000	2	75	150
5				2690
6	25000	6	35	210
7	25000	2	120	240
8		2	90	180
9				3260
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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

Sreekanthswara Complex
IG Road, Kozhikode
Phone: 0495-2721141
Contact :9895500365
E-Mail :govclt1@gmail.com

Form No. 8B
Kerala Value Added Tax 2015

Party : **Hameed**
kuttiyadi

SI No.	Description of Goods	Quantity	Rate	per	Amount
1	Solar Street Light	1.00 No.	23,267.33	No.	23,267.33
		<i>OUTPUT VAT 1%</i>		1 %	232.67
		Total	1.00 No.		₹ 23,500.00
E. & O.E					

Amount Chargeable (in words)
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 & SYNBB0004405

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

Authorised Signatory

This is a Computer Generated Invoice

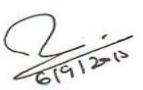


Bill of Solar Street light**Annexure No.4**

ACKNOWLEDGEMENT FOR CONTRIBUTION TO CMDRF, KERALA

Received with thanks from Shri/ Managing Director
 Smt Nellikkunnu...Granites & Crushers
 SBI..... a Cheque/ DD
 No. 727602 dated 6-9-18
 of for an
 amount of 10,000/- (One lakh only)

Final receipt can be generated from the CMDRF portal on
 realisation of Cheques / Demand Drafts.

Name : 
 Designation :
 Dept./ Organisation : ജീസ്റ്റ് കോളേജ്
 എൻഡീഇക്സാർ

ക്രെറ്റ് വെൽ : 246375
 ട്രെൻ : 246380.

ബഹുമാനിക്കപ്പെട്ട വാദം വാദം വാദം	2,46 380
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ബഹുമാനിക്കപ്പെട്ട വാദം	21,600
ബഹുമാനിക്കപ്പെട്ട വാദം	21,265
ബഹുമാനിക്കപ്പെട്ട വാദം	64,146
M. സാമ്പ് : 3 Head	24,000
സെറ്റ് : 300 ft.	9,600
ബന്ധി	84,630.
ബഹുമാനിക്കപ്പെട്ട വാദം	28,000

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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 Cheruvetti P.O., Kuttikadu, 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

[Signature]
Dy. Chief Controller of Explosives
कॉर्टें उप मुख्य विस्कोटक सेयरक्टर Ernakulam
For Deputy Chief Controller of Explosives
एरनाकुलम / Ernakulam

