

COMPLIANCE REPORT

OCTOBER 2018 – MARCH 2019

M/s Nellikunnu Granite & Crusher Pvt. Ltd
Kozhikode District
Kerala

NELLIKUNNU GRANITE & CRUSHER PVT LTD

Vatakara Taluk, Maruthonkara Village, Vannathichira Post, Pin 673513

Dt.16-07-2019

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 – 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 2018 – March 2019) to the specific and general conditions of the Environment Clearance order is enclosed.

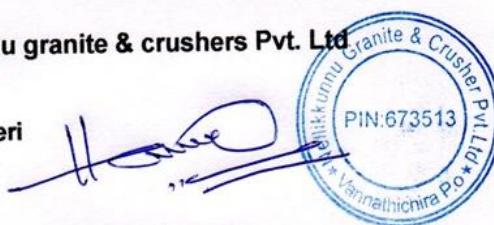
Thanking you,

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

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

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 2018 – March 2019** 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 11⁰ 39' 03.17" N to 11⁰ 38' 53.42" N and 75⁰ 49' 42.25" E to 75⁰ 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.

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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

COMPLIANCE REPORT

PART - A – SPECIFIC CONDITIONS

01	Proper fencing and sign boards must be fixed all around.	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. To make aware the people, the project has installed sign boards 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:

The project has restricted entry of large vehicles along the approach road to the quarry site for transportation of minerals as per the direction of State Environment Impact Assessment Authority (SEIAA), Kerala. At present, the small vehicles are being used for the transportation of minor 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 eco – restoration is an integral part of the mining industry. The project is willing to involve experts in the field of biodiversity and Environment for sustainable environment and 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 collect rain water from the entire project land, the project proponent has converted an abandoned mine pit as Rain Water Harvesting pond along with adequate drains in the quarrying area. The surface runoff is canalized to the pond through gulland 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 of Rain water collection pond is provided 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) has formed with Mr. Hameed C as head of the monitoring cell. The EMC meeting convenes regularly to evaluate and monitor quarrying work in connection with the specific and general conditions stipulated in the Environmental Clearance (EC) order. The details of the Environment 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)

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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 project proponent planted suitable 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. 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	Tabernaemontana	Kunnanpala	Apocynaceae	Tree

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	<i>alternifolia</i>			
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:

As part of energy conservation, the project is generating and utilizing energy from solar by installing solar street lights in the project site. 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:

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:

As part of eco restoration, the project started to plant various saplings within the project area. The list of tree/shrub/herb saplings planted in the project site is given below in **Table No. 3**. The mine closure plan will be done at own cost of project proponent as agreed in the proposal.

COMPLIANCE REPORT

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	Kanthalimulaku	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:

The project 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 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 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.

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

Sectors	Activities	Partners	Beneficiaries	Amount spent in Rs.
Education	Donation	Mercy Educations, Vatakara	student	3,000
Infrastructure Development	Donation for House construction	Abhayam Home Construction Fund		500
	Donation for House construction	Abhayam Home Construction Fund		500
Health	Donation		Hameed	5,000
	Donation		Nitha	2,000
	Donation		Vinodan	25,000
	Donation		Sumesh	25,000
	Donation		T.K Rameshan	5,000
Arts, Sports & Festival	Donation for festival	Royals Kacherithazha	Public	2,000
	Donation for	KKJ Light & Sound	Public	2,000

M/s Nellikkunnu Granite & Crushers Pvt. Ltd

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	Arts			
	Donation for Arts	Students Union Magazine	Public	500
	Donation for Union	EDUCOS Kuttiyadi	Public	1,500
	Donation for Tournament	District Football Tournament	Public	5,000
	Donation for Arts	Zonasa Arts Fest	Public	500
Social	Donation for Charity	Kaniv Charity		2,000
	Donation for Charity	Contribution to CMDRF, Kerala	Community	1,00,000
	Donation for Society	Farmers Society	Community	2,000
	Donation for Charity	Mallankunnu Relief Committee,Kavilumpara.	Community	28,000
	Donation for Charity	Mallankunnu Relief Committee,Kavilumpara	Community	28,000
	Donation for Charity	Mallankunnu Relief Committee,Kavilumpara	Community	28,000
	Donation	Centremukk Relief Committee	Community	26,000
	Donation	Centremukk Relief Committee	Community	26,000
	Donation	Centremukk Relief Committee	Community	26,000
	Donation	KVSS	Community	2000
	Total			3,45,500

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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 prevent falling of animals/human being/dumping of garbage etc, 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 Explosive Department.	Complied
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Compliance:

To give warning to the labours and community prior to the blasting in quarry, the project proponent has installed warning alarms as per the stipulation of Explosive department 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 noise mitigators. 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 bring 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.

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- 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 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:

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, the project has tarred the access road of 600 meters from the entrance of project site to the quarry site. The project is spraying water on the road to arrest the dust production during summer season. The photograph of concreted road is provided in **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:

Overburden is an inevitable byproduct of building stone quarry. There is no old quarry in the site for restoration. The overburden materials are stored within the site at designated place. This will be used to restore the exploited area in future. 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:

The quarrying activity in the project is progressing by creating benches of 5m width and 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 yet to use mats during the time of blasting. The project is using ordinary delayed detonator for blasting therefore there is no issue with fly rock in the community and the project is also assure the maximum PPV is under 10

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

Mining depth will not exceed beyond 10 meter or not below the level of the nearest stream bed, whichever is less. The project proponent has given instruction to the mining mate to explore the minerals as per the submitted eco friendly plan. 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 45°.	Noted
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Compliance:

In the project site, there is no mining operation is carried out with a slope greater than 45°.

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

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prescribed standards. The project is trying to enhance the vegetative cover by planting more tree saplings

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

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

The project assure that the trucks are covered to avoid dust emission from the vehicle while transportation of materials. A photograph of covered trucks is provided in **Plate No. 15**.

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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 started to plant various saplings in the project area as a compensation of loss of trees while the project is clearing the land for mining. 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 spend oil sold only to the approved recyclers, some time it is using as lubricant in the project site.

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

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:

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

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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 8**. All conditions stipulated in consent are complied with.

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

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“Consent to Operate” (Renewal)	Kerala State Pollution Control Board	PCB/KKD/DO/6023/2017 Dated : 20-06-2017 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	A3-1634/2019-20-2 dated 01-04-2019
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:

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

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

The project is willing to add additional safe guard measures subsequently if the authority found necessary.

COMPLIANCE REPORT

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	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
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COMPLIANCE REPORT

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 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	Being Complied
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COMPLIANCE REPORT

	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.	
--	---	--

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.	Complied
----	---	----------

Compliance:

The detail of the Environmental Clearance is prominently displayed in a metallic board with the specific conditions as per specifications mentioned in the condition. The photograph of the board is attached as **Plate No. 8.**

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.

