

# COMPLIANCE REPORT - III

October 2018 – March 2019

**M/s Ruby Stone Crusher**

**(Quarry Project)**

**Kozhikode District**

**Kerala**



PMP Estate, Engapuzha (Poolode), P.O. Chamel, Thamarassery, Kozhikode  
Kerala - 673 573, Mob:9446012919, Tel: 0495-3156001 - E-mail: rubystonecrusher@yahoo.com

Ref:

Date : .....

Dt. 27-07-2019

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

Ref :- File No. 10/DEIAA/KL/MIN/3970/2017

Sub :- Environment Clearance – Quarry project at Kattippara Village, Kattippara  
Panchayath, Thamarassery Taluk, Kozhikode District, Kerala – Compliance Report –  
Second Half - Reg.

Respected Sir,

The Quarry (Building stone) project was accorded Environmental Clearance for **4.1943 Ha.** by  
order No. **10/DEIAA/KL/MIN/3970/2017** dated 23.09.2017 by District Environmental Impact  
Assessment Authority, Kozhikode. 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 Ruby Stone Crusher

  
Mr. Abdulla Koya Thangal C.P.  
(Managing Partner)

Copy to:-

1. The Member Secretary  
State Environment Impact Assessment Authority (SEIAA),  
Thiruvananthapuram, Kerala.
2. DEIAA Kozhikode or RDO

Encl: - As Above

Manufacturers of : Granite Metals (40mm, 20mm, 12mm, 6mm) & M. Sand

**COMPLIANCE REPORT**

**TO**

**THE CONDITIONS**

**OF**

**ENVIRONMENTAL CLEARANCE ORDER**

**NO: 10/DEIAA/KL/MIN/3970/2017**

**DATED: 23.09.2017**

*BY*

**DISTRICT ENVIRONMENTAL IMPACT ASSESSMENT  
AUTHORITY (DEIAA) KOZHIKODE**

**FOR**

**BUILDING STONE QUARRY  
(MINOR MINERAL MINING) PROJECT**

*AT*

**RE SURVEY NO. 1 AT KATTIPARA VILLAGE, KATTIPARA  
PANCHAYATH, THAMARASSERY TALUK, KOZHIKODE DISTRICT,  
KERALA.**

*BY*

**M/S RUBY STONE CRUSHER  
KOZHIKODE DISTRICT  
KERALA**

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## **INTRODUCTION**

The quarry project of M/s Ruby Stone Crusher is situated at Survey No. 1 at Kattippara Village, Kattippara Panchayath, Thamarassery Taluk, Kozhikode District, Kerala.

The quarry project was accorded with the Environmental Clearance (EC) by District Environmental Impact Assessment Authority on 23-09-2017. As part of general condition No.37 of Environmental Clearance order, half yearly compliance report needs to be submitted by the project proponent. The compliance report of second half to the specific conditions and general conditions of the Environmental Clearance order for the period of **October 2018 – March 2019** is being submitted.

**COMPLIANCE REPORT**

**(SPECIFIC CONDITIONS)**

**PART A**

**PART - A – SPECIFIC CONDITIONS**

<b>01</b>	<b>Should be fenced all around.</b>	<b>Complied</b>
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**Compliance:**

As part of demarcation and enhance safety, the project proponent 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. Same is attached as **Plate No. 1**

<b>02</b>	<b>The limited patch of natural vegetation seen adjacent to the proposed lease area should be preserved as such.</b>	<b>Noted</b>
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**Compliance:**

The proponent will preserve the limited patch of natural vegetation seen adjacent to the proposed lease area. This will enhance the bio diversity in the project site.

<b>03</b>	<b>The entire quarry should be provided with catch water drain. The storm water from the upper slopes to be channelized into the drain and clarified before it is let out.</b>	<b>Being Complied</b>
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**Compliance:**

In order to collect the storm water from the upper slopes the project is constructing catch water drain in the project site. The storm water from the upper slopes will be channelized and clarified before it is let out.

<b>04</b>	<b>A RWH structure should be created for the storage of rain water.</b>	<b>Complied</b>
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**Compliance:**

Rain Water Harvesting ponds are important structure in the mining area. To utilize the rain water, this Rain Water Harvesting (RWH) structure is properly maintaining in the area.

**COMPLIANCE REPORT**

**(GENERAL CONDITIONS)**

**PART B**

**PART – B – GENERAL CONDITIONS**

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

To collect rain water from the entire project land, the proponent has developed one rain water harvesting pond in the quarrying area. The pond is developed from mined quarry pit. The surface runoff is canalized to the pond through garland drains. The water from pond is mainly used for crusher work, watering of plants, wetting of roads and sprinkler system for contain dust emission.

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

The Environmental Monitoring Cell (EMC) will be formed with Mr. Abdulla Koya Thangal C.P as head of the monitoring cell. The EMC meeting will convene regularly to evaluate and monitor quarrying work in connection with the specific and general conditions stipulated in the Environmental Clearance (EC) order.

<b>03</b>	<b>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.</b>	<b>Being complied</b>
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**Compliance:**

As part of eco restoration and to prevent dust emission during transportation of materials, suitable avenue trees were planting along the road side and parking area. There are natural vegetation including trees, shrubs, herbs and climbers present either side of tarred road and in the parking areas. This will help to reduce air and sound pollution.

<b>04</b>	<b>Sprinklers shall be installed and used in the project site to contain dust emissions.</b>	<b>complied</b>
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**Compliance:**

The project splashes the haulage road and critical areas with the help of vehicles in regular intervals to arrest dust emissions from the road while transportation of materials. The sprinklers installed in the project site. The sprinklers installed in and around the crusher unit.

<b>05</b>	<b>Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.</b>	<b>Noted</b>
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**Compliance:**

As part of eco restoration, the project started to plant various saplings within the project area. The mine closure plan will be done at own cost of project proponent as agreed in the proposal.

<b>06</b>	<b>At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with indigenous plant species that are eco-friendly, if no other specific condition on reclamation of pit is stipulated in the EC.</b>	<b>Will be complied</b>
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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.

<b>07</b>	<b>Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.</b>	<b>complied</b>
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**Compliance:**

The activities under Corporate Social Responsibility (CSR) activities are executed in the sectors of Health and education. The project proponent is intending to carry out more activities under CSR for inclusive growth in the community. The project proponent is intending to carry out more activities under CSR for inclusive growth in the community. The vouchers of the CSR activity are provided at **Annexure No.1**. The details of CSR provided in the period of second half is mentioned in the **Table No.1**

**Table No.1 – Detail of performed activities under CSR**

<b>Sectors</b>	<b>Activities</b>	<b>Beneficiaries</b>	<b>Amount spent in Rs.</b>
<b>Education</b>	Donation	Eduworld	3000
	Donation	Al Furqan Islamic Center	1000
	Donation	Govt. L P Schol Chamal	3500
	Donation	Darul Hasanath Islamic Academy Cheruvadi	2000
<b>Infrastructure development</b>	Support for construction	Vijeesh Vendekum Chal	3375
	Support for construction	Vijeesh Vendekum Chal	2250
	Support for construction	Saleem Varikuzhithayam	3000
	Support for construction	Madrassa Chiyode Madrassa	3000
	Support for construction	Janapaksham	3000
	Support for construction	Ravi	4500
	Support for construction	Jafar Vendekumchal	4500
	Support for construction	Thomas PV	9900
	Support for construction	Fathima Kottarakoth	4400
	Support for construction	Kochumon	3375
	Support for construction	Nasar Ambayathode	6750

