

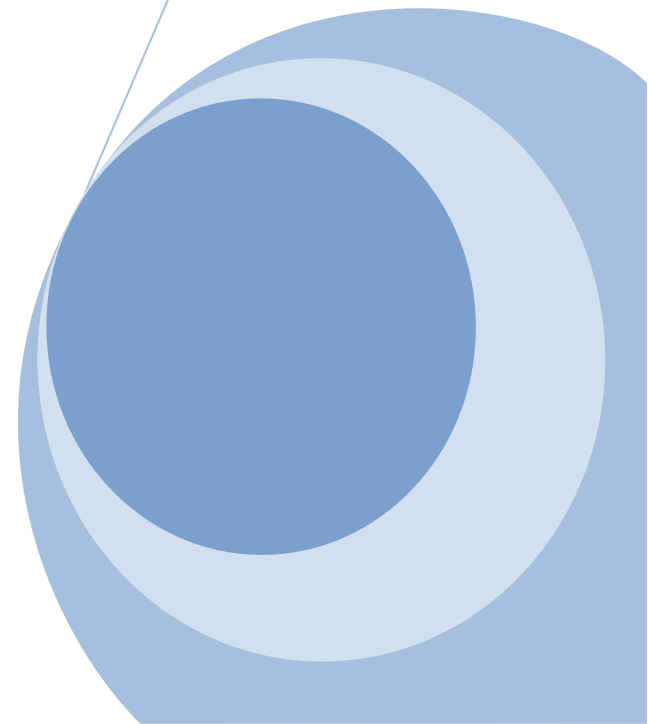
COMPLIANCE REPORT

OCTOBER 2017 - MARCH 2018

M/s ST. BASIL GRANITES

THRISSUR DISTRICT

KERALA.





Dt. 01-09-2018

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. 61/SEIAA/KL/7682/2012

**Sub :- Environment Clearance – Quarry project at Pananchery village
and panchayat, Thrissur Taluk, Thrissur District, Kerala.–
Compliance Report – Second half – Reg.**

Respected Sir,

The Quarry (Building stone) project was accorded Environmental Clearance for **4.8988 Ha.** by order No. **61/SEIAA/KL/7682/2012**, dated 01/10/2014 by State Environmental Impact Assessment Authority, Kerala. The compliance report of **Second Half** (October 2017 – March 2018) to the specific and general conditions of the Environment Clearance order is enclosed.

The Real Graded Sand

Thanking you,
Yours respectfully,

For
M/s St. Basil Granites
For ST: BASIL GRANITES,


LALY OUSEPH,
Managing Partner.

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.

Poovanchira P.O Thrissur (Dist) Kerala, Pin -680652,

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**COMPLIANCE REPORT
TO
THE CONDITIONS
OF**

ENVIRONMENTAL CLEARANCE ORDER

NO: 61/SEIAA/KL/7682/2012

Dated: 02.01.2014

BY

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)

FOR

BUILDING STONE QUARRY

(MINOR MINERAL MINING) PROJECT

AT

**SY. NO. 332/4, 340/5, 340/4PT, 331/4, 331/6P, 340/3,340/3P AND 340/4P AT
PANANCHERY VILLAGE AND PANCHAYAT, THRISSUR TALUK, THRISSUR
DISTRICT, KERALA**

BY

M/S ST. BASIL GRANITES,

THRISSUR DISTRICT

KERALA

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INTRODUCTION

Quarry project of **M/s St. Basil Granites** is situated at Sy. No. 332/4, 340/5, 340/4 pt, 331/4, 331/6 p, 340/3,340/3p and 340/4p at Pananchery village and Panchayath, Thrissur Taluk, Thrissur District, Kerala.

The quarry project was accorded with the Environmental Clearance (EC) by State Environmental Impact Assessment Authority on 02.01.2014. 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 compliance report of Second half to the specific conditions and general conditions of the Environmental Clearance for the period of **October 2017 – March 2018** is being submitted.

SALIENT FEATURES OF THE PROJECT

The project comes under Category B, Activity 1 (a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M No. L-11011/47/2011-IA.II (M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M No. J-13012/12/2013-IA-II (I) dt.24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

Geographical location of the project site is in 10⁰34'14.55 to 10⁰34'29.6596" Latitude (N) and 76⁰21'40.2541" to 76⁰21'40.2541"(E). The quarry is interlinked with a Crusher / M sand unit located within the complex. The Capacity is 2, 94,000 MTA. There are no litigations against the lease area or applicant in any court of law. Topography is hilly. Highest elevation is 100m MSL and lowest 63m MSL. The approximate daily water demand is 6 KLD and total power requirement is 150 kw.

COMPLIANCE REPORT

(SPECIFIC CONDITIONS)

PART A

PART - A – SPECIFIC CONDITIONS

01	A safe buffer distance of 100 m shall be left from nearby settlements of land and within lease area without conducting quarrying activities.	Complied
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Compliance:

The quarry project has left 100 meter as safety zone from the nearest settlement to avoid possible accidents and various type of pollution. The project does not conduct mining activity in this area.

02	Retaining wall should be provided on the western part of garland drain to arrest the runoff and clarify the water	Complied
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Compliance:

To arrest the storm water to clarify, the project has developed a pond in the lowest portion of the project area. The runoff from quarry area is leading to the existing pond and all sediments settle down at the bottom of the pond. Only clarified water is letting pout this water again de- silted with a de – siltation trap near to the out let.

03	Fencing and retaining wall should be provided as safety measure to avoid any untoward incident.	Complied
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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.

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 elsewhere.	Complied
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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. The storm water from all mining areas is properly channelized to this pond. It is situated in the lowest level of quarry area. The rain water is used for irrigation purposes, watering of plants, wetting of roads and for dust suppression system (mainly sprinklers system). The photograph showing the rain water collection pond in the project area is attached in **Plate No.1**.

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

The Environmental Monitoring Cell (EMC) was formed with Mr. K P Ouseph as head of the Monitoring Cell. The EMC meeting convenes regularly to monitor and evaluate the works done under the conditions stipulated in the EC order, and for a sustainable environment. The details of the monitoring cell are given in **Table No.1**.