Endorsement for revalidation

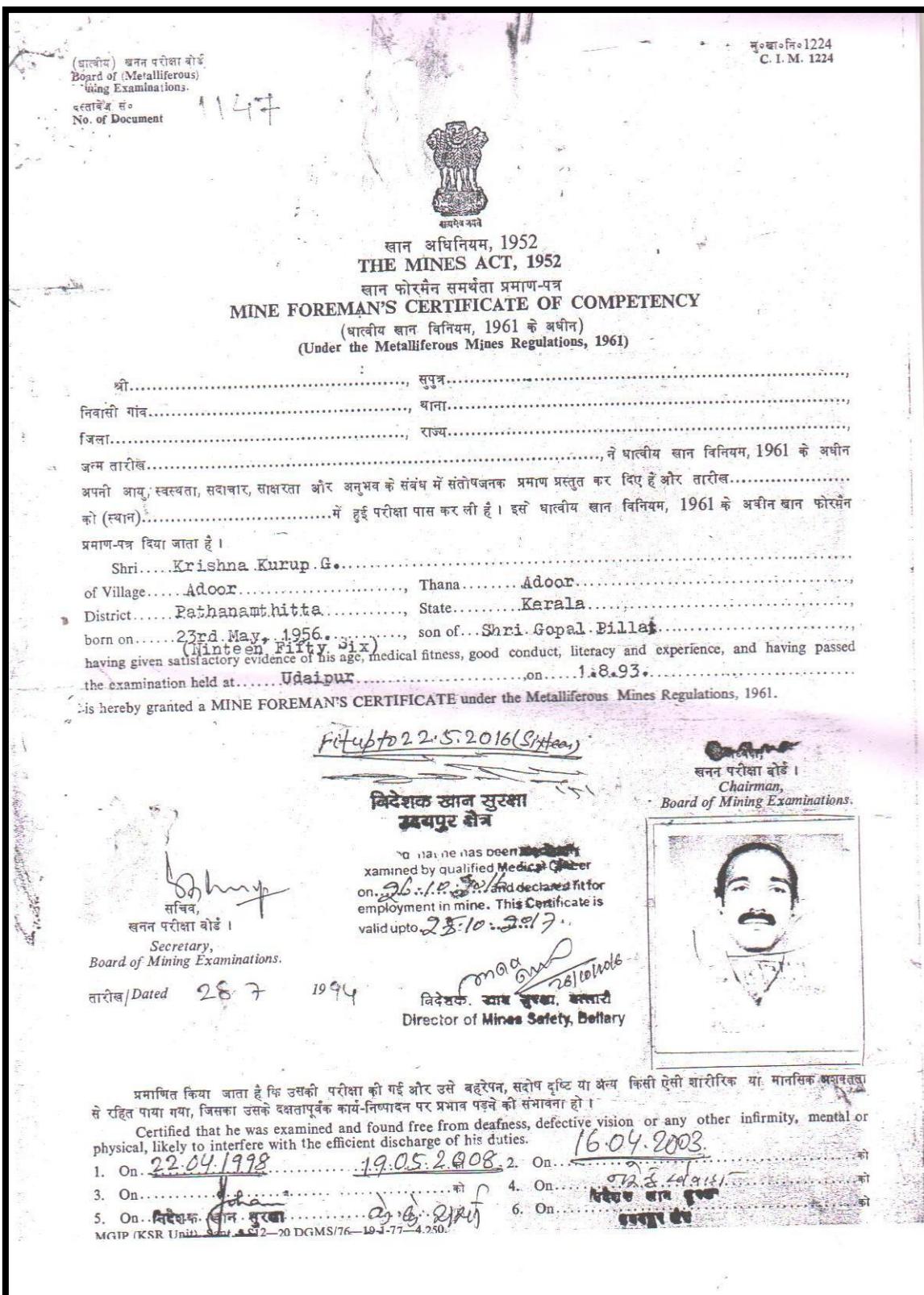
Date of Revalidation

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



Mine foreman

(अंतर्राष्ट्रीय) खनन परीक्षा बोर्ड
Board of (Metalliferous)
Mining Examinations
दस्तावेज़ संख्या 3870
No. of Document

मुख्यालय 1229
C.I.M. 1229

1952

दान अधिनियम, 1952
THE MINES ACT, 1952

खनन मेट समर्थन प्रमाण-पत्र
MINING MATE'S CERTIFICATE OF COMPETENCY

(अंतर्राष्ट्रीय खनन विनियम, 1961 के अधीन)
(Under Metalliferous Mines Regulations, 1961)

श्री जन्म तिथि ने अपनी आयु, स्वस्थता, सदाचार, साक्षरता और अनुभव का
संतोषजनक प्रमाण दे दिया है और तारीख में हुई परीक्षा पास कर ली है इसे शार्तीय खनन विनियम,
1961 के अधीन खनन मेट समर्थन 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.

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

तारीख/Date. 30 - 1 - 1990

बाएँ हाथ के आठे का निशान
Left hand thumb impression

प्रमाणित किया जाता है कि उसकी परीक्षा की गई और उसे वहरेपन, सदोष दृष्टि या अन्य किसी ऐसी शारीरिक या मानसिक अशक्तता से
रहित पाया गया, जिसका उसके दस्तावेज़ कार्य निपादन पर प्रभाव पड़ने की समाजता है।
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. 26-10-94 तातो को 2. On तातो को
3. On तातो को 4. On तातो को
5. On तातो को 6. On तातो को

निवेशक. डॉ. म. सुरक्षा

Mines mate

प्रमाणित किया जाता है कि उसकी परीक्षा की गई और उसे वहरेपन, सदोष दृष्टि या अन्य किसी ऐसी शारीरिक या मानसिक अशक्तता से
रहित पाया गया, जिसका उसके दस्तावेज़ कार्य निपादन पर प्रभाव पड़ने की समाजता है।
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. 26-10-94 तातो को 2. On तातो को
3. On तातो को 4. On तातो को
5. On तातो को 6. On तातो को