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	Support for construction	Lenin	4500
	Support for construction	Shameer	1500
	Support for construction	Lenin	2250
	Support for construction	Basheer Appurathu Poil	2500
	Support for construction	Aictu	1000
	Support for construction	Lenin	5000
	Support for construction	Bjb	3000
	Support for construction	Fathima Vendekum Chal	2750
	Support for construction	Murugan	4500
	Support for construction	Murugan	3000
	Support for construction	Raman	4000
	Support for construction	Venakkavu	20000
	Support for construction	Chamal Kalyanam	1000
	Support for construction	Appurath Piol Nabi Dhinam	2000
	Support for construction	Thomas Pv	11000
	Support for construction	Shameer	2550
	Support for construction	Suresh Venakkav	3000
	Support for construction	Chundan Kuzhi Madrasa	4500
	Support for construction	Baithu Rahma	4500
	Support for construction	Kcn	6250
	Support for construction	Cpm Party Office	7500
	Support for construction		7500
	Support for construction	Vijayan Vendekumchalil	1600
	Support for construction	Kolani Road Work Chamal	2700
	Support for construction	Poolode Musjid	4500
	Support for construction	Poolode Musjid	6000
	Support for construction	Saleem Puttan Prakkal	3200

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	Support for construction	Saleem Puttan Prakkal	2400
	Support for construction	Chamal Ambalam	3000
	Support for construction	Azeez Opp	5000
	Support for construction	Thomas Pv	8000
	Support for construction	Koya Nerookum Chalil	1600
	Support for construction	Koya Nerookum Chalil	1500
	Support for construction	Vendekumchalil Wedding	2000
	Support for construction	Azeez Kpp	5000
	Support for construction	Suku Nair	400
	Support for construction		900
	Support for construction	Prakashan C/O	5000
	Support for construction	Velat Ahmed	5000
	Support for construction	Saleem Chamal	4000
	Support for construction	Ussain Kutty Vendekum Chal	1600
	Support for construction	Kseb	2500
	Support for construction	Kseb	1200
	Support for construction	Adivaram Palli	4000
	Support for construction	Narookum Chal Colany	5000
	Support for construction	Kakkavayal Palli	5000
	Support for construction	Korangad Palli	4500
	Support for construction	Ibrahim Appurath Poil	2000
	Support for construction	Devan	1000
	Support for construction		1650
	Support for construction	Koduvally Masjid	7600
	Support for construction	Shareef	2500
	Support for construction	Appurath Pil Ibrahim	8000
	Support for construction	Faisal	1000
	Support for construction	Ibrahim Appurath Pil	4500
	Support for construction	Thamarassery Masjid	12000

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	Support for construction	Koduvally Masjid	6250
	Support for construction	Sreeni Kalan Moola	7500
	Support for construction	Kalandhan	8000
	Support for construction	Kalandhan	9000
	Support for construction	Choyiyod Musliyar	3000
	Support for construction	Kareet Param Collage	4500
	Support for construction	Ramla Vendekum Chal	2500
	Support for construction	Manoj Vedekum Chal	3400
	Support for construction	Kalyanam	5000
<b>Sports, Arts &amp; Festival</b>	Donation	Karinkulam Sree Anna Poorneswari Devi Kshethram	1000
	Donation	Chammal Ayyapan Vilakku Maholsavam	5000
	Donation	Volleyball Mela	100
	Donation	Football Tournament	1000
	Donation	Karuvankavu Sree Ayyapan Kshethram	1000
	Donation	Venakkavu Sree Bhadrakkali Kshethram	1600
	Donation	Kokkamverummel Sree Mahadevi Kshethram	3000
	Donation	Chamma; Sree Bhagavathi Kshethra Maholsavam	25000
	Donation		
	Donation	Karuvanpoyyil Sree Bhagavathi Kshethram	1000
	Donation	Mayyiladumppara Sree Bhagavathi Kshethram	1000

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	Donation	Sree Kuttichathan Kavu	1000
	Donation	Chamal Chunankuzhi Sree Kuttichathan Kavil	20000
	Donation	Annaparapoyyil Bhagavathikavu	1500
<b>General</b>	Donation	Naseer Kudumba Sahaya Committe	1000
<b>Social</b>	Donation	Hindu Parliament	1000
	Donation	Kerala Valluvan Samudhaya Sangam	1000
	Donation	Cmp Party Congress	500
	Donation	Yuvamorcha	2000
	Donation	Cpi M	12000
	Donation	Sfi Thamaresry Sammelanam	600
	Donation	Forward Block Samsthana Sammelanam	750
	Donation	Cpi	10000
	Donation	M K Charitable Trust	250
	Donation	Snehathanal Charitable Trust	500
	Donation	Dyfi	4000
	Donation	Ksktu	5000
	Donation	Indian National Congress (I)	10000
	Donation	Ljd	1500
	Donation	Kozhikode Vanuitha Kshema Vikasasna & Charitable Society	1000

	Donation	National Delith Federation	500
	Donation	Sfi	1000
	Donation	Udf Therencheduppu Paravartha Fund	10000
	Donation	Trade Union Coordination Center	500
<b>Total</b>			<b>461650</b>

<b>08</b>	<b>The lease area shall be fenced off with barbed wires to a maximum height of 4ft around, before starting of mining. All the boundary indicators (boards, stores, markings etc) shall be protected at all times and shall be conspicuous.</b>	<b>Complied</b>
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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. The photograph of barbed metal wire fencing is provided in **Plate No.4**.

<b>09</b>	<b>Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.</b>	<b>Complied</b>
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**Compliance:**

As per the stipulation of Explosive department, the project has installed warning alarms in the quarry site. This warning alarm is properly working prior to the blasting time.

<b>10</b>	<b>Control measures on noise and vibration prescribed by KSPCB should be implemented.</b>	<b>complied</b>
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**Compliance:**

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

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

**Blast vibrations and control measures**

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

<b>11</b>	<b>Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.</b>	<b>Complied</b>
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**Compliance:**

Quarrying activities are limited to day time only as per KSPCB guidelines. The Quarrying time is from 7 am - 2 pm. This will help to limit the sound pollution

<b>12</b>	<b>Blasting should be done in a controlled manner as specified by the regulations of explosives department or any other concerned agency.</b>	<b>complied</b>
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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. The blasting time is 2 pm to 3 pm.

13	<b>A licensed person should supervise/control the blasting operations.</b>	<b>complied</b>
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**Compliance:**

The project has appointed Mines manager, foreman and mining mates in the site to supervise/control exploitation of minor minerals including blasting at the project site. The certificate of Foreman is attached as **Annexure No.12**.

14	<b>Overburden materials should be managed within the site and used for reclamation of mine pits as per mine closure plan/specific conditions.</b>	<b>complied</b>
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**Compliance:**

The overburden and topsoil need to extract during the time of mining, these natural resources are being staked in the project site. 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 for plantation, haulage roads and land filling in the mining area. No overburden will let out from the project site.

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

The quarrying activity in the project is progressing by creating benches of 5m width and 5m height. **Plate No.2** showing the work progressing in the quarry area.

16	<b>Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.</b>	<b>Noted</b>
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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.

17	<b>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.</b>	<b>complied</b>
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**Compliance:**

The project proponent has regularly maintains the machineries of crushing the building stones. To reduce sound amplification, the machines of crusher unit is housed with solid bricks. A green belt is also developed around the unit to reduce noise and air pollution. This helps the noise and sound level is kept within the prescribed standards. The labours in the unit are wearing ear plugs to reduce the impact of noise generating from the machines.

18	<b>The workers on the site should be provided with the required protective equipments such as ear muffs, helmet, etc.</b>	<b>Complied</b>
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**Compliance:**

The project proponent provided adequate Personnel Protective Equipments (PPE) such as helmets, ear muffs, safety belts, gloves, etc. to labours in the quarry site to ensure the safety of workers in working site,.

19	<b>Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.</b>	<b>Being Complied</b>
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**Compliance:**

The project has constructed drains in the lower slopes of the project area for storm water management. The storm water canalized to the Rain water harvesting pond the sediments will settle down in the bottom of the pond the over flow from the pond is directed to pond constructed at the lower side of at the project site.