TABLE 1 ENVIRONMENTAL MONITORING CELL (EMC)

Sl. No.	Post	Name
1.	Head of the monitoring cell	: K P Ouseph
2.	Head in charge (Environment)	: Uma shanker
3.	Environment Officer in charge at Site	: Basil . K . Elias

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.	Complied
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Compliance:

As part of eco restoration and to prevent dust emission during transportation of materials, suitable avenue trees were planted 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. The copy of bill from nursery is given in **Annexure No.1** and the photographs of avenue trees planted in the road side are given in **Plate No.2**. 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	Habit
1.	<i>Swietenia mahagoni</i>	Mahagony	<i>Meliaceae</i>	Tree
2.	<i>Anacardium occidentale</i>	Kasumavu	Anacardiaceae	Tree
3.	<i>Artocarpus heterophyllus</i>	Plavu	Moraceae	Tree
4.	<i>Chromolaena odorata</i>	Communist-pacha	Compositae	Shrub
5.	<i>Cocos nucifera</i>	Thengu / Coconut	Arecaceae	Tree
6.	<i>Mangifera indica</i>	Mavu	Anacardiaceae	Tree
7.	<i>Pennisetum orientale</i>	Oriental fountain grass	Poaceae	Herb
8.	<i>Tabernaemontana alternifolia</i>	Kunnanpala	Apocynaceae	Tree
9.	<i>Tectona grandis</i>	Thekku	Verbenaceae	Tree
10.	<i>Ziziphus oenopolia</i>	Thodalli	Rhamnaceae	Climber

04	The project shall incorporate devices for solar energy generation and utilization wherever possible.	Complied
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Compliance:

The installation of solar can reduce the consumption from conventional sources therefore the project has installed two solar lights to use maximum renewable energy to reduce electrical consumption from KSEB. The photograph of solar lights is provided is **Plate No.3**. The purchasing bill of solar street light is given in **Annexure No. 2**.

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

To contain dust emission, the sprinklers installed in the project site and the same is working properly. The sprinklers installed in and around the crusher unit. To prevent dust emissions from the road while transportation of materials, the project is spraying water on roads. The photographs showing the effective utilization of sprinklers in the project area is provided in **Plate No.4**. The monitoring of the air quality through a NABL accredited laboratory helps the project proponent to maintain the air quality within the permissible limit.

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

The eco restoration plan prepared by the project will be executed in a good manner. The project started to plant various saplings in and around the project site. The list of tree/shrub/herb saplings planted in the project site is given below. The mine closure plan will be done at the own cost of project proponent as agreed in the proposal. The planted and proposed saplings to be planted in the project site are given below in the **table No. 3**. The photographs of planted saplings are provided in **Plate No. 5**.

TABLE 3 Details of the saplings planted within the project area

Sl. No.	Scientific Name	Common Name	Family	Habitat
1.	<i>Artocarpus heterophyllus</i>	Plavu	<i>Moraceae</i>	Tree
2.	<i>Capsicum frutescens</i>	Kantharimulaku	<i>Solanaceae</i>	Herb
3.	<i>Carica papaya</i>	Papaya	<i>Caricaceae</i>	Tree
4.	<i>Cocos nucifera</i>	Thengu	<i>Arecaceae</i>	Tree
5.	<i>Curcuma longa</i>	Manjal	<i>Zingiberaceae</i>	Herb
6.	<i>Mangifera indica</i>	Mavu	<i>Anacardiaceae</i>	Tree
7.	<i>Musa paradisiaca</i>	Vazha	<i>Musaceae</i>	Herb
8.	<i>Swietenia mahagoni</i>	Mahagony	<i>Meliaceae</i>	Tree
9.	<i>Tectona grandis</i>	Thekku	<i>Verbenaceae</i>	Tree
10.	<i>Phyllanthus emblica</i>	Nelli	<i>Phyllanthaceae</i>	Tree
11.	<i>Azadirachta indica</i>	Neem	<i>Meliaceae</i>	tree
12.	<i>Ocimum tenuiflorum</i>	Thulasi	<i>Lamiaceae</i>	Herb
13.	<i>Tabernaemontana divaricata</i>	Nandiyarvattom	<i>Apocynaceae</i>	Herb
14.	<i>Cassia fistula</i>	Goldenshower	<i>Fabaceae</i>	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 dumpings and overburden and planted with indigenous plant species that are eco-friendly.	Will be complied
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Compliance:

To conserve rain water, ten percent of the excavated pit area will be retained as water storage area. This will help to improve the ground water table. It is proposed to develop a vegetative cover in the remaining area with indigenous plant species after reclamation of the mined area with stacked top soil and overburden.

08	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented in tune with the conditions specified in the Companies Act, 2013	Complied
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Compliance:

The project proponent has carrying out many activities for social integration and community development. The activities under Corporate Social Responsibility (CSR) activities are executed in the sector of Health, Housing. The project proponent is intending to carry out more activities under CSR for inclusive growth in the community. Photograph of performed CSR is attached as **Plate No.6**. The details of CSR performed are given in the table.

Table No.4- Details of Performed CSR

Sectors	Activities	Partners	Beneficiaries	Amount spent in Rs.
Infrastructure Development	Donation for House construction		Bijoy, Thrissur	21786
	Donation for House construction		Lilly, Poovanchira	79,390
Arts, Sports & Festival	Donation for Sports	Poovanchira desam	Public	40,000
	Donation for Festival	Makarachowva Maholsavam, Poovanchira	Public	10,000
	Donation for Festival	Sree subramaniaswami shetram	Public	25,000
	Donation	Thrissur dist.ksheera sangamam	Community	2,000
	Donation	KSEB officers Association,	Community	5,000
	Donation	Communist party of india		25,000
	Donation	Pananchery local sammelanam		25,000

	Donation	BJP statewise fund		2,50,000
	Donation	AISF Navamadiamma silpasala		25,000
		Total		5,08,176

09	Barbed metal wire fencing around the mining area shall be provided with a height of not less than 5 ft so that the falling of animals/human beings/dumping of garbages etc. does not happen	Complied
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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, The purchase bill of materials is given in **Annexure No.3**. The photograph of barbed metal wire fencing is provided in **Plate No.7**.

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:

Installation of warning alarm is a stipulated condition in explosive license. To give warning to the labours and community people prior to the blasting in quarry. This is properly working prior to the blasting time. The time of blasting in the quarry is 1.00 pm on all working days. The photograph of alarm is given in **Plate No. 8**.

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

To reduce noise level in the project site, the project proponent has implemented mitigate masseurs. The major noise generating sources from the mining activity is working

machineries, drilling, blasting and plying of vehicles. The following control measures are undertaken to bringing down the noise levels:-

- Proper maintenance of machinery and equipments
- The machineries like breaker and excavator has well sound proof cabin so that the machine operators can work without stress due to the sound.
- Personal protective devices i.e., earmuffs, ear plugs etc. are provided to workers working in high noise areas.
- The mining activity held in day time only.
- Noise level at quarry site checked periodically. The sound levels are monitored through a NABL accredited laboratory during the quarry and crusher is in operation and the monitored results are well within the permissible limits.

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.

12	Quarrying activities should be limited to day time as per KSPCB guidelines.	Complied
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Compliance:

To enhance safety and prevent sound pollution, the quarrying activities are limited to day time only as per KSPCB guidelines. The quarry working time is 8 am to 5.00 pm. The project is complied with the condition stipulated in the consent of Kerala pollution Control Board.

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

To reduce ground vibration and fly rock, the blasting is done in controlled manner by using electric delayed and ordinary detonators. All blasting activities are carrying out under qualified persons and with the specified regulations of explosive department. The depth and dia of holes prepare to reduce the fly rocks. Stemming and Colum ratio is to reduce the vibration under 10 PPV.