निवेशक. डॉ. म. सुरक्षा

(धारा १ उत्पादक) बनन परीक्षा बोर्ड
Board of (Metalliferous)
Mining Examinations

प्रतीक सं. No. of Document 5004

संग्रहीत नं. 1234
C.I.M. 1234

साल अधिनियम, 1952
THE MINES ACT, 1952

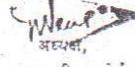
विस्तोटकता प्रमाण-पत्र
BLASTER'S CERTIFICATE OF COMPETENCY

(धारा १ उत्पादक बनन विनियोगवस्ती, 1961 के अधीन)
(Under Metalliferous Mines Regulations, 1961)

श्री शुभ्र गांव
याता जिला है अपनी आतु, आरोग्यता, अच्छे आचरण, साक्षरता और
अनुमति के संबंध में संतोषजनक प्रमाण दे देने और में तारीख
को हूँ एक परीक्षा पास कर लेने पर धारा १ उत्पादक बनन विनियोगवस्ती, 1961 के अधीन विस्तोटकता प्रमाण-पत्र दिया जाता है।

Shri P. KRISHNA KUMAR G. (Name)
of Village ALKOR , Phana VILLAGE
District RATNAMUTHITTA , State KERALA
born on 23RD MAY, 1956 son of GOPAL, ELLIAJ
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 on 7th NOVEMBER, 1986 is
hereby granted a BLASTER'S CERTIFICATE under the Metalliferous Mines Regulations, 1961.


सचिव,
बनन परीक्षा बोर्ड
Secretary,
Board of Mining Examinations.
दिनांक/Dated 01-9-1986.


बनन परीक्षा बोर्ड
Chairman,
Board of Mining Examinations.


बाएं हाथ के अंगुठे का निशान
Left hand thumb impression



प्रमाणित किया जाता है कि उक्तीसी स्वास्थ्य परीक्षा कर ली गई है और वह बहुत अच्छा, प्रदोष दृष्टि या अन्य किसी ऐसी मानसिक अथवा ज्ञानात्मक अवधारणा से मुक्त पाया गया है जो उसके कर्तव्यों को प्रभावी रूप से करने में वापरक 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. 2. On
3. On उन्नान सुरेश मिदेश्वर 4. On
5. On Director of Mine Safety 6. On
MGPCBE-S3-3D कालांगड़, गुजरात, 5-2-82-11,500.
saiyed/25th.

Blaster

Annexure No.6



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 Taiuk, 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 Cheruveri, 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
 കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡ്
 കോഴിക്കോട് ജില്ലാ ആഫീസ്
 DISTRICT OFFICE, KOZHIKODE
 3rd FLOOR, ZAMORIN'S SQUARE, LINK ROAD, KOZHIKODE - 673 002
 Telefax: 2300745, 46, 47
www.keralapcb.org



File No:PCB/KKD/DO/2296/2012

Date: 25.05.2015

CONSENT TO OPERATE – RENEWAL

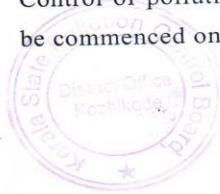
Consent no: PCB/KKD/DO/ICO-R1/2296/2015

Ref:- 1. Your application dated 16.03.2015
 2. Consent No PCB/KKD/DO/ICO/2296/2012 dated 13.04.2012

The 'Consent to operate' issued vide ref. 2 to M/s Modern stone crusher - quarry , Maruthonkara, Kozhikode-673508 is hereby renewed up to 31.03.2018 .The Consent cited under ref. 2 as attached herewith is part of this renewal order and this order is subject to the conditions stipulated therein and to the following variations .

Item No 1.12	Fee remitted	Rs.36000/-
Item No 1.14	Capital Investment	Rs.5100000/-
Item No 1.15	Products & Activity	Quarrying in 0.4047 hecter of land of ReSurvey no. 523/1 in Mauthonkara Village, Vadakara Taluk, Kozhikode District.