20	<b>The transportation of minerals should be done in covered trucks to contain dust emissions.</b>	<b>complied</b>
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**Compliance:**

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

21	<b>The proponent should plant trees at least 5 times of the loss that has occurred while clearing the land for the project.</b>	<b>Being complied</b>
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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.

22	<b>Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.</b>	<b>Will be complied</b>
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**Compliance:**

The spend oil will be sold only to the approved recyclers, some time it is using as lubricant in the project site.

23	<b>Explosives should be stored in magazines in isolated place specified and approved by the explosives department.</b>	<b>Complied</b>
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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 photograph of magazine housed in solid bricks is attached as **Plate No 3**.

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

The norms of Kerala State Pollution Control Board regarding the distance criteria of residences, roads, rivers and worship places is adhered by the project. The distance of the nearest house is above 155 meter form the quarry, the KSPCB condition is 100 meter.

25	100 m buffer distance should be maintained from forest boundaries.	Noted
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**Compliance:**

There is no forest near to the project site.

26	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 2**.

27	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:**

All statutory clearances, approvals, licenses are obtained from concerned authorities. All conditions stipulated in such approvals are strictly followed. The obtained approvals are mentioned in **Table No.2**. The certificates obtained from concerned statutory authorities are enclosed in **Annexure No. 2, 3, 4, 5 & 6**. The details are given below

**TABLE 2 – APPROVALS FROM COMPETENT AUTHORITIES**

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

<b>28</b>	<b>In the case of any change(s) in the scope of the project, extent quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which only the EC is issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority.</b>	<b>Will be complied</b>
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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.

<b>29</b>	<b>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</b>	<b>Noted</b>
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	<b>provisions of the Environmental (Protection) Act 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.</b>	
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**Compliance:**

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

<b>30</b>	<b>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.</b>	<b>Noted</b>
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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,2000**
6. **Hazardous and Other Wastes (Management and handling) Rules, 1989.**
7. **EIA notification, 2006**
8. **The Kerala Minor Mineral Concession Rules 2015**

<b>31</b>	<b>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</b>	<b>Complied</b>
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	<p><b>Environmental Clearance and copies of clearance letters are available with the District Environment impact Assessment Authority (DEIAA) office Kozhikode and may also be seen on the website of the Authority at <a href="http://www.environmentclearance.nic.in">www.environmentclearance.nic.in</a>. 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.</b></p>	
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**Compliance:**

An advertisement in two local daily newspapers (English and Malayalam) regarding Environmental Clearance accorded to the quarry project was given within the stipulated period and the copy of the same was submitted at DEIAA Kerala. The copy of the advertisement given in two local newspapers is provided at **Annexure No. 7**. The details are given below in the table.

**Table No. 3 Details of advertisement in news paper**

Sl. No	News paper	Language	Date of edition
01	Madhyamam	Malayalam	17-Oct-2017
02	The Hindu	English	17-Oct-2017

<b>32</b>	<p><b>A copy of the clearance letter shall be sent by the proponent to concerned GramaPanchayat /District Panchayat / Municipality / Corporation / Urban Local Body and also to the Local NGO, if any from whom suggestions / representations, if any were received while processing the proposal. The Environmental Clearance shall also be put on the website of the company by the proponent.</b></p>	<b>Complied</b>
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**Compliance:**

A copy of the Environment Clearance letter was submitted to the Panchayat Office. The project proponent did not receive any suggestions / representation from

anywhere while the processing the proposal therefore did not give the copy of clearance letter to anyone. The acknowledgement received from the Panchayat office is attached in **Annexure No. 8**.

33	The proponent shall submit half yearly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective State Environment Impact Assessment Authority (SEIAA) office and also to the District Environment Impact Assessment Authority (DEIAA) office.	complied
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**Compliance:**

The compliance report is being submitted to the State Environmental Impact assessment Authority (SEIAA), Kerala and the District Environmental Impact assessment Authority (DEIAA) office, both in hard copy as well as mail. The monitored data of Air, Water and Noise is attached as **Annexure No. 9, 10 & 11**

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

The detail of the Environmental Clearance is prominently displayed in a metallic board with the specific conditions as per specifications mentioned in the condition was installed. The Photograph is attached as **Plate No. 4**.

35	<b>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.</b>	<b>Complied</b>
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**Compliance:**

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

36	<b>No change in mining technology and scope of working should be made without prior approval of the DEIAA, No further expansion or modification in the mine shall be carried out without prior approval of the DEIAA, as applicable.</b>	<b>Noted</b>
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**Compliance:**

The project proponent is not intending to expand the area of mine, technology and scope of working. The project will appear in front of DEIAA for Environment Clearance if the project wants to expand its scope.

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

The project proponent will take all necessary safeguards to prevent contamination of stream as well as ground water. The project proponent will install additional clarifiers in the project site to prevent sediments and wastes from quarry site to enter in to the main stream. There is no stream originating from the mining area.

38	<b>Monitoring of Ambient air Quality to be carried out based on the notification 2009, as amended from time to time by the Central</b>	<b>Noted</b>
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	<b>Pollution Control Board. Water sprinkling should be increased at places loading and unloading points &amp; transfer point to reduce fugitive emissions.</b>	
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**Compliance:**

The project proponent has monitoring the ambient air quality as per National Ambient Air quality Standard (NAAQS). The project is intending to increase the splashing of water and installed sprinklers at loading, unloading and transfer points. This activity can reduce the fugitive emission.

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

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

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

The project proponent is being constructing effective garland drains to catch all the storm water during the time of monsoon season. These channels will direct the water to the rain water collection pond. All sediments and silts will settle at the bottom of the pond and only cleared water is letting out.

41	<b>Effective safeguard measures such as regular water sprinkling shall be carries out in critical areas prone to air pollution and having high levels of PM<sub>10</sub> and PM<sub>2.5</sub>, such as haul road, loading an un loading points and transfer points – it shall be ensured that the Ambient Air Quality Parameters confirm to the norm prescribed by the Central Pollution Control Board in this regard.</b>	<b>Being complied</b>
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**Compliance:**

The project proponent is regularly checking the pollution of all vehicles in the site and spraying water in critical areas prone to air pollution with the help of vehicle. The project proponent will fix sprinklers in critical area to reduce the dust emission such as loading and unloading points, haul roads and transfer points. The ambient air quality is monitoring with the help of an approved laboratory.

42	<b>Fugitive dust emission from all the sources should be controlled regularly. Water spraying arrangements on haul roads, loading and unloading and at transfer point should be provided and properly maintained.</b>	<b>complied</b>
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**Compliance:**

To prevent dust emissions, the project proponent installed sprinklers in critical area (near to Crusher unit) to reduce the dust emission such as loading and unloading points, haul roads and transfer points. The water spraying has been carried out regularly to arrest the dust emission. The sprinklers and vehicle for water spraying will be properly maintained.

43	<b>Measures should be taken for control of noise levels below 85 dBA in the work environment.</b>	<b>complied</b>
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**Compliance:**

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

44	<b>A separate Environmental Management Cell with suitable qualified personal should be set up under the control of a senior executive, who will report directly to the Head of the Organization.</b>	<b>complied</b>
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**Compliance:**

To monitor all conditions stipulated in the Environment Clearance and environment Management Plan, the project proponent constitutes an Environment Monitoring Cell with Mr. Abdulla Koya Thangal C.P as the head of the Cell.

45	<b>The funds earmarked for environmental protection measures and CSR activities should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the District Environment Impact assessment authority Kozhikode (DEIAA) office.</b>	<b>Being Complied</b>
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**Compliance:**

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

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

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

47	<b>Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green tribunal Act, 2010.</b>	<b>Noted</b>
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48	<b>Concealing the factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.</b>	<b>Noted</b>
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49	<b>The SEIAA may revoke or suspend the order, for non implementation of any of the specific or this implementation of</b>	<b>Noted</b>
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	<b>any of any of the above conditions is not satisfactory. The DEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.</b>	
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**Compliance:**

The project proponent is willing to implement the conditions stipulated in the Environment Clearance order. The project can execute all possible measures in the project site for the conservation of environment.