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

The project has appointed Manuswami Mathew as foreman licensed person who supervise/control the blasting operations for the exploitation of minor minerals in the project site. **Annexure No. 4** is showing the license of mine mate.

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:

One of the main sources of dust emission is roads. To reduce emission of dust, the access road of 450 meter from the entrance of project site to quarry is tarred. The project is spraying water on the road to arrest the dust during summer season. The photograph of tarred road is provided in **Plate No. 9**. The project proponent is intending maintain access road to the quarry in good condition for dust emission and easiness of transportation of vehicles.

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

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 is showing the same in **Plate No.10**.

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

All mining activities are progressing under the supervision of qualified personals. To enhance safety and to make environment friendly quarrying, the excavation activity in the project is progressing by creating benches of 5m width x 5m height. **Plate No. 11** showing the same.

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

The project is using ordinary delayed detonator for blasting therefore there is no incident of fly rock is happened in the community. The project is also assuring the maximum PPV is under 10 during the time of blasting.

19	Mining depth should not exceed beyond 40 m, unless otherwise specified or not below the level of the nearest stream bed, whichever is less.	Will be complied
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Compliance:

Mining depth will not exceed beyond 40 meter or not below the level of the nearest stream bed, whichever is less.

20	No mining operations should be carried out at places having a slope greater than 45⁰.	Not applicable
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Compliance:

No mining operation is carried out with a slope greater than 45⁰. There is no area seen with slope greater than 45⁰ high in the E C obtained area.

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 hollow bricks. The photograph of crusher is provided in **Plate No.12**. Vegetation around the mining area will help to reduce noise and air pollution. This helps the noise level kept within prescribed standards. The project is trying to enhance the vegetative cover by planting more tree saplings.

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

The project proponent has provided adequate Personnel Protective Equipments (PPE) such as helmets, ear muffs, safety belts, glows, etc. to ensure the safety of workers in working site. The photograph of the workers with PPE is given in the **Plate No. 17**. The copy of bill purchased for Personal Protective Equipments is attached as **Annexure No.12**.

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

As part of effective management of storm water, the project has constructed storm water drains in the lower slopes of the project area. The natural drain in the mining area helps to channelize the storm water to the pond created at mining area. The debris and sediments 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. 13**.

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

To avoid dust emission while transportation of materials, the project assure the trucks are covered before it leaving the project site. A photograph of covered truck is provided in **Plate No. 14**.

25	The proponent should plant trees at least 5 times of the loss that has occurred while clearing the land for the project.	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. The photograph of planted trees is given in **Plate No. 4** The list of tree saplings planted in the project site as part of eco-restoration is provided in **Table No 3**.

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

The project proponent is using the used oil as lubricant for machineries and other equipments. The spend oil will be sold only to the recyclers approved by Kerala Pollution Control Board.

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

As part of safety guidelines of explosive department, 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 as **Plate No .15**.

28	Norms of KSPCB should be adhered to regarding distance criteria of residences, roads, rivers and worship places.	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. There is 108 meter distance to the nearest house from the boundary of mining area.

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

There is no forest area near to the project site.

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

The project has obtained consent from KSPCB under Water and Air Act(s). The copy of certificate of “Consent to Operate” (Renewal) from Kerala State Pollution Control Board is provided in **Annexure 6**.

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.5, 6, 7, 8 & 9**.

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	61/SEIAA/KL/7682/2012 Dated: 02/01/2014
“Consent to Operate” (Renewal)	Kerala State Pollution Control Board	PCB/TSR/IC/993-2008 Dated: 27/02/2016
Explosive License	Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)	E/SC/KL/22/136(E11283) Dated: 07/04/2015
License for quarry operations	Gram Panchayat Panchayath	B -3-3013-16, Dated: 02/07/2016
Lease order	Directorate of Mining and Geology	413/2014- 15/8670/M3/2014 Dated: 26/09/2013

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

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

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

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

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

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

- Kerala Minor Mineral Concession Rules, 2015
- Mines Act, 1952

- Explosive Rules, 2008
- Kerala Panchayat Raj Act, 1994
- Water Pollution (Prevention & Control) Act, 1974
- Air Pollution (Prevention & Control) Act, 1981
- Environment Protection Act, 1986
- EIA Notification, 2006 / 2009
- The Kerala Promotion of Tree Growth in Non-Forest Areas (Amendment) Act, 2007.

35	<p>The project proponent should advertise in at least two local news papers widely circulated in the region, one which (both advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at www.seiaakerala.org. <u>The advertisement should be made within 10 days from the date of receipt of the Clearance letter and the copy of the same signed in all pages should be forwarded to the office of this authority as confirmation.</u></p>	Complied
-----------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------

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.10**.

36	<p>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.</p>	Complied
-----------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------

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 does not give the copy of clearance latter to anyone. The project does not have a website and it will create a company website soon.

37	The proponent shall submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hand copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also the Directorate of Environment and Climate Change, Govt. of Kerala.	Complied
----	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------

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 monitoring data is attached as **Annexure No. 13.**

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

Compliance:

The conditions of the environmental clearance prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font was installed. The photograph of the metallic board is provided at **Plate No.16.**

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. The copy of the same is attached at **Annexure No. 11**.

PLATES

(Photographs of the project)