The consent issued from the Board will be valid only for a period during the period when all other statutory or necessary clearance from the concerned authorities are valid. The consent issued from the Board is only with respect to the powers vested under the Water (prevention & control of pollution) Act 1974; Air (Prevention & Control of pollution) Act 1981 and rules there under. The operation of the unit shall be commenced only after obtaining clearance from all concerned authorities



For and on behalf of the
 KERALA STATE POLLUTION CONTROL BOARD

ENVIRONMENTAL ENGINEER

VINAYA.K.S
 Environmental Engineer**Consent form PCB****Annexure No.9**

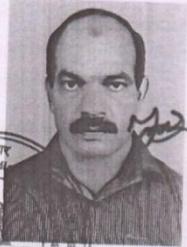
LICENCE FORM LE-3

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

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

Licence No. : E/SC/KL/22/1620(E71339)

Annual Fee Rs.2400/-



1. Licence is hereby granted to : **T K Abdul Salam (Occupier : T.K.Abdul Salam)**
Nelliottu House, Paleri P.O., Kozhikode, Town/Village- Kuttiyadi District-KOZHIKODE, State-Kerala, Pincode - 673315
2. Status of licensee : **Individual**
3. Licence is valid only for the following purpose : possess for use of **Nitrate Mixture, Safety Fuse, Ordinary Detonator, Electric Detonators**,
4. (a) Licence is valid for the following kinds and quantity of explosives:

Sr. No.	Name and Description	Class & Division	Sub-division (If any)	Quantity at any one time
1.	Nitrate Mixture	2 ,0	0	100 Kg.
2.	Safety Fuse	6 ,1	0	2000 Mtrs
3.	Ordinary Detonator	6 ,3	0	2000 Nos.
4.	Electric Detonators	6 ,3	0	1500 Nos.

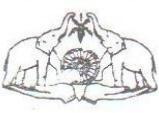
(b) Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)] : **20 times as above.**

5. The licensed premises shall conform to the following drawing(s):
Drawing No : E/SC/KL/22/1620(E71339) dated : 12/06/2015
6. The licensed premises are situated at following address:
Survey No. R.Sy.No.570 , Town/Village : **Muruthonkara (v),Vatakara Tk**
Police Station : **Thottipalam** District : **KOZHIKODE** State : Kerala
PinCode : **673315** Phone : E-Mail : Fax :
7. The licensed premises consist of following facilities : **Type C magazine**
8. The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.
 - (1) Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
 - (2) Conditions and Additional Conditions of this licence signed by the licensing authority.
 - (3) Distance Form DE-2
9. This licence shall remain valid till **31st day of March 2018**

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.

Explosive license

Annexure No.10

 04/2017		തീയതി 22-06-2017.	
ഡിസ്ട്രിക്ട് ശ്രമ പഞ്ചായത്തിൽ നിന്നും			
1994 ലെ കോഡിൽ പണ്ഡംത്ത് ഡേജ് ആക്ക് (1994 ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകളിൽ അംഗത്വ സ്വീകരിക്കുന്നതുള്ള പ്രത്യേകതയും അനുസരിച്ചു നശിക്കുന്ന			
ഡി & ഓ ലൈസൻസ്			
ലൈസൻസിയുടെ ഫോം മേരിപ്പിലാണവും	സ്ഥാപിക്കുന്ന ട്രാൻസ്ഫറ്റ് തന്ത്രം സ്ഥാപിക്കുന്ന ട്രാൻസ്ഫറ്റ് തന്ത്രം		
സ്ഥാപിക്കുന്ന ട്രാൻസ്ഫറ്റ് തന്ത്രം പ്രവർത്തനാശം	ബന്ധിക്കുന്ന ട്രാൻസ്ഫറ്റ് തന്ത്രം		
കെട്ടിക്കുന്ന നിധി മുദ്രയും മാറ്റം നിന്നും	25/06-2017/2226 (new no. - 523/1)		
ലൈസൻസ് പ്രാബല്യത്തിൽ നിന്നും	22-06-2017 മുതൽ 31-03-2018 വരെ		
ഇടവക്കിയ കമ്പനിയും ഫോം	4000/- രൂപ	ഫോം നിന്ന് 11602104102/25-02-17	
1. Explosive License No: E/SC/KC/22/1620(E71339) dtd 14-06-2017. 2. Consent to Operate Certificate No: P/8/KKD/D0/ 6023/2016 from Kerala state Pollution Control Board. 3. Environmental Clearance Certificate No: 539/SEIA/ EC4/3882/2014 from state Environment Impact Assessment Authority, Kerala. 4. Shotfirer's Certificate No: E/SC/KC/30/690(E82036) dtd 19-06-2014 (Valid upto 19-06-2019) from Govt. of India. 5. Intent No: 1406/003/2017 dt 03-03-17 from Ministry of Geology Directorate.			
നിന്നും നിലവിലുള്ള നിരവധി പ്രാബല്യം 20-07-2017 നും 21-07-2017 നും നിലവിലുള്ള നിരവധി പ്രാബല്യം നിലവിലുള്ള നിരവധി പ്രാബല്യം			
കമ്പനിയും ഫോം No. 41/2017-18/1406/113/2017 DMG DT. 19/06/17. Printed 1-30-Y-2014			
SECRETARY Maruthonkara Gram Panchayat P.O. Maruthonkara-673510 9406048177			