<b>50</b>	<b>The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.</b>	<b>Noted</b>
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**Compliance:**

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

<b>51</b>	<b>This order is valid for a period of 5 years or the expiry date of mine lease period issued by the Govt. of Kerala, whichever is earlier.</b>	<b>Noted</b>
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<b>52</b>	<b>The environmental clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.</b>	<b>Noted</b>
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<b>53</b>	<b>The mining operation shall be restricted to above ground water table and it should not intersect ground water table.</b>	<b>Noted</b>
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**Compliance:**

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

54	<b>All vehicle used for transportation and within the mine shall have “PUC” certificate from authorized pollution testing center. Washing of all vehicles shall be inside the lease area.</b>	<b>complied</b>
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**Compliance:**

As part of reduce air pollution, the project proponent is monitoring the pollution level of all vehicles playing in the project site. This monitoring conducts only in authorized pollution testing center.

55	<b>Project proponent should obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and ground water for the project.</b>	<b>Noted</b>
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**Compliance:**

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

56	<b>Regular monitoring of flow rates and water quality upstream and down streams of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly reports to DEIAA.</b>	<b>Noted</b>
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**Compliance:**

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

57	<b>Occupational health surveillance program of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.</b>	<b>Will be complied</b>
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**Compliance:**

The project proponent will start an occupational health surveillance program for the labours working in mining area in association with Primary Health center.

58	<b>The environmental clearance liable to be cancelled if the said land is found in porambokku, surplus land, etc.</b>	<b>Noted</b>
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**Compliance:**

The instant quarry project is operating in private owned land. No porambokku, surplus land, etc. included in the mining area.

# PLATES

Plate No. 1



Photograph of Fencing around lease area

Plate No. 2



Photograph of Mining Activity

Plate No. 3



Photograph of Magazine

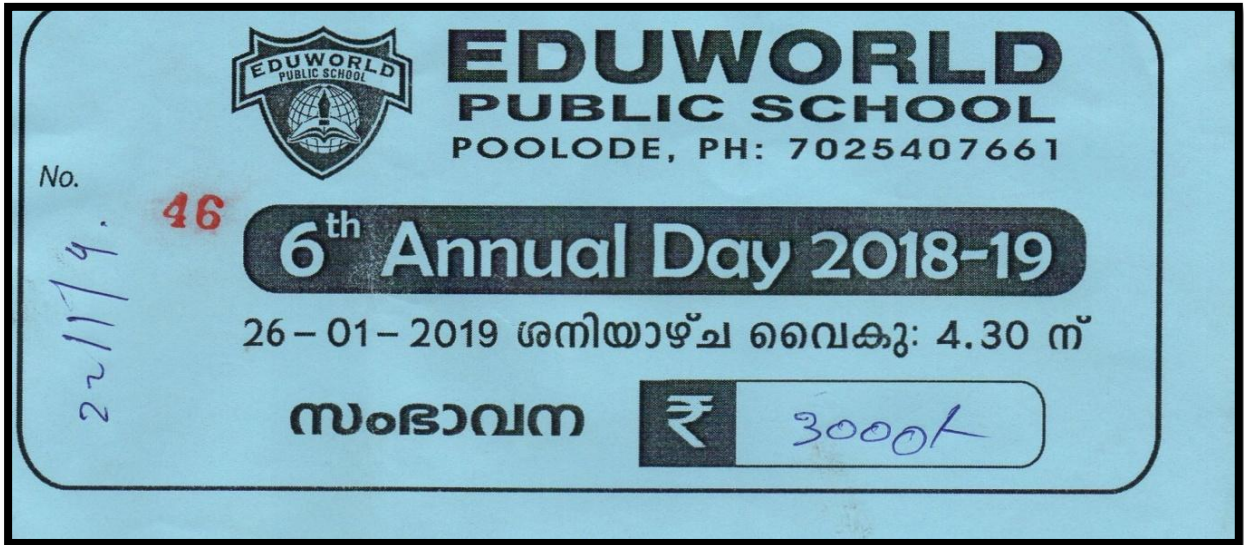
Plate No. 4



Photograph of EC Board

# ANNEXURE

Annexure No.1



**ചമൽ കാരപ്പറ മാളശ്ശേരി ശ്രീ ഭഗവതി ക്ഷേത്ര മഹോത്സവം-2019**  
ഫെബ്രുവരി 6 മുതൽ 15 വരെ (മകരം 23 മുതൽ കുറുങ്ങ് 3)

നമ്പർ: **228** തീയതി: **31-1-2019**

ശ്രീ/ശ്രീമതി **മുക്തി തിരുവേല**  
പക്കൽ നിന്നും **29 തിരുവേലി** രൂപ  
നന്ദിപുർവ്വം കിട്ടിബോധിച്ചു.

**₹ 25000/-** ഉത്സവ കമ്മിറ്റി

**ചമൽ ഗ്രാമത്തിൽ അയ്യപ്പൻ വിളക്ക് മഹോത്സവം**  
1194 വൃശ്ചികം 29 (2018 ഡിസംബർ 15) ശനിയാഴ്ച

നമ്പർ: **55** തീയതി: **12/12/18**

ശ്രീ/ശ്രീമതി **Ruby Crushers' poolal**  
പക്കൽ നിന്നും സംഭാവനയായി  
രൂപ നന്ദിപുർവ്വം കിട്ടിബോധിച്ചു.

**₹ 5000/-** ക്ഷേത്രകമ്മിറ്റി

**مرکز الفرقان الإسلامي**  
**അൽഫുർഖാൻ ഇസ്ലാമിക് സെന്റർ**  
**AL FURQAN ISLAMIC CENTRE**  
Vattimmal, Odungakad, Puthuppady-673586,  
Kozhikode Dt., Kerala

No. **1759** Date: **20/3/19**

Received with thanks from **Ruby**  
sum of Rupees **10000/-**  
by Cash/Cheque/DD No. \_\_\_\_\_ Dated \_\_\_\_\_ Being \_\_\_\_\_

**₹ 10000/-**

**AL FURQAN ISLAMIC CENTRE**  
Puthuppady, Kozhikode Dt., Kerala  
673586

CSR activities

Annexure No.2



**KERALA STATE POLLUTION CONTROL BOARD**

FILE NO. :PCB/KKD/DO/746/2008

Date of issue :2018-09-07

**CONSENT VARIATION ORDER**

Consent No : PCB/KKD/DO/ICO-VAR /746/2018

Ref : 1. Your online application no 8718801 dated 07.09.2018

2.Consent variation no .PCB/KKD/DO/ICO/746/2018 dated 06.09.2018 valid up to 31.03.2023

The ' Integrated Consent to Operate' issued as per reference above to M/s RUBY STONE CRUSHER, PMP ESTATE POOLODE, CHAMAL PO, THAMARASSERY is hereby modified & issued to M/s RUBY STONE CRUSHER, PMP ESTATE POOLODE, CHAMAL PO, THAMARASSERY The consent(s)/ variation order(s) cited under reference are integral part of this consent variation order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

**I. GENERAL**

S.No.	Items	Description
1	TOTAL MACHINERY	500 HP[PRIMARY CRUSHER 50 HP,CONE CRUSHER 200 HPSECONDARY CRUSHER 30 HP,PRIMARY CRUSHER 75 HP,SECONDARY CRUSHER 50 HP, MSAND 40 HP, ACCESSORIES 55 HP

**II. CONDITIONS**

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

DATE :07/09/2018

**SHABNA KUSHE SHEKHAR**  
Digitally signed by SHABNA KUSHE SHEKHAR  
Date: 2018.09.11 11:32:36 +05'30'

SIGNATURE & SEAL OF ISSUING AUTHORITY  
ENVIRONMENTAL ENGINEER  
DISTRICT OFFICE KOZHIKODE



**To**  
SRI.ABDULLAKOYA THANGAL C.P.  
MANAGING PARTNER  
RUBY STONE CRUSHER  
PMP ESTATE  
CHAMAL P.O.  
THAMARASSERY-673573

**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](http://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.

**Annexure No.3**

Validity expires on 23.09.2022

**Proceedings of the District Environment Impact Assessment Authority Kozhikode**

Present : Sri.U.V.Jose. IAS, District collector & Chairman DEIAA, Smt Shamin Sebastian RDO and Member Secretary DEIAA, Sri Sunil Kumar DFO & Member Sri Sathyanathan. Member

Sub : DEIAA-Environmental clearance for the quarry project in Re Sy. No. 1 at Kattippara Village Kattippara Panchayath, Thamarassery Taluk Kozhikode District, Kerala Mr. Abdulla Koya Thangal C.P., Managing Partner, M/s Ruby Stone Crusher, PMP Estate, Chamal Post, Thamarassery, Kozhikode District, Kerala-673573 - E C Granted - Orders issued.