Plate No. 1



Rain Water Harvesting Pond

Plate No. 2



Avenue trees planted along the road side

Plate No. 3



**Solar light in the project site
Plate No 4**



Sprinkler installed in project site

Plate No.5



Sapling planted

Plate No. 6



CSR Activity

Plate No. 7



Barbed metal wire fencing in the project site

Plate No. 8



Warning alarm installed in the project site

Plate No. 9



Tarred access road to the quarry site

Plate No. 10

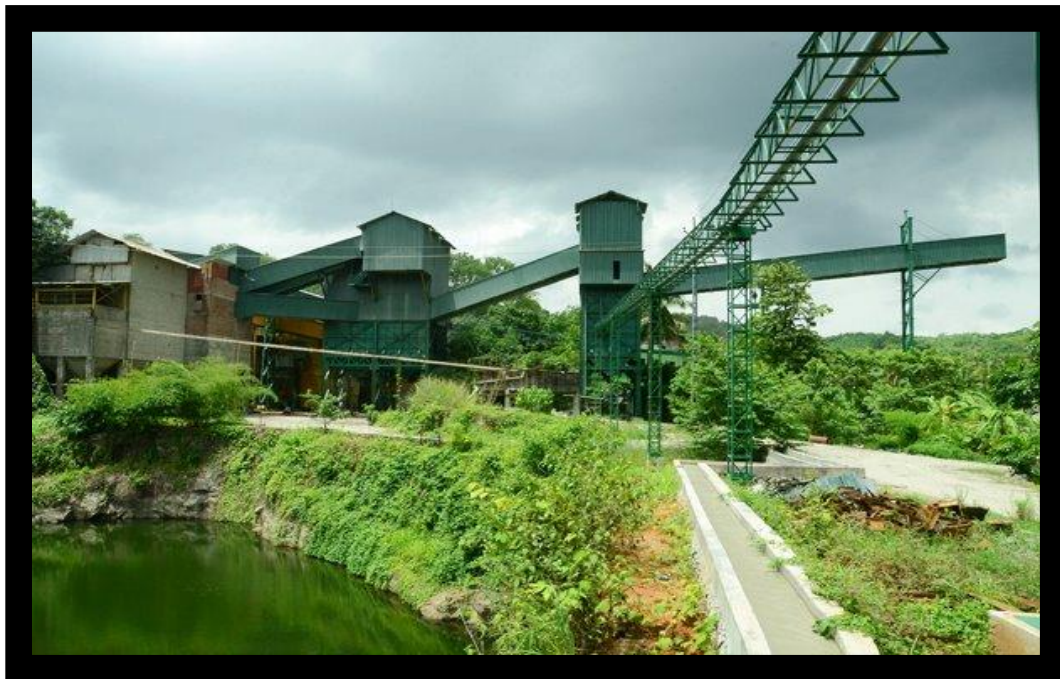


Overburden stacked in the project site.

Plate No. 11



Photograph of benches created in the quarry site
Plate No 12



Crusher working in the project site

Plate No. 13



**Drainage
Plate No 14**



A covered truck; before leaving from the project site

Plate No. 15



Magazines at isolated place in the project site

Plate No. 16



The metallic board displayed the details of EC order

Plate No.17



Labours with PPE

ANNEXURE

(Documents of the project)

Annexure No. 2

3

SOLGEN ENERGY PRIVATE LIMITED
 22/314-B,PUTHUR GRAMA PANCHAYATH,KUTTANELLUR, THRISSUR,KERALA -680014
 PHONE : 0487 3101718
 TIN 32080718193
 CST 32080718193C
 CIN : U40300KL2014PTC037446
 KERALA VALUE ADDED TAX RULES 2005
 FORM NO.8
 [(For Vat Dealers - Manufactures) See Rule 58 (10)]
 TAX INVOICE [CASH/CREDIT]

<p>TO ST.BASIL GRANITES Poovachira P.O Thrissur-680652 TIN-32080533862 Mobile - 8943446679/9947248929 mail@stbasilgranites.com</p>	<p>INV. No. 102/320284/16-17 Date 14-02-2017 P.O NO. P.O DATE 17-01-2017 INDENT NO. KL-SR-JVN/129/16-17</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Sl. No.	Commodity	Rate of Tax	Unit Price	Total Qty	Unit	Gross Value	Cash Discount	Net Taxable Value	Tax Amount	Grand Total
1	Supply of 12W Solar Street Light	1%	20,176.00	2	Each	40,352.00	-	40,352.00	403.52	40,755.52
	Round Off									0.48
	TOTAL							40,352.00	403.52	40,756.00

Grand Total in Words (Rupees Forty Thousand Seven Hundred and Fifty Six Only)

Payment Terms - RTGS Immediately after delivery of material at site

SV-1573
Fixed Asset
Solar Street Light

Declaration (To be furnished by the seller)

Certified that all the particulars shown in the above invoices are true and correct in all respects and the goods on the tax charged and collected are in accordance with the provisions of the KVAT Act 2003 and the rules made there under. It is also certified that my/our registration under KVAT ACT 2003 is not subject to any Suspension/Cancellation and it is valid as on the date of this bill.

Goods received in good condition

Signature of the Party

For SOLGEN ENERGY PVT LTD



AUTHORISED SIGNATORY

Bill of solar street light purchased

Annexure No.3.

TN : 32080278374 CST Reg. No. : 25015712

Iron (gross fencing) cost was 600 fixed.

HINDUSTAN METALS
 HARDWARE MERCHANTS, N.C. ROAD, TRICHUR - 1
 PH. 2420137, 2420237, 2420486

Plant & machinery addition (5)

THE KERALA VALUE ADDED TAX RULES 2005
 FORM NO 08
 (FOR CUSTOMERS WHEN INPUT TAX CREDIT IS NOT REQUIRED) [SEE RULE 58(10)]

RETAIL INVOICE CASH
 (TO BE PREPARED IN DUPLICATE*)

INVOICE No. : 151 Date : 08/07/2015

NAME & ADDRESS OF THE PURCHASER WITH TIN IF ANY

K.P. JOSEPH
 PUVANCHIRA. *Sumit Auditor 015 82 1010000*

EMAIL : FAX : TEL. : MOB. :

Com.Code	Item	Rate of Tax	Unit Price	Qty	Gross Value	Net Value	Tax Amt	Total Amt.
1	M.S.BARS & BARBEDWIRE14T	5.00 %	76.1905	486.700	37061.92	37061.92	1854.09	38936.01
2	M.S.BARS & G.I.WIRE 14B	5.00 %	76.1905	13.800	1051.43	1051.43	52.57	1104.00
3	M.S.BARS & G.I.WIRE 16B	5.00 %	80.9524	5.600	453.33	453.33	22.66	475.99
Total				506.10	38586.68	38586.68	1929.33	40516.01

Round off : -0.01
 Net Amount : 40516.00

Rupees Forty thousand five hundred and sixteen only.



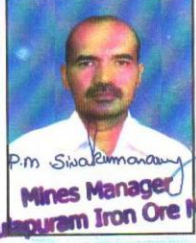
E & O E FOR HINDUSTAN METALS

HINDUSTAN METALS
 AUTHORIZED SIGNATORY
 Hardware Merchants
 N.C. Road, Trichur - 680 001
 Phone : 2420137, 2420237, 2424846

addition to plant & machinery 919

Bill of barbed metal wire

Annexure No. 4

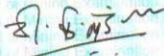





Cert No. SMR-E / 4341

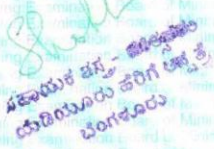
भारत सरकार / Government of India
 खान अधिनियम, 1952 / Mines Act, 1952
 खनन परीक्षा बोर्ड / Board of Mining Examinations
 द्वितीय श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र
SECOND CLASS MANAGER'S CERTIFICATE OF COMPETENCY
 (केवल ओपनकास्ट खानों तक सीमित)
 (Restricted to mines having opencast workings only)
 (घात्विकीय खान विनियम 1961 के अन्तर्गत)
 (Under the Metalliferous Mines Regulations, 1961)

श्री **कृष्ण भिमा** सुपुत्र **भिमा तुलप्पा**
 जिनकी जन्म तिथि 02.10.1969 है, को विहित अर्हताएं एवं अनुभव प्राप्त करने का सन्तोषजनक प्रमाण प्रस्तुत करने पर एतद्वारा केवल ओपनकास्ट घात्विकीय खानों के प्रबंध हेतु द्वितीय श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र प्रदान किया जाता है। यह प्रमाण-पत्र दिनांक 11.10.2009 से प्रभावी है।