License form Gram Panchayat

Annexure No.11

(II)

FORM M

[See sub-rule (2) of Rule 9]
(For all type of quarrying permits)

GOVERNMENT OF KERALA
DEPARTMENT OF MINING & GEOLOGY DISTRICT OFFICE, KOZHIKODE

QUARRYING PERMIT FOR EXTRACTION OF GRANITE BUILDING STONE/
GRANTED UNDER RULES 3(1), 9 AND 10 OF THE KERALA MINOR
MINERAL CONCESSION RULES, 2015 AND KMMC (2ND AMENDMENT) RULES 2015

No. 12/2016-17/GS/CRPS/DOZ/M.1021/16.

Dated. 29.06.2016

SRI. T.K. ABDUL SALAM, NELLIYOTTU HOUSE, PALERI POST, KUTTIADI, KOZHIKODE is hereby permitted to extract and remove GRANITE BUILDING STONE from an area of 40.47 ARES in Resurvey No. 523/1 of MARUTHONKARA Village of VATAKARA Taluk of KOZHIKODE District, Kerala State under rule 3(1) and 9 of the Kerala Minor Mineral Concession Rules, 2015 and KMMC (2ND Amendment) Rules 2015 subject to the conditions mentioned in Rule 10.

Quantity of extraction of mineral permitted : Not Applicable.
(Not applicable in the case of CRP System)

Whether the permit holder opted CRP System : CRPS

Number of mineral transit passes to be issued : 5,000 + No. of Mineral Transit Passes required for transportation of granite (Building Stone) extracted from the specified area during the specified period for which the annual consolidated royalty paid in advance

Name and address of the owner of the land under mineral concession/particulars of consent/NOC received from the occupier of the land (if applicable) : Managing Director , Nellikkunnu Granites & Crusher Pvt. Ltd, Vannathichira post, Kavilumpara

Date of expiry of permit : 28.06.2017

DETAILS OF FEE REMITTED

Item	Chalan No. and Date	Amount	Name of Treasury
Application fee	395/11.05.2016	1,000/-	D.T., KOZHIKODE
Royalty	320/29.06.2016	7,00,000/-	D.T., KOZHIKODE
Surface Rent	320/29.06.2016	100/-	D.T., KOZHIKODE
Addl. Royalty remitted, if any			

(Office Seal)



Signature and Address of the issuing authority.

To

1. SRI. T.K. ABDUL SALAM,
NELLIYOTTU HOUSE,
PALERI POST,
KUTTIADI,
KOZHIKODE
2. Hameed Cheruvari, Managing Director, Nellikkunnu Granites &
Crusher Pvt. Ltd, Vannathichira post, Kavilumpara

:- Land owner

Copy to:— (1) The District Collector, (with C/L)

(2) Secretary, Maruthonkara Grama Panchayath

Copy of Permit

Annexure No.12

<p style="text-align: right;">THE NEW INDIAN EXPRESS KOZHIKODE SATURDAY 2 JANUARY 2016</p>	
<p>NOTICE</p> <p>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 Nelliikkunnu Granite & Crusher Pvt. Ltd. is accorded with ENVIRONMENT CLEARANCE by State Environment Impact Assessment Authority, Kerala vide Order No. 539/SEIAA/EC/43882/2014 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</p>	<p>COIR INDUSTRY AWARD FOR 2014-15</p> <p>COIR BOARD</p> <p>MINISTRY OF MSME, Government of India M.G.Road, Kochi - Pin-682016. Ph:0484 2351900</p> <p>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.</p> <p>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.</p> <p>For further details contact Development Officer (M), Coir Board (Ph.0484:2362751)</p> <p style="text-align: right;">For more details visit: www.coirboard.gov.in</p> <p style="text-align: right;">S/d SECRETARY, COIR BOARD</p>
<p>Y OF KERALA INTHAPURAM-34</p> <p>2015/PR MN-QTNS/2015-16</p> <p>ATION</p> <p>otations are in- upply of Com- s, Laptops and for the use of date of receipt 08.01.2016, at visit 'Tenders' in iversity.ac.in m Sd/- Director, SDE</p>	<p>AYATH A- 670673 ail.com</p> <p>26/12/2015</p> <p>for the following ayat. Tender details days or the website</p>
<p>SUNDARAM BNP PARIBAS</p>	<p>Regd Office: No. 21, Pattulos Road, Chennai - 600 002. Corporate Office: 46, Whites Road, Chennai - 600 014. Branch Office: 9, Eliza, P.M.T.O. 1, M.G.R. Road, Chennai - 600 004.</p>