Ref : 1. Application dated 10.01.2017 from Sri. Mr. Abdulla Koya Thangal C.P., Managing Partner, M/s RUBY STONE CRUSHER, PMP Estate, Chamal Post, Thamarassery, Kozhikode District, Kerala-673573.  
2. Minutes of the 4th<sup>1</sup> meeting of DEAC held on 12/05/2017  
3. Minutes of the 5<sup>th</sup> meeting of DEAC held on 09/06/2017  
4. Minutes of the 3<sup>rd</sup> meeting of DEIAA held on 03/08/2017

District Environment Impact Assessment Authority, Kozhikode

No. 10/ DEIAA /KL/MIN/3970/2017.

Dated, Kozhikode: 23.09.2017

**ENVIRONMENTAL CLEARANCE NO 10./2017**

Mr. Abdulla Koya Thangal C.P., Managing Partner, M/s Ruby Stone Crusher, PMP Estate, Chamal Post, Thamarassery, Kozhikode District, Kerala-673573 vide his application received on 10.01.2017, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Re Survey No. 1 at Kattippara Village Kattippara Panchayath, Thamarassery Taluk, Kozhikode District, Kerala for an area of 4.1943 hectares. The project comes under Category B2, Activity 1(1), (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-11(M) dated 18<sup>th</sup> 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 5 hectares.

The proposed project site falls within Latitude 11°28'11.44"N to 11°28'20.09"N and Longitude 75°56'41.81"E to 75°56'51.90"E. The land use classification as per revenue records is private own land. The lease area consists of 4.1943 hectares. The current proposal is for the new building stone quarry project. The proposed project is for quarrying of 100000 MTA of building stone. The other details are as follows:

Copy of Environmental Clearance

## Annexure No.4

Transferred from Shri Abdulla Koya Thangal

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

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

अनुज्ञप्ति सं. (Licence No.): E/SC/KL/22/1153(E.58074)  
वार्षिक फीस रूपए (Annual Fee Rs): 2400/-

1. Licence is hereby granted to  
Shri Abdulla Koya Thangal Managing Partner (अधिभोगी / Occupier : Abdulla Koya Thangal), M/s.Ruby Stone Crusher, Chamal P.O., Thamarassery, Town/Village - Thamarassery, District-KOZHICODE, State-Kerala, Pincode-673573

को अनुज्ञप्ति अनुदत्त की जाती है।

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

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमान्य है। : possess for use of Nitrate Mixture, Safety Fuse, Electric Detonators, Ordinary Detonator, के उपयोग के लिए  
Licence is valid only for the following purpose.

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

क्र. सं.	नाम और विवरण	वर्ग और प्रभाग	उप-प्रभाग	मात्रा किसी एक समय में
Sr. No.	Name and Description	Class & Division	Sub-division	Quantity at any one time
1.	Nitrate Mixture	2,0	0	150 Kg.
2.	Safety Fuse	6,1	0	1650 Mtrs
3.	Electric Detonators	6,3	0	2000 Nos.
4.	Ordinary Detonator	6,3	0	2000 Nos.

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

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञप्ति परिसर की पुष्टि होती है। रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1153(E.58074)  
The licensed premises shall conform to the following drawing(s): दिनांक (Dated) 09/10/2018

6. अनुज्ञप्ति परिसर निम्नलिखित पते पर स्थित हैं। The licensed premises are situated at following address:  
Survey No. R.S.No.1 of Chamal Desam, Kattippara village, Thamarassery taluk , ग्राम (Town/Village) : Kedavoor village,kozhikode taluk  
जिला (District) **KOZHICODE** राज्य (State) **Kerala** पुलिस थाना (Police Station) : Koduvally  
दूरभाष (Phone) **9446012919** ई.मेल (E-Mail) **Kerala** पिनकोड (Pincode) **673573**  
फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं। : pucca magazine of masonry construction  
The licensed premises consist of following facilities.

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

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

9. यह अनुज्ञप्ति तारीख 31 मार्च 2015 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2015.



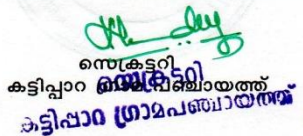
यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञप्ति की शर्तों का अधिक्रमण करने या यदि अनुज्ञप्ति परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहत की जा सकती है, जहां वह लागू हो।

M/s Ruby Stone Crusher

Compliance report

Copy of Explosive License

Annexure No.5

			
<p>ലൈസൻസ് നമ്പർ എ1-647/18 <span style="float: right;">തീയതി 10/04/2018</span></p> <p style="text-align: center;">കട്ടിപ്പാറ ഗ്രാമ പഞ്ചായത്തിൽ നിന്നും</p> <p style="text-align: center;">1994 ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994 ലെ 13)232 , 233, 234, 254 എന്നീ വകുപ്പുകളും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിച്ചു നൽകുന്ന</p> <p style="text-align: center;"><b>ഡി &amp; ഒ ലൈസൻസ്</b></p>			
<p>ലൈസൻസിയുടെ പേരും</p> <p>മേൽവിലാസവും റോഡ്,</p>	<p>അബ്ദുള്ളക്കോയ തങ്ങൾ.സി.പി, മാനേജിംഗ് പാർട്ട്ണർ, റൂബി സ്റ്റോൺ ക്രഷർ, ചമൽ(പിഒ), താമരശ്ശേരി.</p>		
<p>സ്ഥാപനത്തിന്റെ പേരും ,</p> <p>മേൽവിലാസവും സ്ഥലനാമവും</p>	<p>റൂബി സ്റ്റോൺ ക്രഷർ (കാറി)</p> <p>ചമൽ.</p>		
<p>ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ</p>	<p>കരിങ്കൽ കാറി നടത്താൻ</p>		
<p>കെട്ടിടത്തിന്റെ നമ്പരും</p> <p>വാർഡു നമ്പരും</p>	<p>കോഴിക്കോട് ജില്ലയിൽ താമരശ്ശേരി താലൂക്കിൽ കട്ടിപ്പാറ വില്ലേജ് റീസ 1 ൽപ്പെട്ട 4.1943 ഹെക്ടർ സ്ഥലം</p>		
<p>ലൈസൻസ് കാലയളവ്</p> <p>വകുപ്പുകളിൽ നിന്നുള്ള നിരാകേഷാപ പത്രങ്ങളും അനുമതി പത്രങ്ങളും പുതുക്കി നൽകുന്ന മുറയ്ക്ക്</p>	<p>01/04/2018 മുതൽ 31/03/2023 വരെ (മറ്റു പത്രങ്ങളും പുതുക്കി നൽകുന്ന മുറയ്ക്ക്)</p>		
<p>ഇടയാക്കിയ ലൈസൻസ് ഫീസ്</p>	<table border="1"> <tr> <td>ലൈ.ഫീ- 20000 രൂപ</td> <td> <p>രസീത് നമ്പർ 117030104270</p> <p>തീയതി 26/02/2018</p> </td> </tr> </table>	ലൈ.ഫീ- 20000 രൂപ	<p>രസീത് നമ്പർ 117030104270</p> <p>തീയതി 26/02/2018</p>
ലൈ.ഫീ- 20000 രൂപ	<p>രസീത് നമ്പർ 117030104270</p> <p>തീയതി 26/02/2018</p>		
<p>ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാകേഷാപ പത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ,തീയതി,കാലയളവ്, നൽകിയ അധികാര സ്ഥാനം)</p>	<ol style="list-style-type: none"> <li>1) PCB/KKD/DO/ICO/3635/2017 dtd 16/11/2017. valid upto 30/04/2020 .</li> <li>2) LE 3 LICENCE No. E/SC/KL.22/1153(E58074) dated 14/12/2017 valid upto31/03/2019</li> <li>3)EC.No10//DEIAA/KL/MIN/3970/2 dtd.23/09/2017 valid upto23/09/2022.</li> <li>4) Quarrying Lease Proceedings No. 664/2017-18/11801/M3/2015/DMG dated. 12/01/2018 . of director of Mining &amp; Geology,TVM</li> <li>5) Quarrying Lease Doct No.287/I/2018 dtd.15/01/2018</li> </ol>		
<div style="text-align: center;">  <p>കട്ടിപ്പാറ മുദ്ര</p> </div>	<div style="text-align: right;">  <p>സെക്രട്ടറി കട്ടിപ്പാറ ഗ്രാമപഞ്ചായത്ത് കട്ടിപ്പാറ ഗ്രാമപഞ്ചായത്ത്</p> </div>		