Shri **Krishna Bhima** son of **Bhima Talappa**
 born on 02nd October, 1969 having given satisfactory evidence of possessing the prescribed qualifications and experience is hereby granted SECOND CLASS MANAGER'S CERTIFICATE OF COMPETENCY to manage the metalliferous mines having opencast workings only. This certificate is effective from 11.10.2009


 सचिव
 खनन परीक्षा बोर्ड
 Secretary
 Board of Mining
 Examinations



 अध्यक्ष
 खनन परीक्षा बोर्ड
 Chairman
 Board of Mining
 Examinations


 संचालक - सचिव
 कार्यालय
 भोपाल

Signed and Sealed
 Date 28.10.2010

Certificate of Second Class manager

Board of (Metalliferous) Mining Examinations
 बस्तावेज सं०
 No. of Document 11948




खान अधिनियम, १९५२
THE MINE'S ACT, 1952
 खनन मेट समर्थता प्रमाण-पत्र
MINING MATE'S CERTIFICATE OF COMPETENCY
 (घात्वीय खान विनियम, १९६१ के अधीन)
 (Under Metalliferous Mines Regulations, 1961)
 (केवल खुल कार्यस्थलों वाली घात्वीय खानों तक सीमित)
 (Restricted to metalliferous mines having open-cast workings only)


श्री....., पुत्र
 (निवासी) गांव....., थाना.....
 जिला....., राज्य.....
 जन्म तारीख.....ने अपनी आयु, स्वस्थता, सदाचार, साक्षरता और अनुभव क संतोषजनक प्रमाण दे दिया है और ता.....को पर हुई मौखिक परीक्षा पास कर ली है इसे घात्वीय खान विनियम, 1961 के अधीन उन घात्वीय खानों के लिए जिनमें केवल खुल कार्यस्थल तक कार्य सीमित होता है खनन मेट समर्थता प्रमाण-पत्र दिया जाता है।

J. VEERESH (Name)
 of Village **UBBALAG-ANDI**, Thana **GADIGANUR**
 District **BELLARY**, State **KARNATAKA**
 BORN ON **1ST JUNE 1970 (SEVENTY)**, Son of **J. BASAPPA**
 having given satisfactory evidence of his age, medical fitness, good conduct, literacy and experience and having passed a oral examination held at **G.V.T.C. SANDUR**, on **19-04-2001**
 19....., is hereby granted a MINING MATE'S CERTIFICATE under the Metalliferous Mine Regulations, 1961, restricted to metalliferous mines having open-cast workings only.

सचिव
 खनन परीक्षा बोर्ड
 Secretary,
 Board of Mining Examinations.
 तारीख 20/3/2002 १९
 Date..... 19

अध्यक्ष
 खनन परीक्षा बोर्ड
 Chairman,
 Board of Mining Examinations.


 Dy. Director of Mines Safety, Bellary.
 18-09-06


 Mining Engineer
 Ubbaligandi Patna
 K. M. Parvathamma
 Sandur Tq., Bellary Dist.

बाएं हाथ के अंगुठे का निशान
 Left hand thumb impression

प्रमाणित किया जाता है कि श्री.....का परीक्षा की गई और उसे बहरपन, सदाप दुष्ट 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. ; he has been medically examined by qualified Medical Officer and declared fit for employment in mine. This Certificate is valid upto.....

1. Onता.को
 on **22.04.2012**
 2. Onता.को
 on **26.05.2015**
 3. Onता.को
 on **21.05.2015**
 4. Onता.को
 on **25.08.2012**
 5. Onता.को
 on **26/08/2012**

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

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

Certificate of Mining Mate





Cert No. MR/SZ/571

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

श्री
जिनकी जन्म तिथि
आयु, स्वस्थता, सदाचार, साक्षरता और धात्विकीय खानों में काम करने के विहित अनुभव का सन्तोषजनक प्रमाण प्रस्तुत करने एवं दिनांक
विहित परीक्षा में उत्तीर्ण होने पर एतद्वारा केवल ओपेनकास्ट खानों तक सीमित मेट सक्षमता प्रमाण-पत्र प्रदान किया जाता है।

सुपुत्र

है, को अपनी
केन्द्र पर आयोजित

श्री **KUMARASWAMY BHONSLE** son of **NARAYANARAO BHONSLE**
born on **01ST JUNE, 1973 (SEVENTY THREE)** having given satisfactory evidence of his age, medical fitness, good character, literacy and prescribed experience of working in metalliferous mines and having passed the prescribed examination held at **MVTC, SANDUR** centre on **20.03.2015** is hereby granted **MINING MATE'S CERTIFICATE OF COMPETENCY** restricted to mines having opencast workings only.

बाएं हाथ का निशान
Left hand thumb impression

अंचल सचिव
खनन परीक्षा बोर्ड
Zonal Secretary
Board of Mining
Examinations



 अंचल सचिव
खनन परीक्षा बोर्ड
दक्षिणी अंचल, बेंगलूर
Zonal Secretary
Board of Mining Examination
Southern Zone, Bengaluru.


 अध्यक्ष
खनन परीक्षा बोर्ड
Chairman
Board of Mining
Examinations

Signed and Sealed
Date **14/07/2015**

Certificate of Mining Mate

Annexure No. 5



सत्यमेव जयते

Validity expires on 17.12.2026

Proceedings of the State Environment Impact Assessment Authority Kerala
Present : Prof. (Dr.) K.P. Joy, Member (in chair) and Sri. P.K. Mohanty IAS, Member Secretary

Sub: SEIAA Kerala – Quarry project in Survey Nos. 332/4, 340/5, 340/4pt, 331/4, 331/6p, 340/3, 340/3p and 340/4p at Pananchery Village, Pananchery Panchayath, Thrissur Taluk, Thrissur District, Kerala by M/s St. Basil Granites – Environmental Clearance under EIA Notification 2006 accorded – Orders issued

Environmental Clearance

No. 61/SEIAA/KL/7682/2012 *dated, Thiruvananthapuram 02-01-2014*

Read:- SEIAA Kerala Minutes of the 25th meeting dt. 18-12-2013

ORDER

Mr. K.P. Ouseph, Authorized Signatory, M/s St. Basil Granites, vide his revised application received on 04-01-2013, has sought Environmental Clearance under EIA Notification, 2006 for a quarry project in Survey Nos. 332/4, 340/5, 340/4pt, 331/4, 331/6p, 340/3, 340/3p and 340/4p at Pananchery Village, Pananchery Panchayath, Thrissur Taluk, Thrissur District, Kerala for an area of 4.8988 hectares. The proposed quarry site is a private land and the land is possessed in the name of M/s St. Basil Granites. Forest land is not involved in the project. It is interalia, noted that the project comes under Category B, Activity 1(a), (i) of Schedule of EIA Notification 2006. The proposed project site falls within 10°34'14.55" N to 10°34'29.6596" N and 76°21'40.2541" E and 76°21'47.2566" E. The proposed project is for quarrying of 2,94,000 TPA of building granite stone from an area of 4.8988 hectares of land. The expected life of mine will be 13 years.


