



## POABSON GRANITE PRODUCTS PVT. LTD.

Thelakkad P.O. Pattikad Via, Perinthalmanna, Kerala - 679 325

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E-mail : pmna@poabs.in Website : www.msand.in

TIN : 32100752474

CST : 32100752474C

**The Director, DoECC & Secretary SEAC Kerala**

**30- 03-17**

'Devi Kripa', Pallimukku, Pettah P.O,  
Thiruvananthapuram,  
Kerala - 695024.

**Sub: Environmental Clearance - Proposed quarry project at Sy. No. 59/2,  
Kariavattom Village, Vettathoor Panchayat, Perinthalmanna Taluk, Malappuram  
District, Kerala Compliance Report - Reg.**

**Ref: File No. 50/SEIAA/KL/7241/2012**

**Respected sir,**

Our quarry project was accorded with Environmental Clearance vide Order No. 50/SEIAA/KL/7241/2012 Dt. 23-08-2013. Seventh compliance report to the specific and general conditions of the Environmental Clearance (hard copy and softcopy (CD)) for the period of September, 2016 - February, 2017 is enclosed.

Thanking you

Yours respectfully,

For Poabson Granite Products Pvt. Ltd.

**K.A. Abraham  
(Managing Director)**

Copy to:

**The Regional Director,**

**MoEF Regional Office, Southern Zone, Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wing, II  
Block, Koramangala, Bangalore - 560034.**

**COMPLIANCE REPORT  
TO  
THE CONDITIONS  
OF  
  
ENVIRONMENTAL CLEARANCE ORDER  
NO: 50/SEIAA/KL/7241/2012  
DT. 02- 09 - 2013  
BY  
STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)  
  
FOR  
PROPOSED QUARRY PROJECT**

**AT  
  
Survey No. 59/2. KARIAVATTOM VILLAGE, VETTATHOOR  
PANCHAYAT, PERINTHALMANNA TALUK, MALAPPURAM DISTRICT,  
KERALA**

**BY  
  
POABSON GRANITE PRODUCTS PRIVATE LIMITED  
KUTTOOR P.O., THIRUVALLA PATHANAMTHITTA - 689016**

**(SEPTEMBER, 2016 – FEBRUARY, 2017)**

## **INTRODUCTION**

M/s Poabson Granite Products Pvt. Ltd. is a stone quarry situated at Survey No. 59/2, Kariavattom Village Vettathoor Panchayat – Perinthalmanna Taluk, Malappuram District, Kerala. The quarry project has accorded with the environmental clearance by state Environmental Impact Assessment Authority on 02-08-2013. Six monthly compliance reports to the conditions of the environmental clearance are to be submitted as part of compliance. The compliance report to the specific and general conditions of the environmental clearance for the period of September, 2016 – February, 2017 is being submitted.

### **PART - A – SPECIFIC CONDITIONS**

#### **➤ Condition 1)**

The transportation of minerals should be done in covered trucks to contain dust emissions.

#### **✓ Compliance**

**To control dust emissions during transportation, trucks are fully covered by tarpaulin sheets after loading and the aggregates are keeping to the top body level only. Moreover, speed of the trucks has been maintaining within the permitted limits. Photograph showing the loaded trucks moving from the project area is attached as Annexure 1.**

#### **➤ Condition 2)**

PPV to be kept below 10 mm/sec for the safety of nearby dwelling units.

#### **✓ Compliance**

**The maximum charge per delay is not more than 10kg to limit the PPV values below 10mm/sec.**

#### **➤ Condition 3)**

Fly rock should not cross the lease area.

✓ **Compliance**

Unique safety measures has arranged within the project site to prevent fly rocks cross the lease boundary. Blasting in adverse weather conditions like rain, thunder storm etc. has limited. Maintain optimum delay sequence and stem to column ratio to reduce the fly rock distance.

➤ **Condition 4)**

Spent oil from DG sets should be disposed off as per Hazardous Waste (Management & Handling) rules and send to stores for disposal through authorized agents.

✓ **Compliance**

**Spent oil from DG sets is reused.**

➤ **Condition 5)**

Amount should be earmarked for CSR components as per the provisions of Companies Bill, 2011.

✓ **Compliance**

The amount proposed by the company for CSR activities has been spending for various social activities. During the Financial year 2016-2017, the Company spent around Rs. 758000/- for CSR activities. The Major CSR activities includes materials supply for construction works, marriage support, donation to socio cultural activities, medical aid, education aid etc.

➤ **Condition 6)**

The site for storage of overburden may be relocated as approved by SEAC.

✓ **Compliance**

Region allocated for stacking the overburden in the slope was transferred to a lower elevation. The excavated top soil has been storing separately in a prefixed location. The stored soil is stabilizing by planting grasses and herbs on them. The photographs showing the relocated area and stacked overburden is enclosed as Annexure 2.