Copy of Grama Panchayat license

Annexure No.6

No.11801/M3/2015

Directorate of Mining & Geology  
Kesavadasapuram, Pattom P.O.  
Thiruvananthapuram-4  
Tel: 0471-2447429  
Fax: 0471-2447429  
E.mail: [director.dir.dmg@kerala.gov.in](mailto:director.dir.dmg@kerala.gov.in)  
Web: [www.dmg.kerala.gov.in](http://www.dmg.kerala.gov.in)  
Dated: 12/01/2018

From  
The Director of Mining & Geology

To  
M/s. Ruby Stone Crusher,  
Chamel. P. O, Thamarassery, Kozhikode District – 673 573  
(Represented by its Managing Partner, Shri. Abdulla Koya Thangal. C. P)

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. 664/2017-18/11801/M3/2015/DMG Dated: 12/01/2018  
2. Pro.order. No. 10/DEIAA/KL/MIN/3970/2017 dtd. 23/09/2017 (EC. No. 10/2017) of  
the District Environment Impact Assessment Authority, Kozhikode, Kerala  
3. KMMC Rules 2015  
4. Kerala Minerals (Prevention of illegal Mining, Storage & Transportation) Rules 2015  
5. Mines & Minerals (Development & Regulation) Act 1957.

Please refer to the Proceedings Order cited above wherein a lease for Granite (Building Stone) is granted to **M/s. Ruby Stone Crusher, Chamel. P. O, Thamarassery, Kozhikode District – 673 573 (Represented by its Managing Partner, Shri. Abdulla Koya Thangal. C. P)**. 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. 41,943/- (Rupees forty one thousand nine hundred and forty 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.

Encl: as above




Yours faithfully

*[Signature]*  
12/01/2018  
DIRECTOR OF MINING & GEOLOGY (I/c)

Copy of Permit

Annexure No.7

<p><b>PUBLIC NOTICE</b></p> <p><b>NOTICE</b></p> <p>This is to inform to the General Public that the proposed Quarry Project at Re-Survey No.1, Kattippara Village, Kattippara Panchayat, Thamarassery Taluk, Kozhikode District, Kerala being developed by M/s.Ruby Stone Crusher is accorded with ENVIRONMENTAL CLEARANCE by District Environment Impact Assessment Authority, Kozhikode vide Order No.10/DEIAA/KL/MIN/3970/2017 dt. 23/09/2017 and the copy of the Environmental Clearance is available with the office of District Environment Impact Assessment Authority (DEIAA), Kozhikode and may also be seen on the website of the Authority at <a href="http://environmentclearance.nic.in">http://environmentclearance.nic.in</a></p> <p>Sd/- Managing Director M/s. Ruby Stone Crusher</p>	 <p>Pulse Fitness</p> <p><b>Attractive Offers</b> <b>LOW EMI</b></p> <p>HOME &amp; COMMERCIAL</p> <ul style="list-style-type: none"> <li>TREADMILLS</li> <li>ELLIPTICALS</li> <li>HOME / MULTI GYMS</li> <li>CYCLES</li> <li>AB EXERCISERS</li> <li>CARDIO &amp; STRENGTH EQUIPMENT</li> </ul> <p><b>Call Now: 93499 69222</b></p> <p><b>TRIVANDRUM</b> Bakery-Vazhuthacaud One Way ☎ 0471-2339222</p> <p><b>KOCHI</b> Next to Modern Bread, Edappally ☎ 0484-2349222</p> <p>Happiness Through Fitness</p>	<p><b>A REPUTED COMPANY FOR QUALITY PRODUCTS.</b></p> <p><b>0471-2534414</b> <b>7909221222</b> <a href="http://www.vettoorannatura.com">www.vettoorannatura.com</a></p> <p><b>ARCHITECTS</b></p> <p>Established Architectural Firm wants Project Associate Architect for Multi-Storied Office Building at Kochi.</p> <p>Send resume to <a href="mailto:asso.arch2017@gmail.com">asso.arch2017@gmail.com</a></p>
<p><b>PUBLIC NOTICE</b></p> <p><b>NOTICE</b></p> <p>No.DUBA/Cons/434/MR/17-(131) Dated:28/9/2017</p> <p>Mr.Unni Krishnan Vadakkedath Sugathan S/o Vadakkedath Kesavan Sugathan resident of 42/532, Kariaparambil house, Chittoor Road, Ernakulam, Kerala 682018 present address 124 NKB Bldg, Karama, Dubai P.O.Box: 64546 Dubai and Miss Pooja Sreedharan Pillai daughter of Sreedharan Pillai Vasupilla Koyikalethu, resident of Sreevalsam Kattanam Pallicakal P O, Kayamkulam via, Alappuzha District, Kerala 690503 present address 212 new Makati Bldg Karama, Dubai,U.A.E. P.O.Box 777 Dubai. Above mentioned Indian Nationals presently residing in UAE have given notice of intended marriage between them under the foreign marriages act, 1969. If anyone has any objection to the proposed marriage he/she should file the same with the undersigned according to the procedure laid down under the act/rules within thirty days from the date of publication of this notice.</p> <p>Sd/- Sumathi Vasudevan Marriage Officer &amp; Consul (Consular &amp; Labour) Consulate General of India P.O.Box: 737, Dubai(U.A.E.), Fax No.009714-397045 Email:cons1dubai@mea.gov.in. Homepage:www.cgidubai.org</p>		

**ആധാരം നഷ്ടപ്പെട്ടു**

ദി കൽപ്പറ്റ എസ്റ്റേയിറ്റ് ലിമിറ്റഡ് കമ്പനിയിൽനിന്നും താമരശ്ശേരി ടൗൺ സി.റ. ആപ്ലിസിൽ 1991ൽ 3850-ാം നമ്പ്രായി എന്റെ പേരിൽ രജിസ്റ്റർ ചെയ്ത തീരാധാരം നഷ്ടപ്പെട്ടുപോയിരിക്കുന്നു. മേൽ നമ്പ്ര ആധാരം കണ്ടുകിട്ടുന്നവർ താഴെ പറയുന്ന വിലാസത്തിൽ അയച്ചു തരണമെന്ന് അപേക്ഷിക്കുന്നു.