COMPLIANCE REPORT

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

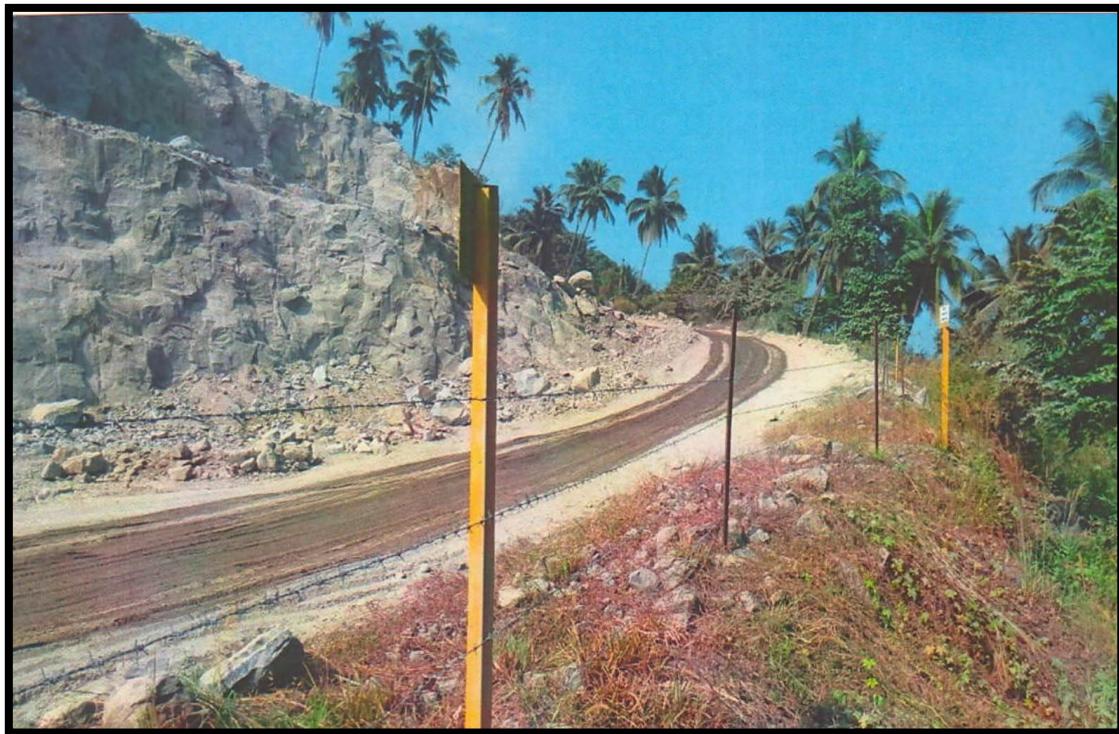
Compliance:

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

COMPLIANCE REPORT

Plate No.5



Avenue Trees

Plate No.6



Solar Street Light

COMPLIANCE REPORT

Plate No.7



Sprinkler

Plate No.8



EC Board

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

COMPLIANCE REPORT

Plate No.15



Covered Truck

Plate No.16



Magazine

ANNEXURE

(Documents of the project)

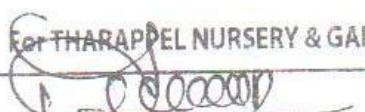
COMPLIANCE REPORT

Annexure No.1

Bill for fencing

COMPLIANCE REPORT

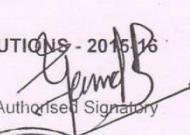
Annexure No. 2

THARAPPEL NURSERY & GARDEN (Govt. Approved) Anappara, Chulliyode P.O. S.Bathery, Wayanad, Kerala tharappelnursery@gmail.com No. 375		Ph : 04936 - 266155 Mob : 09447235967 WhatsApp 09745569355		
		Date... 01/12/16		
		Vehicle No.....		
To.....				
No	Particulars	Qty	Rate	Amount
RS.	RS.			
1	2500	35	1820	
2	2500	50	500	
3	2500 (1x2)	2	75	150
4	2500	2	75	150
5				2670
6	2500	6	35	210
7	2500	2	125	250
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

COMPLIANCE REPORT

Annexure No. 3

SUBJECT TO CALICUT JURISDICTION <i>Original - Buyer's Copy</i>					
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 kuttiyadi					
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) 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

COMPLIANCE REPORT

Annexure No.4

ACKNOWLEDGEMENT FOR CONTRIBUTION TO CMDRF, KERALA

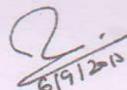
Received with thanks from Shri/ Managing Director
Smt. Nellikkunnu Granites & Crushers
SBI..... a Cheque/ DD
No. 727602 dated 6-9-18
of for an
amount of 10,000/- (One lakh only)

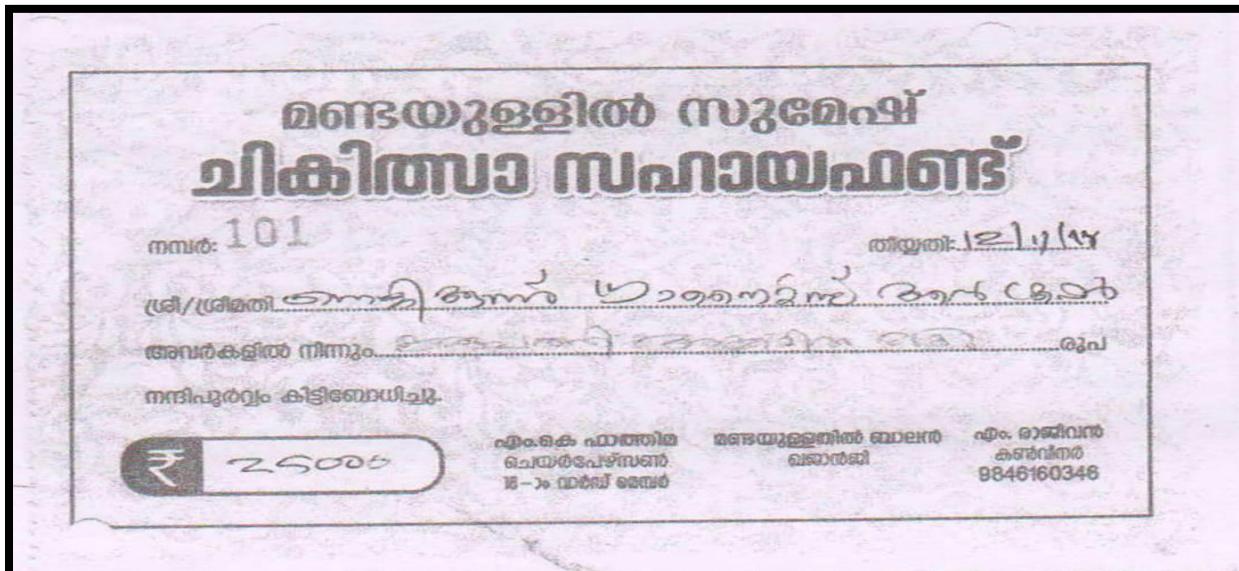
Final receipt can be generated from the CMDRF portal on
realisation of Cheques / Demand Drafts.