The proposal has been appraised by the State Level Expert Appraisal Committee Kerala constituted by the competent authority, as per prescribed procedure in the lights of provisions under the EIA Notification 2006 and subsequent amendments, in its 11th meeting held on 9th January 2013, 19th meeting held on 9th and 10th September 2013 and 21st meeting held on 4th November 2013 AND on the basis of the supporting documents enclosed with the application viz., the Form – 1, questionnaire for mining projects, pre-feasibility report, Environment Management Plan and the additional clarifications furnished in response to the observations, the SEAC Kerala recommended environmental clearance to the project.

The proposed project activity involves about 100 % of the pit area for exploring granite building stone. At the end of life of mine, the reclaimed area will be suitably planted and the remaining void at lower levels of excavated pit will be utilized as water storage area. The proposed project does not involve any underground mining activities. The mining will be done by open cast semi mechanized method. The bench height and width proposed is 5 m. The exploitation of mineral is being done from

Environmental Clearance No: 61/SEIAA/KL/7682/2012 *Page 1 of 5*

Copy of EC order

Annexure No. 6



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/TSR/IC/993/2008
Date of issue :27/02/2016

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : PCB/DO/TSR/R3/ICO/442A/2016

Ref: PCB/DO/TSR/R1/ICO/R2/442A/2012

The 'Integrated Consent to Operate' issued as per reference above to M/s St. Basil Granites - Quarry 1, Poovanchira P.O., Thrissur, is hereby renewed up to 30/09/2017 and issued to M/s St. Basil Granites - Quarry 1, Poovanchira P.O., Thrissur. 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	Fee remitted	15,470/-
2	Annual Fee	4,420/-
3	Capital Investment	25 lakhs
4	Survey no	332/4, 340/4pt, 340/5
5	Area	2.4172 hectares
6	Validity	30/9/2017

II. Stack Details

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



III. CONDITIONS

3.1 The PM10 in ambient air at the boundary shall not exceed 100 µg/m³.

3.2 The PM2.5 in ambient air at the boundary shall not exceed 60 µg/m³.

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

3.4 Suspended particulate matter at the boundary of the premises shall not exceed the limit applicable to that area as per the National Ambient Air Quality Standards.

Consent from PCB

Annexure No. 7

LICENCE FORM LE-3
(See article 3(a) to (d) of Part I of Schedule IV of Explosives Rules, 2008)

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

No. : E/SC/KL/22/136(E11283)
Date: 22/04/1998

10

SRI. K.P.ELIAS (Occupier : K P ELIAS)
Kavanakudiyil,Poovanchira-Post., Town/Village - Poovanchira
District-THRISSUR, State-Kerala, Pincode - 680652

Status of licensee : Individual
Licence is valid only for the following purpose : possess for use of Nitrate Mixture, Safety Fuse, Electric Detonators, Ordinary Detonator,
(a) Licence is valid for the following kinds and quantity of explosives:

Sr. No.	Name and Description	Class & Division	Sub-division (If any)	Quantity at any one time
1.	Nitrate Mixture	2,0	0	150 Kg.
2.	Safety Fuse	6,1	0	2000 Mtrs
3.	Electric Detonators	6,3	0	3000 Nos.
4.	Ordinary Detonator	6,3	0	2000 Nos.

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

The licensed premises shall conform to the following drawing(s):
Drawing No : E/SC/KL/22/136(E11283) dated : 22/04/1998
The licensed premises are situated at following address:
Survey No(s). 313/6/1 , Town/Village : Panancherry ,Thri ssur -taluk
Police Station : MANOOTHY District : THRISSUR State : Kerala
PinCode : Phone : E-Mail : Fax :

The licensed premises consist of following facilities : A AND A TYPE PORTABLE MAGAZINE and E (753) type portable magazine fabricated by M/s. Thekkans

The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.
(1) Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
(2) Conditions and Additional Conditions of this licence signed by the licensing authority.
(3) Distance Form DE-2

This licence shall remain valid till 31st day of March 2006

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 in Part 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 drawing and Annexure attached hereto.

Date: 22/04/1998

Joint Chief Controller of Explosives
South Circle, Chennai

Amendments :
Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 03/04/2012
Amendment in Drawings/Facilities/Premises dated : 05/09/2012
Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 05/12/2012
Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 15/05/2014

Endorsement for renewal of licence:

Date of Renewal	Date of Expiry	Signature of licensing authority
07/04/2015	31/03/2020	Dy. Chief Controller of Explosives, Ernakulam

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

License to possess and use of explosives

Annexure No. 8

(11)

PROCEEDINGS OF THE DIRECTOR OF MINING AND GEOLOGY

Sub : Mines and Minerals-Minor Minerals-Granite Building Stone – Renewal of Quarrying lease to **M/s. St.Basil Granites, Poovanchira P.O, Thrissur-680652** sanction orders issued.

Ref : 1. Application dated 26.6.2014 from **M/s. St.Basil Granites, Poovanchira P.O, Thrissur-680652**
 2. Letters No. 1866/C2/TDO/14 from the Geologist, District Office, Thrissur Dated 16.7.14,31.7.14 & 27.8.14
 3. Kerala Minor Mineral Concession Rules, 1967
 4. Order No.61/SEIAA/KL/7682/2012 dt. 2.1.2014 of Member Secretary, SEIAA & Additional Chief Secretary to Government Environment, Forest & Wild Life Departments
 5. Order No. 634/04-05/8348/M3/04 dtd. 4.1.2005 of the DMG

No. 413/2014-2015/8670/M3/2014 **Dated, Tvpm. 26.09.2013**

ORDER


The quarrying lease grated vide reference 5th cited is renewed for a further period of 10 years from 10.1.2015 to quarry **Granite Building Stone** over an area of **2.4172** hectares of **Private** land comprised in **Sy.Nos.332/4, 340/4pt, 340/5** of **Panachery** Village, **Thrissur** Taluk, **Thrissur** District under the Kerala Minor Mineral Concession Rules, 1967 and as per the Survey map issued by the **Tahsildar, Thrissur** and submitted by the applicant subject to the under mentioned conditions.