<p>o സർത്തു നാവര പിള്ളിക്കുന്ന സലിയാർ.</p> <p>പബ്ലിക്കുറ്റി നി ഓൺലൈ ന രാജ്. 12</p> <p>വർത്തി പരിഹാരം. ഡാവിഡ് 96054 90662</p> <p>ഉൾച്ചാലു് കുടുംബം പ്രം- 028.</p> <p>N</p> <p>Kingdom, alia, Newzealand oma/ Marriage/ Services and</p>	<p>06-01-2016 തീവണ്ണം മാത്രമായി നിബന്ധിച്ചിട്ടുണ്ട്, മുൻ, പി ഒരു കേരള സംസ്ഥാന സാമ്പത്തിക വകുപ്പ് അധികാരി</p> <p>PUBLIC NOTICE</p>	<p>0481 3236524, Branch Kochi: 80896 50524 www.singlesittingdegree.com</p> <p>പൊതുജന ശ്രദ്ധയ്ക്ക്</p> <p>പൊതുജന ശ്രദ്ധയ്ക്കായി, കേരള സംസ്ഥാനം, കോഴിക്കോട് ജില്ലാ പട്ടം താലുക്ക്, മരുതോക്കര വില്ലേജിലും പബ്ലിക്കുറ്റിലും പെട്ട സർവ്വ നമ്പർ 523/1 Part, 571/1 Part & 567-ൽ പാറ വന്നുന്ന ചെയ്യുന്നതിനു മേഖല പരിസ്ഥിതികാനുമതി നെല്ലിക്കുന്ന് ഗ്രാന്റ് & ക്രേഡിറ്റ് പ്രൈവറ്റ് ലിമിറ്റഡ് എന്ന സ്ഥാപനത്തിന് കേരള സംസ്ഥാന പരിസ്ഥിതി ഇംപാക്ട് അസ്സുന്നമന്ത്രി അതോറിറ്റിയിൽനിന്നും, 539/SEIAA/EC4/3882/2014 തീയതി 15-12-2015 ഓർഡർ പ്രകാരം ലഭിച്ചിട്ടുണ്ട്. ഈ ഓർഡർ പകർപ്പ് കേരള സംസ്ഥാന പരിസ്ഥിതി കാലാവസ്ഥ വുതിയാനു വകുപ്പിൽ ലഭ്യമാണ്. www.seiaakerala.org എന്ന വെബ്സൈറ്റിൽകൂടിയും പകർപ്പ് കാണാവുന്നതാണ്.</p> <p>CONSUMER APPLIANCES</p> <p>CAMERA</p> <p>പെൻ കീചെയിൻ ക്യാമറ</p> <p>സേവർജ്ജി ഓഫീസർ ടെക്നിക്കൽ</p> <p>കൊച്ചി— കോഴിക്കോട്. ഒരു മാസം കൊണ്ട് Expert സേവർജ്ജി ഓഫീസർ ആകാം. 25 വർഷങ്ങളായി എറണാകുളത്ത് പ്രവർത്തിക്കുന്ന Safety Tech Management എന്ന ISO Certified Safety Engineering Company യിൽ നടത്തുന്ന കെൽസിക്ക്. Government of India പ്രാദേശിക സർട്ടിഫിക്കേറ്റ് Placement</p>	<p>ഓരു—മരു മാർഗ്ഗം കോഴിക്കോട്. 98952 00</p> <p>ബാക്ക് പണയ കമ്മിഷന്റെ സാ വിക്കാൻ സഹായി കളിലെല്ലാം എക്സി സ്പ്രെഡഡ് ആണ്. 94477 92916, 99463 2233</p> <p>ബേക്ക് പണയ കമ്മിഷന്റെ സാ വിക്കാൻ സഹായി കളിലെല്ലാം എക്സി സ്പ്രെഡഡ് ആണ്. 99471 11916, 90723 119</p> <p>ബാക്ക് പണയ കമ്മിഷന്റെ സാ വിക്കാൻ സഹായി കളിലെല്ലാം എക്സി സ്പ്രെഡഡ് ആണ്. 99471 11916, 90723 119</p>
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Advertisement in News paper