Name

Designation

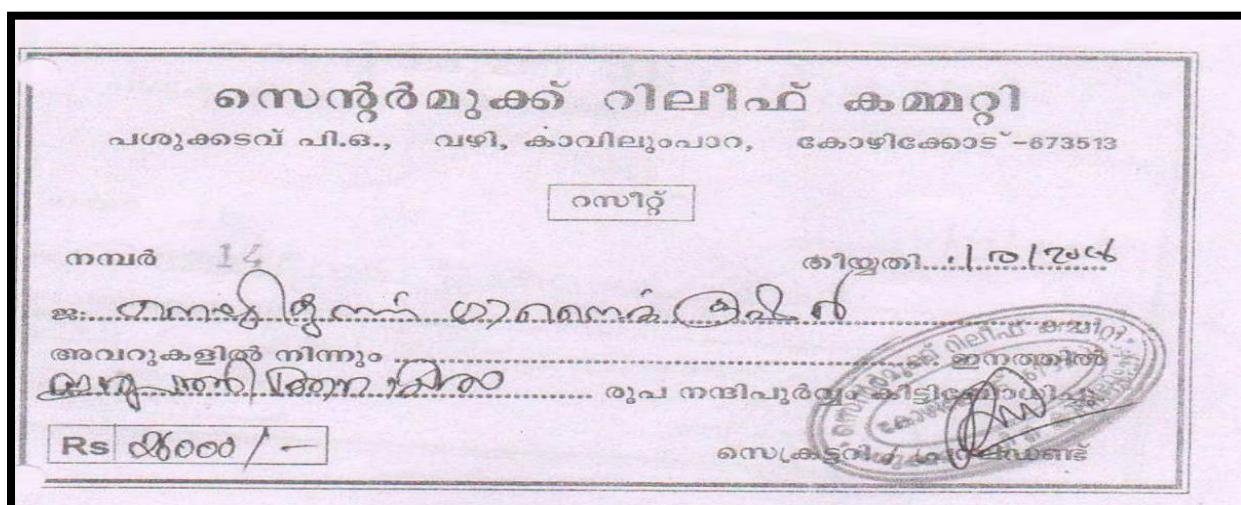
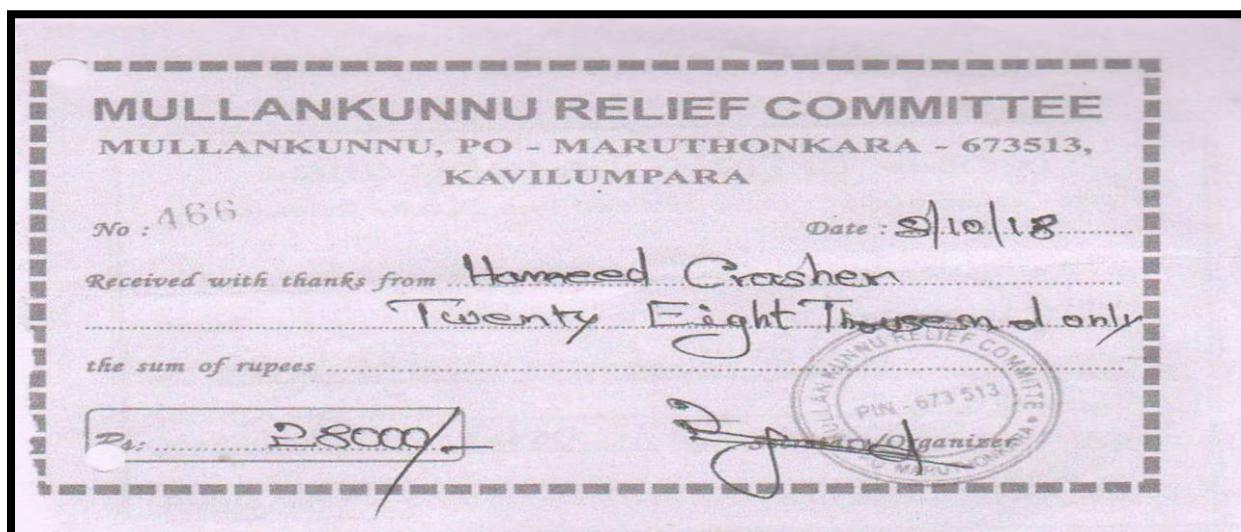
Dept./ Organisation


6/9/2018
ജീവൻ കൗൺസിൽ
കോൺഗ്രസ്സ്



M/s Nellikkunnu Granite & Crushers Pvt. Ltd

COMPLIANCE REPORT



The receipts of social responsible activities

COMPLIANCE REPORT

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., 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
कर्ते उप मुख्य विस्कोटक सेयन्ट्रक 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

COMPLIANCE REPORT

(धात्वीय) खनन परीक्षा बोर्ड
Board of (Metalliferous)
Mining Examinations
दस्तावेज़ सं०
No. of Document 1147

सूचा०नि० 1224
C. I. M. 1224

संग्रहण नमूने

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

श्री..... सुपुत्र.....
निवासी गांव..... थाना.....
जिला..... राज्य.....
जन्म तारीख..... ने धात्वीय 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 दूई परीक्षा पास कर ली है। इसे धात्वीय 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.....
(Nineteen Fifty Six)
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.....

He is hereby granted a MINE FOREMAN'S CERTIFICATE under the Metalliferous Mines Regulations, 1961.

Fitupto 22.5.2016 (5 Years)

विदेशक खान सुरक्षा
मुख्यपुर द्वैत

Chairman,
Board of Mining Examinations.

मेरा मानना है कि यह व्यक्ति अपनी परीक्षा की गई और उसे बहरेपन, सदोष दृष्टि या अन्य किसी ऐसी शारीरिक या मानसिक अवस्था 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..... John..... 3. On..... 4. On..... 4. On..... 5. On..... 5. On..... 6. On..... 6. On.....
Director of Mines Safety, Bellary

1. On..... 22.04.1998..... 19.05.2008..... 2. On..... 16.04.2003.....
3. On..... John..... 3. On..... 4. On..... 4. On..... 5. On..... 5. On..... 6. On.....
6. On.....
MGIP (KSR Unit)..... 2-20 DGMS/76-10-77-4250.

Mine foreman

COMPLIANCE REPORT

(धात्वीय) खनन परीक्षा बोर्ड
Board of (Metalliferous)
Mining Examinations
दस्तावेज़ सं०
No. of Document

3870

मुद्रानामि० 1229
G.I.M. 1229



खान अधिनियम, 1952
THE MINES ACT, 1952

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

(धात्वीय खान विनियम, 1961 के अन्तर्गत)
(Under Metalliferous Mines Regulations, 1961)

श्री सूची
निवासी गांव थाना
ज़िला राज्य
जन्म तारीख जै अपनी आयु, स्वस्थता, सदाचार, साक्षरता और अनुभव का
संतोषजनक प्रमाण दे दिया हूँ और तारीख को (खान)
मेरे हुई परीक्षा पास कर ली है इसे धात्वीय खान विनियम,
1961 के अन्तर्गत खनन मेट समर्थता प्रमाण-पत्र दिया जाता है।

Shri. Krishna Kurup G. (Name)
of Village. Adoor
District. Pathanam Thitta
born on. 23rd. May, 1956.
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.

Shri. Krishna Kurup G.
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 बहरेफन, सदोष 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. 94	ता० को	2. On	ता० को
3. On	ता० को	4. On	ता० को
5. On 26. 10. 94	ता० को	6. On	ता० को

Mines mate

COMPLIANCE REPORT

(प्रायुक्ति व्यवस्था) व्यवस्था परीक्षा बोर्ड
Board of (Metalliferous
Mining Examinations)

प्रतीक सं. No. of Document 3004

सी.आई.एम. 1234
C.I.M. 1234

तारीख 21 अगस्त 1952
THE MINES ACT, 1952

विस्तोटकर्ता पापर्वता प्रमाण-पत्र
BLASTER'S CERTIFICATE OF COMPETENCY

(प्रायुक्ति उत्पादक व्यावस्था, 1961 के अधीन)
(Under Metalliferous Mines Regulations, 1961)

श्री..... शुभ्र..... गांव.....
पाना..... जिला..... राज्य.....
को जिनकी जन्मतिथि..... है अपनी आयु, आरोग्यता, अच्छे आचरण, साक्षरता और
अनुभव के संबंध में संतोषजनक प्रमाण दे देते और में लारीबत
को हुई परीक्षा पास कर लेने पर धारु उत्पादक व्यावस्था, 1961 के अधीन विस्तोटकर्ता प्रमाण-पत्र दिया जाता है।

Shri..... P. KRISHNA KURUP G. (Name)
of Village..... ALKOR..... Thana..... VELLALI.....
District..... RATNAMUTHITTA..... State..... KERALA.....
born on..... 23RD MAY, 1956..... son of..... GOKUL, 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, 1986..... is
hereby granted a BLASTER'S CERTIFICATE under the Metalliferous Mines Regulations, 1961.