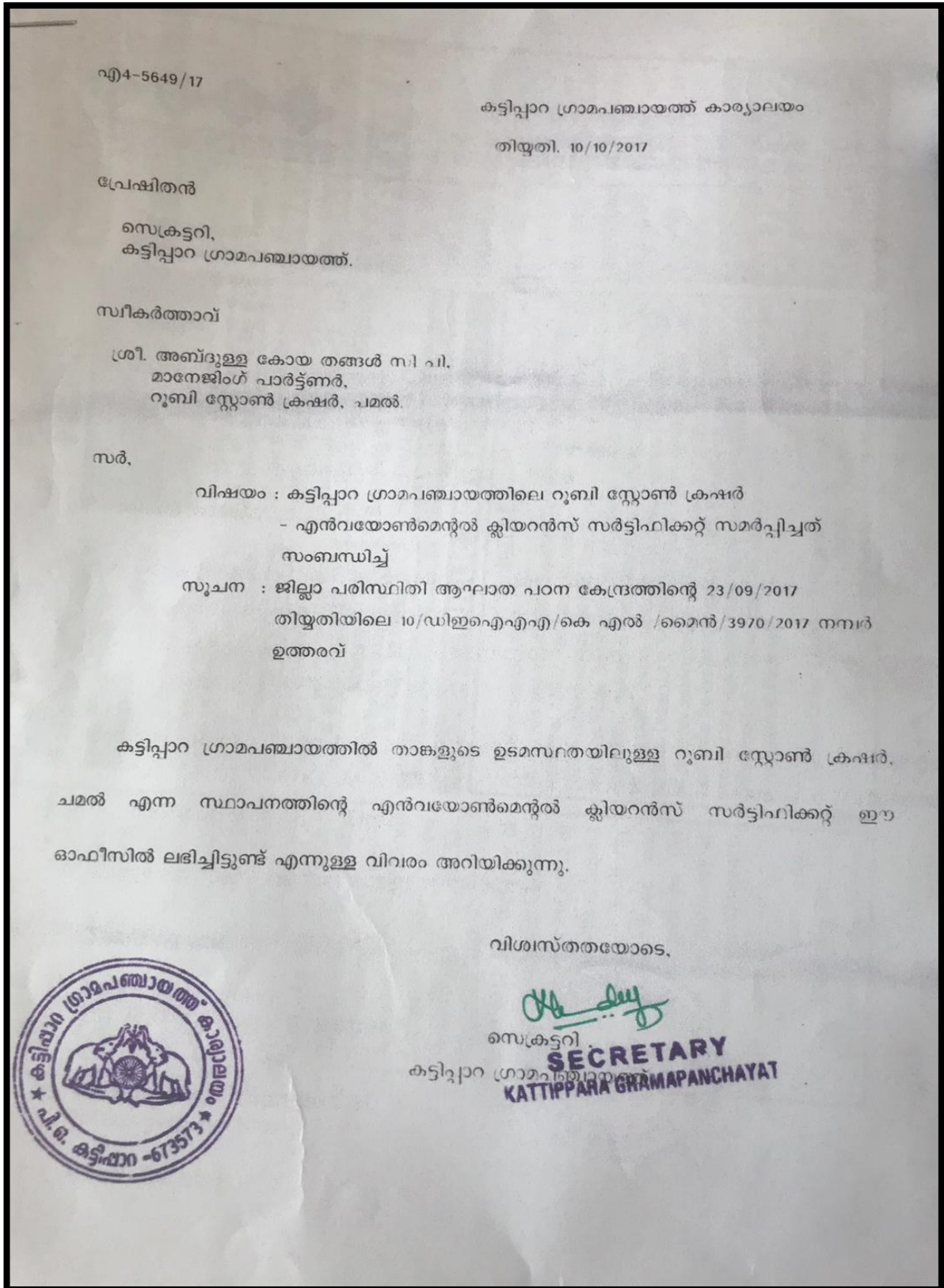
പി.ടി. അബ്ദുറഹിമാൻ, പുറ്റങ്ങാതെയിൽ, പി.ഒ. താമരശ്ശേരി

**നോട്ടീസ്**

പൊതുജന ശ്രദ്ധയ്ക്കായി, കേരള സംസ്ഥാനം, കോഴിക്കോട് ജില്ല, താമരശ്ശേരി താലൂക്ക്, കട്ടിപ്പാറ പഞ്ചായത്ത്, കട്ടിപ്പാറ വില്ലേജിലുംപെട്ട, റി.സർവ്വേ നമ്പർ 1ൽ പാറ ഖനനം ചെയ്യുന്നതിന്വേണ്ട പരിസ്ഥിതി അനുമതി റൂബി സ്റ്റോൺ ക്രഷർ എന്ന സ്ഥാപനത്തിന് ജില്ലാ പരിസ്ഥിതി ഇംപാക്ട് അസ്സസ്മെന്റ് അതോറിറ്റി, കോഴിക്കോട് നിന്നും ഓർഡർ നമ്പർ 10/DEIAA/KLMIN/3970/2017 തീയതി 23/09/2017 ഓർഡർ പ്രകാരം ലഭിച്ചിരിക്കുന്നു. ഈ ഓർഡറിന്റെ പകർപ്പ് ജില്ലാ പരിസ്ഥിതി കാലാവസ്ഥ വ്യതിയാന വകുപ്പിൽ ലഭ്യമാണ്. <http://environmentclearance.nic.in> എന്ന വെബ്സൈറ്റിൽകൂടിയും പകർപ്പ് കാണാവുന്നതാണ്.

ബോർഡർ	9895153967	തിരുവമ്പാടി	9539002264
പേരാമ്പ്ര	9846925488	താമരശ്ശേരി	8943798166
പയ്യോളി	9539001012	കുറ്റിച്ചിറ	9497170838
അത്തോളി	9947654144	ഗുഡല്ലൂർ, നീലഗിരി	09443523707
മുക്കം	9048488380	വയനാട്, വയനാട്, കൽപ്പറ്റ, മാനന്തവാടി,	
കുന്നമംഗലം	9539008558	മിനങ്ങാടി, ബത്തേരി, പനമരം	9645006153

Annexure No.8



Copy of Acknowledement from Panchayath

M/s Ruby Stone Crusher

Compliance report

Annexure No.9



**TEST REPORT**

Test Report No:TC540219000002851F	Date: 22.07.2019	Page 1 of 1
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CUSTOMER DETAILS

Customer Details	Name & Address	Mr. Abdullakoya Thangal C.P Managing Partner M/s Ruby Stone Crusher PMP Estate, Chamal, Thamarassery, Kozhikode District
Location of Site	Re -Survey No	1
	Village	Kattipara
	Panchayath	Chammal
	Taluk	Thamarassery
	District	Kozhikode
	State	Kerala
Customer Reference	Test Request form dated 17.07.2019	

SAMPLE DETAILS

Source of Sample	Ambient Air	Sample Code	TC540219000002851F
Location of Monitoring	North side Boundary	Sampled By	Laboratory
Date of Monitoring	17.07.2019	Test Started On	19.07.2019
Sample Received On	19.07.2019	Test Completed On	20.07.2019
Humidity	73 %	Sampling Procedure	IS 5182 Part V & XIV

SL NO	TEST PARAMETER	TEST METHOD	UNIT	RESULTS	NAAQ STANDARD
01	Particulate matter (PM <sub>10</sub> )	IS 5182 Part 23: 2006 RA 2017	µg/m <sup>3</sup>	40.5	100
02	Particulate matter (PM <sub>2.5</sub> )	EPA 40 CFR Part 50 Appendix - L	µg/m <sup>3</sup>	19.7	60.0
03	Sulphur dioxide (SO <sub>2</sub> )	IS 5182 Part 2: 2001 RA 2017	µg/m <sup>3</sup>	< 2.00	80.0
04	Nitrogen dioxide (NO <sub>2</sub> )	IS 5182 Part 6: 2006 RA 2017	µg/m <sup>3</sup>	< 2.00	80.0