Annexure No.13

A1576454		C C C C C C C C	
Maruthomkara Grama Panchayat			
Maruthomkara P.O , Pin-673513,			
Phone:0496-2666048			
Inward No	5474		Year
Date of Receipt	29/12/2015		2015
Name of Applicant IMPACT ENVIRMENT , TVM			
ENVIRMENT CERTIFICATE			
Subject			
Date of Delivery			
Section	A1		
Remarks : Counter No. & Staff : 29/12/2015 10:42:38AM Secretary			

Acknowledgement received from Gram Panchayat

Annexure No.14



TEST REPORT

Test Report No: TC540219000000144F	Date: 18.01.2019	Page 1 of 1
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CUSTOMER DETAILS			
Customer Details	Name & Address		M/s Nellikunnu Granite & Crusher Pvt Ltd Vannathichira, Kavilumpara, Kozhikode District
Location Of Site	Survey No	523	
	Village	Maruthonkara	
	Panchayath	Vadakara	
	Taluk	Maruthonkara	
	District	Kozhikode	
	State	Kerala	
Customer Reference		Test Request form dated 12.01.2019	
SAMPLE DETAILS			
Source of Sample	Ambient Air	Sample Code	TC540219000000144F
Location of Monitoring	North West side	Sampled By	Laboratory
Date of Monitoring	12.01.2019	Test Started On	14.01.2019
Sample Received On	14.01.2019	Test Completed On	16.01.2019
Humidity	62 %	Sampling Procedure	IS 5182 Part V & XIV

SL NO	TEST PARAMETER	TEST METHOD	UNIT	RESULTS	NAAQ STANDARD
01	Particulate matter (PM ₁₀)	IS 5182 Part 23: 2006 RA 2017	µg/m ³	62.7	100
02	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix - L	µg/m ³	19.2	60.0
03	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001 RA 2017	µg/m ³	< 2.00	80.0
04	Nitrogen dioxide (NO ₂)	IS 5182 Part 6: 2006 RA 2017	µg/m ³	< 2.00	80.0

End of Report

For and on behalf of
StandardS Environmental & Analytical Laboratories


Authorized Signatory

Laiju P. N.
Laboratory Head

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

StandardS Environmental & Analytical Laboratories

Accreditation and Approval: NABL as per ISO 17025: 2005 & "A" Grade laboratory of KSPCB
 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, info@sealabs.in