[Signature]
सचिव,
व्यवस्था परीक्षा बोर्ड
Secretary,
Board of Mining Examinations.
मात्र/Date: 01.09.1986.

[Signature]
चेन्नाम, व्यवस्था परीक्षा बोर्ड
Chairman,
Board of Mining Examinations.

Left hand thumb impression

बाएँ हाथ के अंगूठे का निशान
Left hand thumb impression

प्रमाणित किया जाता है कि उक्तीसी स्वास्थ्य परीक्षा कर ली गई है और वह बहुरोपन, मदोग दृष्टि या अन्य किसी ऐसी मानसिक अव्यवस्था क्षारिक
अव्यवस्था से मुक्त पाया गया है जो उसके कर्तव्यों को प्रभावी रूप से करने में वाप्रक 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..... 11.09.1986..... 2. On.....
3. On..... उमा शुभा शिवेश्वर..... 4. On.....
5. On..... Director of Mine Safety..... 6. On.....
MGIPCB-E-53-3D/2018/18/2018, 5-2-82-11,500.
saiyed/25th.

Blaster

M/s Nellikkunnu Granite & Crushers Pvt. Ltd

COMPLIANCE REPORT

Annexure No.6

Bill of PPE

COMPLIANCE REPORT

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 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

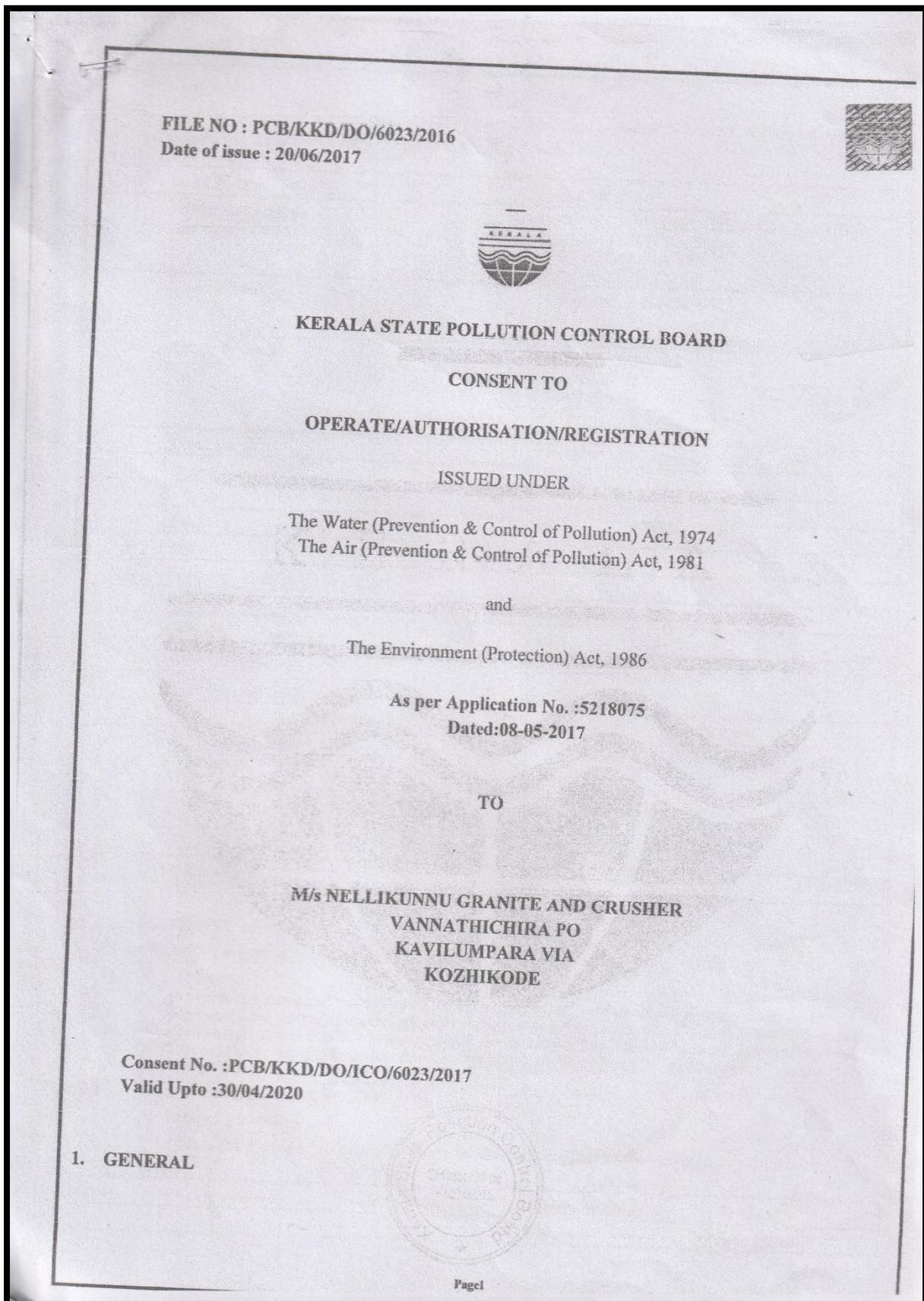
Sri. Hameed Cheruveri, Managing Director, M/s Nellikkunnu Granite & Crusher Pvt. Ltd., Vannathichira P.O., Kavilumpara Via, Vatakara Taluk, Kozhikode-673513 vide his application received on 13.08.2014, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. Nos.523/1 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

COMPLIANCE REPORT

Annexure No.8



M/s Nellikkunnu Granite & Crushers Pvt. Ltd

COMPLIANCE REPORT

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

1	VALIDITY	30/04/2020
2	Name and Address of the establishment	NELLIKUNNU GRANITE AND CRUSHER VANNATHICHIRA POST KAVILUMPARA VIA KOZHIKODE 673513
3	Communication	Telephone :0-8086004444 Fax :- E-mail:hameedc4444@gmail.com
4	Occupier Details	Sri.HAMEED CHERUVERI ADUKKATH KUTTIYADI KOZHIKODE-673508
5	Local Body	MATUTHONKARA PANCHAYATH
6	Survey Number	523/1
7	Village	MARUTHONKARA
8	Taluk	VADAKARA
9	District	KOZHIKODE
10	Capital Investment(Rs in Lakhs)	422
11	Scale	Small
12	Category	RED
13	Annual fee(Rs)	Rs.20000/-
	Total Fee remitted(Rs)	Rs.130000/-
14	RAW MATERIAL	PRODUCTS QUARRYING IN 6.4263 HECTARE
15	Total Power Required (HP)	Nil

2. CONDITIONS AS PER

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

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

2.2 Water consumption: 200 L/D

2.3 Effluent generation:

2.4 The characteristics of effluent after treatment shall conform to the following tolerance limits:

SI.NO.	Characteristics	Unit	Tolerance Limit	
			Sewage	Trade Effluent

COMPLIANCE REPORT

2.5 Mode of disposal of treated effluent:

3. CONDITIONS AS PER

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

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

Stack No.	Sources of Emission	Emission Rate(Nm ³ /Hr)	Stack Height above		Control Equipment
			Ground Level	Roof Level	

3.2 Emission characteristics shall not exceed the following:

SI.No.	Parameter	Limiting Standards (mg/Nm ³)

4. CONDITIONS AS PER

The Environment (Protection) Act, 1986.