1. Royalty is payable to Government as per Rule 29(1)(c) of the Kerala Minor Mineral Concession Rules, 1967 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 29(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 29(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 on or after 10.1.2015 but within 3 months from 10.1.2015, as the period for which quarrying lease is renewed shall be the date on which the deed is executed.
5. The lessee extracted & removed 289920M³ of Granite Building Stone as on 16.7.14 as per Form 2 and Lr.No. 1866/C2/TDO/2014 dt. 31.7.2014 of the Geologist, District Office, Thrissur. If the quantity measured in the quarry after the expiry of the original grant of lease vide reference 5th cited does not tally with the quantity as per the account furnished by the

♀

Lease order form Director of Mining and Geology

Annexure No.9



പാണഞ്ചേരി ഗ്രാമപഞ്ചായത്ത്

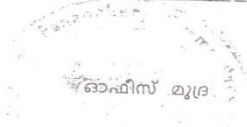
പട്ടിക്കാട് പി ഓ ; തൃശ്ശൂർ ജില്ല; കേരളം

Phone- +91 487 2282051, 2282057 email-panancherygramapanchayat@gmail.com

ഫയൽ നമ്പർ ബി3-303-16 ലൈസൻസ് നമ്പർ 2-2016

1994 ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്റ്റ് (1994ലെ13) 232,233,234, 235 എന്നീ വകുപ്പുകൾ പ്രകാരവും അതേ തുടർനൂള്ള ചട്ടങ്ങളും അനുസരിച്ച് കോടുത്ത

ലൈസൻസ്

ലൈസൻസ് ഉടമസ്ഥന്റെ പേരും മേൽവിലാസവും	ശ്രീമതി ലാലി ഔസേഫ് മാനേജിങ്ങ് പാർട്ണർ, സെന്റ് ബേസിൽ ഗ്രാനൈറ്റ്സ് പുവ്വൻചിറ-680652		
എന്ത് ആവശ്യത്തിനു ലൈസൻസ് അനുവദിച്ചു എന്ന്	കരിങ്കൽ ക്വാറി നടത്തുന്നതിന്		
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	6	303	
സ്ഥാപനത്തിന്റെ പേര്, വിലാസം	സെന്റ് ബേസിൽ ഗ്രാനൈറ്റ്സ്, പുവ്വൻചിറ		
ലൈസൻസിന്റെ കാലാവധി	01-04-2016	മുതൽ	31/03/2017
ലൈസൻസ് ഫീസ്	2000-	തിയ്യതി	27-02-16
റിമാർക്സ്	quarry licence renewal 16-17 at pananchery village , survey Nos.332/4,340/4,340/5,331/4,331/6,340/3,340/3. fees paid Rs.2000/- paid vide receipt no-11506107237 dated 27feb16, running machinery fees Rs.7000/- Prof tax paid Rs.2500/- in crusher licence Bldg No-6/303. 1) KPCB certi.valid upto 30/09/2017 2) Explosive licence valid upto 31/03/2020 3) Environmental clearance valid upto 17/12/2026 4) Mining and geology lease valid upto 12/01/2025 for 2.4172 hectares and upto 15/04/2026 for 2.107 hectares 5) location map attached.		
	വി കാസുരാംഗൻ സെക്രട്ടറി, പാണഞ്ചേരി ഗ്രാമപഞ്ചായത്ത് 27/2/2016		

License from Dram Panchayat

Annexure No.10

Contact: 9845013767 / 9880081740; Email: martinsacademy@gmail.com

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VALENTINES PARTY at Johns Ark Green Island. For group booking Contact 9388732999, 9746180555.

PUBLIC NOTICES NOTICE

This is to inform to the General Public that the proposed quarry project in Survey Nos. 332/4, 340/5, 340/4pt, 331/4, 331/6p, 340/3, 340/3p, 340/4p, Pananchery Village, Pananchery Panchayat, Thrissur Taluk, Thrissur District, Kerala being developed by M/s St. Basil Granites is accorded with ENVIRONMENTAL CLEARANCE by State Environment Impact Assessment Authority, Kerala vide Order No 61/SEIAA/KL/7682/2012 dt. 02-01-2014 and the copy of the Environmental Clearance is available with the office of Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at www.seiaakerala.org

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Advertisement in two News paper regarding issue of EC order

Annexure No.11

(14)



കേരളം കേരल KERALA AFFIDAVIT AF 739202

I, K.P. Ouseph, Authorized signatory of M/s St. Basil Granites having its correspondence office at Poovanchira P.O., Thrissur District 680652 do hereby affirm and confirm as follows:-

1. That, M/s St. Basil Granites propose to develop a Quarry Project at Survey Nos. 332/4, 340/5, 340/4pt, 331/4, 331/6p, 340/3, 340/3p, 340/4p, Pananchery Village, Pananchery Panchayat, Thrissur Taluk, Thrissur District, Kerala.
2. That, the EC proceedings number and date are 51/SE/AA/KL/7682/2012 dt 02-01-2014.
3. That, all the conditions stipuisted in the Environment Clearance would be scrupulously followed.

K.P. OUSEPH
DEPONENT

Verification :



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

Place: 7-02-2014
Date: Madhavatty

Solemnly affirmed and signed before me DEPONENT this the 7th day of Feb. 2014 at Madhavatty by deponent.


C. Madhavan
Advocate & Notary, Thrissur

7/2/2014


Affidavit

Annexure No.12



ERKOMA TOOLBOX PVT. LTD
 25/1454/1-2, KURUPPAM ROAD
 THRISSUR-680001
 PH:0487-2428921 Mob:9995736515,9746852474
 Email: info@erkoma.com
 GST : 32AAECE3740Q1ZH

(53)



GST RULES 2017 - TAX INVOICE (B2B) CATEGORY
INVOICE - Credit

No: G-18968 Date: 23/01/2018
 Name & Add. Of Purchaser: ST.BASIL GRANITES 06:19 PM
 POOVANCHIRA PO, THRISSUR Original for Recipient
 Ph: 9946469274 GST: 32AAJFS4848P1ZJ

Item Description	HSN CODE	Unit	Qty	Net Amt	GST %	GST Amt	Total
HELMET MUDCUT PIN LOCK YELLOW	65061010	NOS	15.000	1817.79	18.00	327.20	2144.99
HELMET COBRA RATCHET WHITE	65061010	NOS	5.000	677.96	18.00	122.03	800.00
HELMET HEAPRO PINLOCK GREEN	65061010	NOS	3.000	378.81	18.00	68.19	446.99
FOUR JAW COUPLER (PRIMA)		NOS	15.000	432.20	18.00	77.80	510.00
SUPABASE X PLUS 4.00 MM E 7018 ADOR WELDING ROD	83111000	KG	40.000	4264.40	18.00	767.59	5032.00
ELECTRODE 3.15 MM (BESTARC)	83111000	Packet	8.000	1645.35	18.00	296.16	1941.51
Total			8.000	9216.51		1658.97	10875.49

	GST 0%	GST 3%	GST 5%	GST 12%	GST 18%	GST 28%
Net Amt					9216.51	
CGST					829.49	
SGST					829.49	

Bill Disc	0.00
Freight	0.00
Other Expenses	0.00
Round Off	-0.49
Total(INR)	10875.00

In Words: Ten Thousand Eight Hundred And Seventy Five Rupee Only

Remarks :

Prepared By

Checked By

Authorized Signatory


E & O.E. All Transactions invoices are subject to Thrissur jurisdiction. Goods once sold will not be taken back or exchanged.