Ambient Air

Annexure No.15

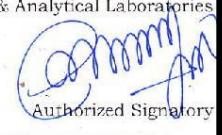
		TEST REPORT	 NABL (TC-5402)		
Test Report No: TC540219000000145F		Date: 18.01.2019	Page 1 of 1		
CUSTOMER DETAILS					
Customer Details		Name & Address M/s Nellikunnu Granite & Crusher Pvt Ltd Vannathichira, Kavilumpara, Kozhikode District			
Location of Site		Survey No	523		
		Village	Maruthonkara		
		Panchayath	Vadakara		
		Taluk	Maruthonkara		
		District	Kozhikode		
		State	Kerala		
Customer Reference		Test Request Form dated 12.01.2019			
SAMPLE DETAILS					
Sample Code	TC540219000000145F	Sample Received On	14.01.2019		
Sample Name	Water	Sampling Procedure	---		
Sample Description	Bore Well	Sampling Location	South East Side Boundary		
Identification By Customer	---	Sample Condition	Good		
Sampled On	---	Test Started On	14.01.2019		
Sampled By	Customer	Test Completed On	18.01.2019		
SL NO	TEST PARAMETER	TEST METHOD	UNITS	RESULT	ACCEPTABLE LIMIT (IS 10500 – 2012)
01	Colour	IS 3025 Part 4:1983 RA 2017	Hazen	1.00	5.00 (Max)
02	Odour	IS 3025 Part 5:1983 RA 2017	---	Unobjectionable	Unobjectionable
03	Turbidity	IS 3025 Part 10:1984 RA 2017	NTU	1.20	1.00 (Max)
04	pH	IS 3025 Part 11:1983 RA 2017	---	6.76	6.50 – 8.50
05	Conductivity	IS 3025 Part 14:1984 RA 2013	µS/cm	415	---
06	Total Dissolved Solids	IS 3025 Part 16:1984 RA 2017	mg/L	257	500 (Max)
07	Total Hardness (as CaCO ₃)	IS 3025 Part 21:2009 RA 2014	mg/L	115	200 (Max)
08	Calcium (as Ca)	IS 3025 Part 40:1991 RA 2014	mg/L	39.6	75.0 (Max)
09	Magnesium (as Mg)	IS 3025 Part 46:1994 RA 2014	mg/L	3.86	30.0 (Max)
10	Chloride (as Cl)	IS 3025 Part 32:1988 RA 2014	mg/L	47.7	250 (Max)
11	Total Alkalinity (as CaCO ₃)	IS 3025 Part 23:1986 RA 2014	mg/L	96.5	200 (Max)
12	Iron (as Fe)	IS 3025 Part 53:2003 RA 2014	mg/L	0.42	1.00 (Max)
13	Sulphate (SO ₄)	IS 3025 Part 24:1986 RA 2014	mg/L	6.12	200 (Max)
14	Total Coliform Bacteria	IS 15185 : 2016	---	Absent/100 ml	Absent/100 ml
15	E coli	IS 15185 : 2016	---	Absent/100 ml	Absent/100 ml

End of Report

For and on behalf of
 StandardS Environmental & Analytical Laboratories

Vidhyalakshmi Das
 Microbiologist

 Authorized Signatory


 Laiju P.N.
 Laboratory Head

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

Annexure No.16



TEST REPORT



Test Report No: TC540219000000146F	Date: 18.01.2019	Page 1 of 1
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CUSTOMER DETAILS		
Customer Details	Name & Address	M/s Nellikunnu Granite & Crusher Pvt Ltd Vannathichira, Kavilumpara, Kozhikode District
	Survey No	523
	Village	Maruthonkara
	Panchayath	Vadakara
	Taluk	Maruthonkara
	District	Kozhikode
	State	Kerala
Customer Reference	Test Request Form dated 12.01.2019	
SAMPLE DETAILS		
Source of Sample	Ambient Sound Level	
Sample Code	TC540219000000146F	
Location of Monitoring	North East side Boundary	
Date of Monitoring	12.01.2019	

DAYTIME	RESULT	NIGHTTIME	RESULT
06.00 Hrs	38.3 dB (A)	23.00 Hrs	38.0 dB (A)
07.00 Hrs	41.1 dB (A)	00.00 Hrs	37.6 dB (A)
08.00 Hrs	45.4 dB (A)	01.00 Hrs	38.4 dB (A)
09.00 Hrs	49.0 dB (A)	02.00 Hrs	38.0 dB (A)
10.00 Hrs	51.4 dB (A)	03.00 Hrs	38.7 dB (A)
11.00 Hrs	54.5 dB (A)	04.00 Hrs	37.5 dB (A)
12.00 Hrs	51.7 dB (A)	05.00 Hrs	39.5 dB (A)
13.00 Hrs	51.0 dB (A)	RESULTS	
14.00 Hrs	51.4 dB (A)	Noise Level (L _{eq}) Daytime	49.8 dB (A)
15.00 Hrs	51.7 dB (A)		
16.00 Hrs	52.9 dB (A)		
17.00 Hrs	53.3 dB (A)		
18.00 Hrs	47.8 dB (A)		
19.00 Hrs	44.2 dB (A)		
20.00 Hrs	40.3 dB (A)	Noise Level (L _{eq}) Nighttime	37.9 dB (A)
21.00 Hrs	39.8 dB (A)		
22.00 Hrs	37.1 dB (A)		

End of Report

For and on behalf of
Standard's Environmental & Analytical Laboratories

Laiju P. N.
Laboratory Head

Authorized Signatory

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

Ambient Sound