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

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

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

4.3.1 Activities for which Authorisation is granted

Collection		transport	
Reception		Storage	
Treatment		Reprocessing/Disposal	

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

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

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

5. SPECIFIC CONDITIONS

COMPLIANCE REPORT

5.1. This consent is granted subject to the power of the Board to review and make variation in all or any of the conditions.

5.2. This consent shall be valid only if the unit is having a valid quarry permit.

5.3. No change or alteration of the unit is to be made without the prior permission of the Board. Any change in the particulars furnished in the references or in the identity of the occupier / authorised agent is to be intimated to the Board forthwith.

5.4. The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of Air, Water, Land and Sound pollution.

5.5. For continuing to operate beyond the validity date application for the renewal has to be submitted in the prescribed form between 3 and 4 months in advance of the date of expiry of this order.

5.6. Suitable species of trees and curtain plants shall be planted and maintained within and along the periphery of the premises, forming a green belt to improve the environment.

5.7. In case of discharge/apprehended discharge of any water/air pollutant or hazardous waste due to any accident or other unforeseen act or event, it shall be immediately intimated to the Board and the consent/authorise shall make all possible efforts to mitigate/ prevent/remediate the discharge.

5.8. Signboard showing the name of the establishment shall be displayed at the entrance of the site.

5.9. Location of the quarry shall be as shown in the drawing attached. No change or alteration to the above shall be made.

5.10. Quarrying operations shall be started only after obtaining the D&O license under the Kerala Panchayath Raj Act for the concerned Local Self Government Institutions and submitting a copy of the same to the District Office of the board.

5.11 Boundary of the quarry shall be fenced before operation of the quarrying activity

5.12. Water sprinklers shall be provided to suppress spreading of dust.

5.13. Raw materials and products shall be transported with proper cover and / or after wetting to prevent spreading of dust.

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

5.15. The PM_{2.5} in ambient air at the boundary shall not exceed 60 $\mu\text{g}/\text{m}^3$

5.16. The sound level (Leq) at 1 m outside the boundary of the site should not exceed the Ambient noise Standard applicable to the adjoining that area.

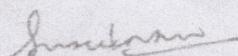
5.17. The consent issued is subject to the conditions specified in the clearances issued by the Mining and Geology Department and Explosive Department as per the provisions of the relevant statutes.

5.18. On expiring of the mining and geology permit, new permit shall be submitted, failing which this consent will become invalid automatically.

5.19. Integrated consent to operate issued vide order no PCB/KKD/DO/ICO-R1/2296/2015 dated 25.05.2015 , PCB/KKD/DO/ICO/6023/2016 dated 17.03.2016 are hereby cancelled.

DATE :20/06/2017

SIGNATURE & SEAL OF ISSUING AUTHORITY


SUSEELA NAIR, V.A.
ENVIRONMENTAL ENGINEER

OFFICE SEAL

To

HAMEED
CHERUVERI

Consent form PCB

COMPLIANCE REPORT



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.15000/-
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(Nm ³ /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

COMPLIANCE REPORT

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 particulate 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 Digitally signed by
SHEKHAR 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.

COMPLIANCE REPORT

Annexure No.9

	<p>भारत सरकार Government of India वाणिज्य और उद्योग मंत्रालय Ministry of Commerce & Industry पेट्रोलियम तथा विस्फोटक संस्थां संगठन (पेसो) Petroleum & Explosives Safety Organisation (PESO) पर्वत नाम-विस्फोटक विभाग Formerly, Department of Explosives A और D - विंग, ब्लॉक 1-8, दूसरा तल, शास्त्री भवन A & D - Wing, Block 1-8, 2nd Floor, Shastri Bhavan 26 हड्डोउरा रोड, नुंगाम्बाक्कम चेन्नै 26 Haddous Road, Nungambakkam Chennai 600006 फोन (Phone): 28281023 फैक्स (Fax): 28284848 ई-मेल Email: jtccechennai@explosives.gov.in</p>	
<p>संख्या (No.) E/SC/KL/22/1620(E71339) संदर्भ में 10.</p>		<p>दिनांक (Date): 22/01/20</p>
<p><i>Naheed Cheruveri, M/s. Nellikkunnu Granite & Crusher, Vannathichira P.O. Vadakara, Town/Village - Kuttuvad District-KOZHIKODE, State-Kerala, Pincode - 673508</i></p>		
<p>विषय : Survey No R.Sy.No.570, याम 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 अनुज्ञित स E/SC/KL/22/1620(E71339) के नवीनीकरण संदर्भ में।</p>		
<p>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</p>		
<p>महोदय Sir,</p>		
<p>आपका उपर्युक्त विषय पर पत्र संख्या NIL दिनांक 20/01/2018 का संदर्भ बहपा करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञित 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।</p>		
<p>अनुज्ञित के आगामी नवीनीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/2023 से पहले उप मुद्य विस्फोटक नियंत्रक कोच्ची को भेजें 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.</p>		
<ul style="list-style-type: none"> • प्ररूप आरड़-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन। Application in Form RE-1 duly filled in and signed. • एक से पांच वर्ष के अनुज्ञित शुल्क का बैंक ड्राफ्ट। बैंक ड्राफ्ट किसी भी राष्ट्रीयकृत बैंक के नाम आहरित, संयुक्त मुद्य विस्फोटक नियंत्रक, Chennai payable at Chennai. • अनुमोदित प्लान के साथ भूल अनुज्ञित। Original licence with approved plan. • कृपया इस संबंध में विस्फोटक नियम, 2008 के नियम 112 का भी संदर्भ बहपा करें। In this connection, please also refer to Rule 112 of Explosives Rules, 2008. • विस्फोटकों के क्रय हेतु आरड़-11 में मागपत्र (इंडिट) आमूलिकरण को दिया जाए और उसी की एक प्रति इस कार्यालय को भेजी जाएं (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 ब्रैमासीक विवरणी हर तिमाही के अंत में आरड़-7 में प्रस्तुत की जाए। विवरणी उप मुद्य विस्फोटक नियंत्रक कोच्ची 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. 		
<p>मरुदीय Your's faithfully</p>		
<p>(डा. अशोक कुमार यादव Dr. Ashok Kumar Yadav) संयुक्त मुद्य विस्फोटक नियंत्रक Joint Chief Controller of Explosives दक्षिणांचल, चेन्नै South Circle, Chennai</p>		
<p>प्रतिलिपि प्रेषित Copy Forwarded to: 1. जिला मजिस्ट्रेट (District Magistrate), KOZHIKODE (Kerala)- सूचना के लिए (for information.) संयुक्त मुद्य विस्फोटक नियंत्रक Joint Chief Controller of Explosives दक्षिणांचल, चेन्नै South Circle, Chennai</p>		
<p>(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)</p>		

COMPLIANCE REPORT

अनुज्ञात प्रक्र. एक. ई-३ | LICENCE FORM LE-3

(विस्फोटक नियम, 2008 की अनुसूची ४ के भाग १ के अनुच्छेद ३(क) से (घ) दर्शिए।)
(See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)

(ग) उपयोग के लिए एक समय पर वर्ग १,२,३,४,५ या वर्ग ७ के विस्फोटक या किसी मंगजीन में वर्ग ६ के विस्फोटक :

Licence to possess : (c) for use/explosives of class 1, 2,3,4,5,6 or 7 in a magazine
वार्षिक फीस रुपए (Annual Fee Rs.) 2400/-



1. Licence is hereby granted to

Hameed Cheruveri (अधिकारी / Occupier : Hameed Cheruveri), M.D., M/s. Nellikkunnu Granite & Crusher, Vannathmehra P.O. Vadakara, Town/Village - Kuttiyadi, District-KOZHIKODE, State-Kerala, Pincode - 673508 को अनुज्ञात अनुदाता की जाती है।

2. अनुज्ञाति अनुदात की प्राप्तियाँ | Status of licensee : Partnership Firm

3. अनुज्ञाति निम्नलिखित प्रयोजनों के लिए विद्युमान्य है।

Licence is valid only for the following purpose.