Bank Details: Federal Bank, Thrissur. A/C No: 13680200010399 IFSC CODE: FDRL0001368

Printed by ETB BILLING B1 at EEC-2 Page 1 of 1

Personal Protective equipments

Annexure No. 13





TEST REPORT

Test Report No: SEAL/1803/EN/R234	Date: 14.03.2018	Page 1 of 1
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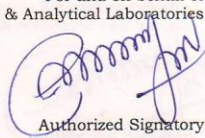
CUSTOMER DETAILS		
Customer Details	Name & Address	M/s St. Basil Granites- Quarry Poovanchira P O Thrissur District
	Re -Survey No	332/4,332/5,340/4pt,331/4,331/6p,340/3,340/3p,340/4p
	Village	Pananchery
	Taluk	Thrissur
	District	Thrissur
	State	Kerala
Customer Reference	Test Request form dated 08.03.2018	

SAMPLE DETAILS			
Source of Sample	Ambient Air	Sample Code	SEAL/1803/EN/S234
Location of Monitoring	South	Sampled By	Laboratory
Date of Monitoring	08.03.2018	Test Started On	10.03.2018
Sample Received On	09.03.2018	Test Completed On	12.03.2018
Humidity	76 %	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 2012	µg/m ³	51.4	100
02	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix - L	µg/m ³	23.5	60.0
03	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001 RA 2012	µg/m ³	< 2.00	80.0
04	Nitrogen dioxide (NO ₂)	IS 5182 Part 6: 2006 RA 2012	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
Web: www.sealabs.in, E-mail: sealab@gmail.com, info@sealabs.in

Result of Air

TEST REPORT

Test Report No: SEAAL/1803/EN/R236	Date: 14.03.2018	Page 1 of 1
------------------------------------	------------------	-------------

CUSTOMER DETAILS

Customer Details	Name & Address	M/s St. Basil Granites- Quarry Poovanchira P O Thrissur District
	Survey No	332/4,332/5,340/4pt,331/4,331/6p,340/3,340/3p,340/4p
	Village	Pananchery
	Taluk	Thrissur
	District	Thrissur
	State	Kerala
Customer Reference	Test Request Form Dated 08.03.2018	

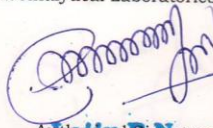
SAMPLE DETAILS

Source of sample	Ambient Noise Level
Sample Code	SEAAL/1803/EN/S236
Location of Monitoring	South Side
Date of Monitoring	08.03.2018

DAYTIME	RESULT	NIGHTTIME	RESULT
06.00 Hrs	38.4 dB (A)	23.00 Hrs	36.0 dB (A)
07.00 Hrs	41.2 dB (A)	00.00 Hrs	38.6 dB (A)
08.00 Hrs	45.5 dB (A)	01.00 Hrs	39.3 dB (A)
09.00 Hrs	49.1 dB (A)	02.00 Hrs	39.0 dB (A)
10.00 Hrs	51.5 dB (A)	03.00 Hrs	39.7 dB (A)
11.00 Hrs	54.6 dB (A)	04.00 Hrs	38.6 dB (A)
12.00 Hrs	51.9 dB (A)	05.00 Hrs	40.4 dB (A)
13.00 Hrs	51.1 dB (A)	RESULTS	
14.00 Hrs	51.5 dB (A)		
15.00 Hrs	51.9 dB (A)		
16.00 Hrs	53.1 dB (A)		
17.00 Hrs	53.5 dB (A)		
18.00 Hrs	47.9 dB (A)		
19.00 Hrs	44.4 dB (A)		
20.00 Hrs	40.4 dB (A)		
21.00 Hrs	39.9 dB (A)		
22.00 Hrs	37.2 dB (A)		
		Noise Level (Leq) Daytime	50.0 dB (A)
		Noise Level (Leq) Nighttime	38.8 dB (A)

End of Report

For and on behalf of
Standard^S Environmental & Analytical Laboratories



Authorized Signatory
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

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Result of Noise

TEST REPORT

NABL(T-3620)

Test Report No: SEAL/1803/WA/R235 Date:14.03.2018 Page 1 of 1

CUSTOMER DETAILS

Customer Details	Name & Address	M/s St. Basil Granites- Quarry Poovanchira P O Thrissur District
Location of Site	Survey No	332/4,332/5,340/4pt,331/4,331/6p,340/3,340/3p,340/4p
	Village	Pananchery
	Taluk	Thrissur
	District	Thrissur
	State	Kerala
Customer Reference	Test Request Form dated 08.03.2018	

SAMPLE DETAILS

Sample Code	SEAL/1803/WA/S235	Sample Received On	09.03.2018
Sample Name	Water	Sampling Procedure	---
Sample Description	Open Well	Sampling Location	---
Identification By Customer	---	Sample Condition	Good
Sampled On	---	Test Started On	09.03.2018
Sampled By	Customer	Test Completed On	13.03.2018

SL NO	TEST PARAMETER	TEST METHOD	UNITS	RESULT	ACCEPTABLE LIMIT (IS 10500 - 2012)
01	Colour	IS 3025 Part 4:1983 RA 2012	Hazen	1.00	5.00 (Max)
02	Odour	IS 3025 Part 5:1983 RA 2012	---	Unobjectionable	Unobjectionable
03	Turbidity	IS 3025 Part 10:1984 RA 2012	NTU	0.30	1.00 (Max)
04	pH	IS 3025 Part 11:1983 RA 2012	---	6.62	6.50 - 8.50
05	Total Dissolved Solids	IS 3025 Part 16:1984 RA 2012	mg/L	111	500 (Max)
06	Total Hardness (as CaCO ₃)	IS 3025Part 21:2009 RA 2014	mg/L	56.0	200 (Max)
07	Calcium (as Ca)	IS 3025 Part 40:1991 RA 2014	mg/L	15.2	75.0 (Max)
08	Magnesium (as Mg)	IS 3025 Part 46:1994 RA 2014	mg/L	4.38	30.0 (Max)
09	Chloride (as Cl)	IS 3025 Part 32:1988 RA 2014	mg/L	9.89	250 (Max)
10	Total Alkalinity (as CaCO ₃)	IS 3025Part 23:1986 RA2014	mg/L	17.7	200 (Max)
11	Iron (as Fe)	IS 3025Part 53:2003 RA 2014	mg/L	0.11	1.00 (Max)
12	Sulphate (SO ₄)	IS 3025 Part 24:1986 RA 2014	mg/L	20.5	200 (Max)
13	Total Coli form Bacteria	IS 1622:1981 RA 2014	----	Absent/100 ml	Absent/100 ml
14	E coli	IS 15185: 2016	----	Absent/100ml	Absent/100 ml

***End of Report**

For and on behalf of
Standard^S Environmental & Analytical Laboratories

Vidhya
Authorized Signatory
Vidhyalakshmi Das
Microbiologist

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

Result of water