\*\*\*End of Report\*\*\*

For and on behalf of  
Standard<sup>s</sup> 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<sup>s</sup> Environmental & Analytical Laboratories

Copy of Result of Air

# M/s Ruby Stone Crusher

## Compliance report

### Annexure No.10



#### TEST REPORT

Test Report No:TC540219000002852F	Date: 22.07.2019	Page 1 of 1
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CUSTOMER DETAILS		
Customer Details	Name & Address	Mr. Abdullakoya Thangal C.P Managing Partner M/s Ruby Stone Crusher PMP Estate, Chamal, Thamarassery, Kozhikode District
Location of Site	Re Survey No	1
	Village	Kattipara
	Panchayath	Chammal
	Taluk	Thamarassery
	District	Kozhikode
	State	Kerala
Customer Reference	Test Request Form Dated 17.07.2019	
SAMPLE DETAILS		
Source of sample	Ambient Noise Level	
Sample Code	TC540219000002852F	
Location of Monitoring	North Side Boundary	
Date of Monitoring	17.07.2019	
Method	IS 9989:1981 RA2014	

DAYTIME	RESULT	NIGHTTIME	RESULT
06.00 Hrs	37.7 dB (A)	23.00 Hrs	33.6 dB (A)
07.00 Hrs	40.5 dB (A)	00.00 Hrs	36.0 dB (A)
08.00 Hrs	44.7 dB (A)	01.00 Hrs	36.7 dB (A)
09.00 Hrs	48.2 dB (A)	02.00 Hrs	36.3 dB (A)
10.00 Hrs	50.6 dB (A)	03.00 Hrs	37.0 dB (A)
11.00 Hrs	53.7 dB (A)	04.00 Hrs	36.0 dB (A)
12.00 Hrs	51.0 dB (A)	05.00 Hrs	37.7 dB (A)
13.00 Hrs	50.2 dB (A)	RESULTS	
14.00 Hrs	50.6 dB (A)		
15.00 Hrs	51.0 dB (A)	Noise Level (Leq) Daytime	49.1 dB (A)
16.00 Hrs	52.1 dB (A)		
17.00 Hrs	52.5 dB (A)	Noise Level (Leq) Nighttime	36.3 dB (A)
18.00 Hrs	47.1 dB (A)		
19.00 Hrs	43.6 dB (A)		
20.00 Hrs	39.7 dB (A)		
21.00 Hrs	39.2 dB (A)		
22.00 Hrs	36.6 dB (A)		

\*\*\*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

Copy of Result of Noise

# M/s Ruby Stone Crusher

## Compliance report

### Annexure No.11



#### TEST REPORT



Test Report No:TC540219000002853F	Date: 22.07.2019	Page 1 of 1
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CUSTOMER DETAILS			
Customer Details	Name & Address	Mr. Abdullakoya Thangal C.P Managing Partner M/s Ruby Stone Crusher PMP Estate, Chamal, Thamarassery, Kozhikode District	
Location of Site	Re Survey No	1	
	Village	Kattipara	
	Panchayath	Chammal	
	Taluk	Thamarassery	
	District	Kozhikode	
	State	Kerala	
Customer Reference	Test Request form dated 17.07.2019		
SAMPLE DETAILS			
Sample Code	TC540219000002853F	Sample Received On	19.07.2019
Sample Name	Water	Sampling Procedure	---
Sample Description	Pond Water	Sampling Location	Near North side Boundary
Identification By Customer	---	Sample Condition	Good
Sampled On	---	Test Started On	19.07.2019
Sampled By	Customer	Test Completed On	22.07.2019

SL NO	TEST PARAMETER	TEST METHOD	UNITS	RESULT	ACCEPTABLE LIMIT (IS 10500 - 2012)
01	Colour	IS 3025 Part 4:1983 RA 2017	Hazen	1.00	5.00 (Max)
02	Odour	IS 3025 Part 5:2018	---	Unobjectionable	Unobjectionable
03	Turbidity	IS 3025 Part 10:1984 RA 2017	NTU	0.20	1.00 (Max)
04	pH	IS 3025 Part 11:1983 RA 2017	---	7.01	6.50 - 8.50
05	Conductivity	IS 3025 Part 14:1984 RA 2019	µS/cm	83.0	---
06	Total Dissolved Solids	IS 3025 Part 16:1984 RA 2017	mg/L	50.0	500 (Max)
07	Total Hardness (as CaCO <sub>3</sub> )	IS 3025 Part 21:2009 RA 2019	mg/L	16.3	200 (Max)
08	Calcium (as Ca)	IS 3025 Part 40:1991 RA 2019	mg/L	4.89	75.0 (Max)
09	Magnesium (as Mg)	IS 3025 Part 46:1994 RA 2019	mg/L	< 1.00	30.0 (Max)
10	Chloride (as Cl)	IS 3025 Part 32:1988 RA 2019	mg/L	11.9	250 (Max)
11	Total Alkalinity (as CaCO <sub>3</sub> )	IS 3025 Part 23:1986 RA 2019	mg/L	9.75	200 (Max)
12	Iron (as Fe)	IS 3025 Part 53:2003 RA 2019	mg/L	0.19	1.00 (Max)
13	Sulphate (SO <sub>4</sub> )	IS 3025 Part 24:1986 RA 2019	mg/L	5.86	200 (Max)
14	Total Coliform Bacteria	IS 15185 : 2016	----	Present/100 ml	Absent
15	E coli	IS 15185 : 2016	----	Absent/100 ml	Absent

\*\*\*End of Report\*\*\*

For and on behalf of  
Standard<sup>S</sup> Environmental & Analytical Laboratories

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<sup>S</sup> Environmental & Analytical Laboratories


Copy of Result of Water

Annexure No.12

Cert No. FR/4261

 सत्यमेव जयते

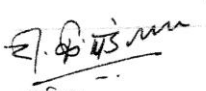



  
MINES MANAGER  
M/s V.S LAD & SONS  
S T H Iron Ore Mines

भारत सरकार/Government of India  
खान अधिनियम, 1952/Mines Act, 1952  
खनन परीक्षा बोर्ड/Board of Mining Examinations  
खान फोरमैन सक्षमता प्रमाण-पत्र  
(केवल ओपेनकास्ट खानों तक सीमित)  
(Restricted to mines having opencast workings only)  
MINE FOREMAN'S CERTIFICATE OF COMPETENCY  
(धात्विकीय खान विनियम, 1961 के अन्तर्गत)  
(Under the Metalliferous Mines Regulations, 1961)

श्री अंबन्ना नायकर सुपुत्र हुलेप्पा एन  
जिनकी जन्म तिथि 01.05.1974 है, को विहित अर्हताएं एवं अनुभव प्राप्त करने का सन्तोषजनक प्रमाण प्रस्तुत करने एवं सितम्बर, 2011 में आयोजित विहित परीक्षा में उत्तीर्ण होने पर एतद्वारा केवल ओपेनकास्ट धात्विकीय खान के लिए फोरमैन प्रमाण-पत्र प्रदान किया जाता है। यह प्रमाण-पत्र दिनांक 09.04.2012 से प्रभावी है।

श्री Ambanna Naykara son of Muleppa N  
born on 01st May, 1974 having given satisfactory evidence of possessing the prescribed qualifications and experience and having passed the examination held in September, 2011 is hereby granted MINE FOREMAN'S CERTIFICATE OF COMPETENCY for metalliferous mine having opencast workings only. This certificate is effective from 09.04.2012

  
सचिव  
खनन परीक्षा बोर्ड  
Secretary  
Board of Mining  
Examinations

  
अध्यक्ष  
खनन परीक्षा बोर्ड  
Chairman  
Board of Mining  
Examinations

Signed and Sealed  
Date 13.01.2013

Copy of Certificate of foreman