4. अनुज्ञाति विस्फोटकों के निम्नलिखित किसीने, प्रकार और मात्रा के लिए विद्युमान्य है।

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

क्र. सं.	नाम और विवरण	वर्ग और प्रकाश	उप-प्रकाश	मात्रा किलो एक समय में
St. 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 कंटेनर मात्रा में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद ३(ख)] और (ग) के अधीन अनुज्ञाति के लिए।

(ब) 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 अनुज्ञात 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)

6. अनुज्ञाति परिसर निम्नलिखित पते पर स्थित है। The licensed premises are situated at following address : दिनांक (Dated) 19/11/2013

Survey No. R.Sy.No.570, गाम (Town/Village) : Muruthonkara (v), Vatakara Tk

जिला (District) : KOZHIKODE राज्य (State) : केरल Kerala पुलिस थाना (Police Station) : Thottipalayam 673315
दूरध्वांश (Phone) : ई. मेल (E-Mail) : पिनकोड (Pincode) : फैक्स (Fax) :

7. अनुज्ञाति परिसर में निम्नलिखित भूमिधारे अंतर्विष्ट हैं।

The licensed premises consist of following facilities.

8. अनुज्ञाति समय - समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अंतिरिक्त शर्तों और निम्नलिखित उपावधारों के अधीन रहते हुए अनुदात की जाती है।

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

1. उपयोग करने से 5 में यथा कथित रेखाचित्र (स्थान, सञ्चालनाला संबंधी और अन्य विवरण दर्शित करते हुए)।

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

2. अनुज्ञाति प्राधिकारी द्वारा हस्ताक्षरित की शर्त और अंतिरिक्त शर्त।

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

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

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

यह अनुज्ञाति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट संस्करण VII के अधीन तथा उपवर्णित इस अनुज्ञाति की शर्तों का अधिकारण करने या यदि अनुज्ञात परिसर योजना या उससे संबंधित उपबंध में दोषीत विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहृत 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

संशुद्धता मुद्र्य 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 के प्रारंभन के लिए स्थान
Space for Endorsement of Renewal

नवीनीकरण की तारीख
Date of Renewal

समाप्ति की तारीख
Date of Expiry

22/01/2018

31/03/2023

अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प
Signature of licensing authority and stamp

Jt. Chief Controller of Explosives, South Circle, Chennai

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

M/s Nellikkunnu Granite & Crushers Pvt. Ltd

COMPLIANCE REPORT

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 Windmill or Solar panel for Power Generation		
Outside Safety Distances(OSD)		
13 Dwelling House		
14 Govt. and Public Building		
15 Temple, Mosque, Church or Gurudwara or other Places of Worships		
16 Shops, Market place, Public recreation and Sports Ground, College, School, Hospital, Theater, Cinema or other Building where the public are accustomed to assemble		
17 Factory		
18 Buildings or Works used for the Storage in Bulk of Petroleum, Spirit, gas, or other inflammable or hazardous substances		
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

COMPLIANCE REPORT



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 - चिंग, ब्लॉक 1-8, दूसरा तल, शास्त्री भवन | A & D - Wing, Block 1-8, 2nd Floor, Shastri Bhavan

26 हड्डुड़ुरा रोड, नूगंबाक्कम, चेन्नई | 26 Haddo Road, Nungambakkam Chennai 600006

फोन (Phone): - 28281023 | फैक्स (Fax): - 28284848

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

संख्या (No.) E/SC/KL/22/1620(E71339)

दिनांक (Date): 22/01/20

से भा मे I.o.

Jameed Cheruveri,

A.D., M/s. Nellikkunnu Granite & Crusher, Vannathichira P.O. Vadakara, Town/Village - Kuttiyadi

District-KOZHIKODE, State-Kerala, Pincode - 673508

विषय :

Survey No.R.Sy.No.570, ग्राम Muruthonkara (v), Vatakara Tk, ज़िला KOZHIKODE, राज्य Kerala में विस्फोटक के मैग्नीन में उपयोग मुख्य विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुमति सं E/SC/KL/22/1620(E71339) के नवीनीकरण संदर्भ में।

Possession for Use of Explosives from magazine situated at Survey No.:R.Sy.No.570,

Subject: 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 प्रस्तुत LE-3 में जारी अनुमति 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.

अनुमति के आगामी नवीनीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/2023 से पहले उप मुख्य विस्फोटक नियंत्रक कोच्ची को भेजें 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.

- प्रस्तुत आरड़-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन। Application in Form RE-1 duly filled in and signed.

- एक से पाँच वर्ष के अन्तर्गत शुल्क का बैंक ड्राफ्ट। बैंक ड्राफ्ट किसी भी राष्ट्रीयकृत बैंक के नाम आहरित, संयुक्त मुख्य विस्फोटक नियंत्रक, Chennai के पक्ष में चेन्नई में टेय हो।

licensure for one to five years in the form of demand draft drawn on any Nationalized Bank in favour of Dy. Chief Controller of Explosives, Chennai payable at Chennai.

- अनुमति ज्ञात के साथ भूल अवृज्जित। Original licence with approved plan.

- कृपया इन संबंध में विस्फोटक नियम, 2008 का नियम 112 का भी संदर्भ ग्रहण करें। In this connection, please also refer to Rule 112 of Explosives Rules, 2008.

- विस्फोटकों के क्रय हेतु आरड़-11 में मांगपत्र (इंडेट) आपूर्तिकर्ता को दिया जाए और उसी की एक प्रति इस कार्यालय को भेजी जाएं (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 ईमासीक विवरणी हर तिमाही के अंत में आरड़-7 में प्रस्तुत की जाएं। विवरणी उप मुख्य विस्फोटक नियंत्रक कोच्ची के कार्यालय में आगामी तिमाही के 10 तारीख से पहले पूँछ 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 सकाम 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.

अवटीय | 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 मैजिस्ट्रेट (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>)

Explosive license

COMPLIANCE REPORT

Annexure No.10

					
ലെസൻസ് നമ്പർ : A3-1634/2019-20 .. 2					
തീയതി : 01/04/2019					
Mruthomkara ഗ്രാമപ്പഞ്ചായത്തിൽനിന്നും 1994ലെ കേരള പഞ്ചായത്ത് രാജ് ആട്ടക്ക (1994ലെ 13) 232, 233, 234, 254 എന്നി വകുപ്പുകളും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിച്ച് ഫാക്ടറികൾ, വ്യാപാരങ്ങൾ, സംരംഭങ്ങൾ, മറ്റു സേവനങ്ങൾ എന്നിവയ്ക്കായി നൽകുന്ന ലെസൻസ്					
ലെസൻസിയുടെ പേരും മേൽപ്പിലാസവും	HAMEED CHERUVERI -MD NELLIKUNNU GRANITE AND CRUSHER -ADUKKATH P.O				
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	NELLIKUNNU GRANITE AND CRUSHER				
ലെസൻസ് നൽകിയിട്ടുള്ള (പ്രവർത്തനങ്ങൾ)	QUARI നടത്തുന്നതിന്				
കെട്ടിടത്തിന്റെ നമ്പറും വാർഷിക നമ്പറും	10 /				
ലെസൻസ് കാലാവധി	01-04-2019 മുതൽ 19-06-2019 വരെ 31-03-2020				
ബ്ലാക്കിയ ലെസൻസ് ഫീസ്	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> 5,000/- രൂപ </td> <td style="width: 50%; padding: 5px; text-align: right;"> സെക്രെട്ടറി Mruthomkara Grama Panchayath 118020104783 തുടർന്നും 2019 Ph: 2666948 (0496) </td> </tr> <tr> <td colspan="2" style="padding: 5px; text-align: center;"> തൊഴിൽക്കരം </td> </tr> </table>	5,000/- രൂപ	സെക്രെട്ടറി Mruthomkara Grama Panchayath 118020104783 തുടർന്നും 2019 Ph: 2666948 (0496)	തൊഴിൽക്കരം	
5,000/- രൂപ	സെക്രെട്ടറി Mruthomkara Grama Panchayath 118020104783 തുടർന്നും 2019 Ph: 2666948 (0496)				
തൊഴിൽക്കരം					
ലെസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷപ്പത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലാവധി, നൽകിയ അധികാരംഥാനം)	<ol style="list-style-type: none"> 1. മലിനീകരണനിയന്ത്രണ ബോർഡിൽനിന്നുള്ള അനുമതി ... PCB/KKD/DC/ECO/6023/2017 ... 20-06-2017 ജീലിക്കു കളക്ടറുടെ / ചീഫ് കൺട്രോളർ ഓഫ് എക്സ്പ്രസ്സിവിന്റെ അനുവാദപത്രം മെന്റിന്റെ & ജിയോളജി വകുപ്പിൽനിന്നുള്ള അനുമതി ബ്രേറ്റ് എൻവയേൺമെന്റ് ഇംപാക്ട് അസസ്മെന്റ് അതോറിറ്റിയുടെ അനുമതി പാറ പൊട്ടിക്കുന്ന ആളുടെ വൈദഗ്ധ്യം സംബന്ധിച്ച സാക്ഷ്യപത്രം 				
സെക്രെട്ടറി Mruthomkara ഗ്രാമപ്പഞ്ചായത്ത് Secretary Maruthomkara Grama Panchayath P.O. Maruthomkara, Pin: 673513 Ph: 2666948 (0496)					
					

License form Gram Panchayat

COMPLIANCE REPORT

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, Kuttadi (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, Kuttadi (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

*Yours faithfully,
07/09/2017*

DIRECTOR OF MINING & GEOLOGY (I/c)



*Yours
faithfully
07/09/2017*

COMPLIANCE REPORT

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, Bangalore 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.

2



COMPLIANCE REPORT

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, Kuttadi (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, Kuttadi (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, Kuttadi (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



COMPLIANCE REPORT

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 carry out 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, Kuttadi (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)
Jan 07/2018
07/09/2018

SENIOR SUPERINTENDENT



Copy of Lease

M/s Nellikkunnu Granite & Crushers Pvt. Ltd

COMPLIANCE REPORT

Annexure No.12

<p>0 സ്ത്രീ നാബര പിസ്റ്റിക്കുന്ന സലിയാർ.</p> <p>ബന്ധത്വവിൽ വിനിപ്പി ന രാജി. 2 വർത്തി പരിപാര ഭാവിപ്പില 96054 90662</p> <p>ഉദ്ധിച്ചാലു കുട്ടിപ്പി പ്രാ- 3028.</p> <p>N</p> <p>id Kingdom, lia, Newzealand oma/ Marriage/ Enrolment and</p>	<p>06-01-2016 നീരാക്കണ വിവ്രാഹം എന്ന് വിവ്രാഹം (ഒളി) സാക്ഷാത് വിവ്രാഹാരി കാരി അധകാരി</p> <p>PUBLIC NOTICE</p> <p>പൊതുജന ശ്രദ്ധയ്ക്ക് പൊതുജന ശ്രദ്ധയ്ക്കായി, കേരള സംസ്ഥാനം, കോഴിക്കോട് ജില്ല വടക്ക് താലുക്ക്, മരുതോകര വില്ലേജിലും. പഞ്ചായത്തിലും. പെട്ട സർ വേ നമ്പർ 523/1 Part, 571/1 Part & 567-ൽ പാറ വനനം. ചെങ്ങുന്തി നു വേണ്ട പരിസ്ഥിതികാനുമതി ലൈസിക്കുന്ന് ഗ്രാന്റ് & ക്രേശേഴ്സ് പ്രൈവറ്റ് ലിമിറ്റഡ് എന്ന സ്ഥാപനത്തിന് കേരള സംസ്ഥാന പരിസ്ഥി തി ഇംപാക്ട് അസ്സസ്മാൻസ് അതോറിറ്റിയിൽനിന്നും. 539/SEIAA/ EC4/3882/2014 തീയതി 15-12-2015 ഓർഡർ പ്രകാരം ലഭിച്ചിട്ടു നു. ഈ ഓർഡറിന്റെ പകർപ്പ് കേരള സംസ്ഥാന പരിസ്ഥിതി കാലാ വന്മ വ്യതിയാന വകുപ്പിൽ ലഭ്യമാണ്. www.seiaakerala.org എന്ന വെബ്സൈറ്റിൽകൂടിയും പകർപ്പ് കാണാവുന്നതാണ്.</p>	<p>0481 3236524, Branch Kochi: 80896 36324 www.singlesittingdegree.com</p> <p>ബാക്ക് പണയ കമ്മിഷനില്ലാതെ സം വിൽക്കാൻ സാധാരി കളിലെല്ലാം. എക്സാമി നൂച്ചാർഡ്, കോഴി 94477 92916, 99463 2233</p> <p>ബാക്ക് പണയ കമ്മിഷനില്ലാതെ സം വിൽക്കാൻ സാധാരി കളിലെല്ലാം. എക്സാമി നൂച്ചാർഡ്, കോഴി 94477 92916, 99463 2233</p> <p>ബാക്ക് പണയ കമ്മിഷനില്ലാതെ സം വിൽക്കാൻ സാധാരി കളിലെല്ലാം. എക്സാമി നൂച്ചാർഡ്, കോഴി 94477 92916, 99463 2233</p> <p>ബാക്ക് പണയ കമ്മിഷനില്ലാതെ സം ബാർക്കുവാൻ സാധാരി കളിലെല്ലാം. എക്സാ മിനൂച്ചാർഡ്, കോഴി 99471 11916, 90723 119</p> <p>ബാക്ക് പണയ കമ്മിഷനില്ലാതെ സം ബാർക്കുവാൻ സാധാരി കളിലെല്ലാം. എക്സാ മിനൂച്ചാർഡ്, കോഴി 99471 11916, 90723 119</p> <p>ബാക്ക് പണയ കമ്മിഷനില്ലാതെ സം ബാർക്കുവാൻ സാധാരി കളിലെല്ലാം. എക്സാ മിനൂച്ചാർഡ്, കോഴി 99471 11916, 90723 119</p> <p>ബാക്ക് പണയ കമ്മിഷനില്ലാതെ സം ബാർക്കുവാൻ സാധാരി കളിലെല്ലാം. എക്സാ മിനൂച്ചാർഡ്, കോഴി 99471 11916, 90723 119</p>
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Advertisement in News paper

COMPLIANCE REPORT

Annexure No.13

Maruthomkara Grama Panchayat		A1576454
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		
 ENVIRONMENT CERTIFICATE		
Subject		
Date of Delivery		
Section	A1	
Remarks :		
Counter No. & Staff :		29/12/2015 10:42:38AM
		Secretary

Acknowledgement received from Gram Panchayat

COMPLIANCE REPORT

Annexure No.14



TEST REPORT

Test Report No: TC540219000002574F

Date: 22.06.2019

Page 1 of 1

CUSTOMER DETAILS

Customer Details	Name & Address	M/s Nellikkunnu 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 17.06.2019	

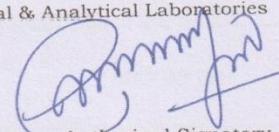
SAMPLE DETAILS

Source of Sample	Ambient Air	Sample Code	TC540219000002574F
Location of Monitoring	North -West Boundary	Sampled By	By Laboratory
Date of Monitoring	17.06.2019	Test Started On	19.06.2019
Sample Received On	19.06.2019	Test Completed On	20.06.2019
Humidity	69%	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	43.8	100
02	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix = L	µg/m ³	20.2	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
Standard's 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.

Standard's 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

Ambient air

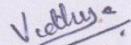
COMPLIANCE REPORT

Annexure No.15

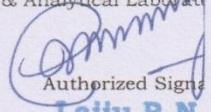
		 NABL(TC-5402)			
TEST REPORT					
Test Report No:TC540219000002576F	Date: 22.06.2019	Page 1 of 1			
CUSTOMER DETAILS					
Customer Details	Name & Address	M/s Nellikkunnu Granite & Crusher Pvt Ltd Vannathichira, Kavilumpara, Kozhikode District			
Location of Site	Survey No	523			
	Village	Maruthonkara			
	Panchayath	Vadakara			
	Taluk	Maruthonkara			
	District	Kozhikode			
	State	Kerala			
Customer Reference		Test Request Form dated 18.06.2019			
SAMPLE DETAILS					
Sample Code	TC540219000002576F	Sample Received On	19.06.2019		
Sample Name	Water	Sampling Procedure	---		
Sample Description	Bore Well	Sampling Location	South East Side		
Identification By Customer	---	Sample Condition	Good		
Sampled On	18.06.2019	Test Started On	19.06.2019		
Sampled By	Customer	Test Completed On	22.06.2019		
TEST RESULTS					
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 5:2018	---	Unobjectionable	Unobjectionable
03	Turbidity	IS 3025 Part 10:1984 RA 2017	NTU	0.90	1.00 (Max)
04	pH	IS 3025 Part 11:1983 RA 2017	---	6.92	6.50 – 8.50
05	Conductivity	IS 3025 Part 14:1984 RA 2019	µS/cm	302	---
06	Total Dissolved Solids	IS 3025 Part 14:1984 RA 2019	mg/L	189	500 (Max)
07	Total Hardness (as CaCO ₃)	IS 3025 Part 16:1984 RA 2017	mg/L	89.8	200 (Max)
08	Calcium (as Ca)	IS 3025 Part 21:2009 RA 2019	mg/L	26.1	75.0 (Max)
09	Magnesium (as Mg)	IS 3025 Part 40:1991 RA 2019	mg/L	5.96	30.0 (Max)
10	Chloride (as Cl)	IS 3025 Part 46:1994 RA 2019	mg/L	36.9	250 (Max)
11	Total Alkalinity (as CaCO ₃)	IS 3025 Part 32:1988 RA 2019	mg/L	78.0	200 (Max)
12	Iron (as Fe)	IS 3025 Part 23:1986 RA 2019	mg/L	0.38	1.00 (Max)
13	Sulphate (SO ₄)	IS 3025 Part 53:2003 RA 2019	mg/L	4.30	200 (Max)
14	Total Coliform Bacteria	IS 15185: 2016	----	Absent/100 ml	Absent
15	E coli	IS 15185: 2016	----	Absent/100 ml	Absent

End of Report

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


Authorized Signatory

Vidhyalakshmi Das
Microbiologist


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.

Standard's Environmental & Analytical Laboratories

Accreditation and Approval: NABL as per ISO 17025: 2005 & "A" Grade laboratory of KSPCB

V.I. Tower, Pathanamthitta, Kerala-689501, India. Tel: 0473 2422222, 0473 2422223, 0473 2422224, 0473 2422225, 0473 2422226, 0473 2422227, 0473 2422228, 0473 2422229, 0473 2422230, 0473 2422231, 0473 2422232, 0473 2422233, 0473 2422234, 0473 2422235, 0473 2422236, 0473 2422237, 0473 2422238, 0473 2422239, 0473 2422240, 0473 2422241, 0473 2422242, 0473 2422243, 0473 2422244, 0473 2422245, 0473 2422246, 0473 2422247, 0473 2422248, 0473 2422249, 0473 2422250, 0473 2422251, 0473 2422252, 0473 2422253, 0473 2422254, 0473 2422255, 0473 2422256, 0473 2422257, 0473 2422258, 0473 2422259, 0473 2422260, 0473 2422261, 0473 2422262, 0473 2422263, 0473 2422264, 0473 2422265, 0473 2422266, 0473 2422267, 0473 2422268, 0473 2422269, 0473 2422270, 0473 2422271, 0473 2422272, 0473 2422273, 0473 2422274, 0473 2422275, 0473 2422276, 0473 2422277, 0473 2422278, 0473 2422279, 0473 2422280, 0473 2422281, 0473 2422282, 0473 2422283, 0473 2422284, 0473 2422285, 0473 2422286, 0473 2422287, 0473 2422288, 0473 2422289, 0473 2422290, 0473 2422291, 0473 2422292, 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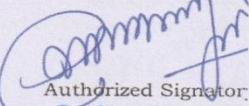
COMPLIANCE REPORT

Annexure No.16

		TEST REPORT	 NABL (TC-5402)
Test Report No: TC540219000002575F		Date: 22.06.2019	Page 1 of 1
CUSTOMER DETAILS			
Customer Details	Name & Address	M/s Nellikkunnu 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 17.06.2019		
SAMPLE DETAILS			
Source of sample	Ambient Sound Level		
Sample Code	TC540219000002575F		
Location of Monitoring	North -East Boundary		
Date of Monitoring	17.06.2019		
Method	IS 9989:1981 RA:2008		
DAYTIME	RESULT	NIGHTTIME	RESULT
06.00 Hrs	38.9 dB (A)	23.00 Hrs	38.4 dB (A)
07.00 Hrs	41.7 dB (A)	00.00 Hrs	38.1 dB (A)
08.00 Hrs	46.1 dB (A)	01.00 Hrs	38.8 dB (A)
09.00 Hrs	49.7 dB (A)	02.00 Hrs	38.4 dB (A)
10.00 Hrs	52.1 dB (A)	03.00 Hrs	39.2 dB (A)
11.00 Hrs	55.3 dB (A)	04.00 Hrs	38.1 dB (A)
12.00 Hrs	52.5 dB (A)	05.00 Hrs	39.9 dB (A)
13.00 Hrs	51.7 dB (A)		
14.00 Hrs	52.1 dB (A)		
15.00 Hrs	52.5 dB (A)		
16.00 Hrs	53.7 dB (A)		
17.00 Hrs	54.1 dB (A)		
18.00 Hrs	48.5 dB (A)		
19.00 Hrs	44.9 dB (A)		
20.00 Hrs	40.9 dB (A)		
21.00 Hrs	40.4 dB (A)		
22.00 Hrs	37.7 dB (A)		
RESULTS			
Noise Level (Leq) Daytime		50.6 dB (A)	
Noise Level (Leq) Nighttime		38.7 dB (A)	

End of Report

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


Authorized Signatory:
Laiju P. N.
Laboratory Head

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.

Standard's Environmental & Analytical Laboratories

Accreditation and Approval: NABL as per ISO 17025: 2005 & "A" Grade laboratory of KSPCB
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Ambient Sound