➤ **Condition 7)**

Storm water management plan should be as per the revised plan approved by SEAC.

✓ **Compliance**

From the whole mining area, storm water is channelized through garland drains and these garland drains are provided with check dam model debris/silt trap. Debris/silt is removed from the traps periodically. The photographs showing the same are given in Annexure 3.

**PART – B – GENERAL CONDITIONS**

➤ **Condition 1)**

Rain water harvesting to collect and utilize the entire water falling in land area should be provided.

✓ **Compliance**

An abandoned excavated pit is used as rainwater storage system having the capacity of 12000000 liters. Photograph showing the same is enclosed as Annexure A. Details of the rainwater harvesting system are as follows.

Sl. No.	Type	Length (m)	Width (m)	Height (m)	Capacity (L)
1	Excavated mine pit	50	40	6	12000000

➤ **Condition 2)**

Environment monitoring cell as agreed under the affidavit filed by the proponent should be formed and made functional.

✓ **Compliance**

An environmental monitoring cell was formed with Mr. K.A Abraham (Managing Director of the Company) as head. Meeting of the monitoring cell has been arranging monthly and discussing the status of the compliance of the specific and general conditions stated in the

**Environmental clearance order. The details of the monitoring cell members are given below.**

<b>Sl. No.</b>	<b>Post</b>	<b>Name</b>
1	Head of the monitoring cell (Managing Director of the Company)	<b>Mr. K.A Abraham</b>
2	Head in charge (Environment)	Mr. Girish Menon
3	Senior Environmental Officer	Mr. Rinoy Varghese
4	Environmental Officer	Mr. Navin Xavier
5	Name of the environmental officer in charge at site	Mr. Jacob CA
6	Name of the officer Environment, Health and safety at site.	Mr. Charan V.
7	Name of the Asst. officer of Environment, Health and safety at site	Mr. Francis C.O.
8	Name of the environmental consultant	M/s Environmental Engineers & Consultants Pvt. Ltd.
9	Address of Environmental laboratory	M/s Poluchem Laboratory Pvt. Ltd.

➤ **Condition 3)**

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.

✓ **Compliance**

**Natural vegetation including trees and shrubs are present along the sides of tarred road and parking areas. The area with less vegetation, we have**

planted suitable avenue trees. Photograph showing the planted saplings along the sides of tarred road is enclosed as Annexure B. Details of the tree species planted along the sides of road and parking grounds are as follows.

SI No.	Scientific Name	Common Name	Family
1	<i>Polyalthia longifolia</i> (Sonn.)	Arnanamaram	Annonaceae
2	<i>Mangifera indica</i> L.	Mango tree/Mavu	Anacardiaceae
3	<i>Casuarina equisetifolia</i> L.	Choolamaram	Casuarinaceae
4	<i>Artocarpus heterophyllus</i> Lam.	Plavu	Moraceae
5	<i>Bambusa bambos</i> (L.) Voss.	Mula	Poaceae

➤ **Condition 4)**

The project shall incorporate devices for solar energy generation and utilization wherever possible.

✓ **Compliance**

The present project has incorporated devices for solar energy generation and utilization, A total of ten solar lights has erected along the road sides, magazine area, office area, crusher units etc. A solar heater has provided in the canteen and is used for water boiling. Photographs showing solar energy devices are given in Annexure B1.

➤ **Condition 5)**

Sprinklers shall be installed and used in the project site to contain dust emissions

✓ **Compliance**

Fixed Water Sprinkling Systems has installed in the Crushing units to suppress the dust generated during Crushing & Screening operation. The road system of the project site and approached road has been watering

daily by sprinkler system installed in tipper lorry. Photographs showing sprinkler system installed in the crusher unit and tipper lorry is given in Annexure B2

➤ **Condition 6)**

The eco-restoration plan submitted with the proposal should be fully implemented.

✓ **Compliance**

Subsequent to the closure of the mine, ten percent of the mined out area will be retained as water storage area. It has planned to build up a green belt in the remaining area after reclaimed with stacked dumping and overburden. List of selected indigenous plants for green belt development is given below.

SI No.	Scientific Name	Common Name	Family
1	<i>Cassia fistula</i> L.	Kanikkonna	Fabaceae
2	<i>Mangifera indica</i> L.	Mavu	Anacardiaceae
3	<i>Syzygium cumini</i> (L.)	Njaval	Myrtaceae
4	<i>Artocarpus heterophyllus</i> Lam.	Plavu	Moraceae
5	<i>Bambusa bambos</i> (L.) V	Mula	Poaceae
6	<i>Artocarpus hirsutus</i> Lam.	Anjili	Moraceae
7	<i>Cinnamomum malabattrum</i>	Idana	Lauraceae

➤ **Condition 7)**

At least 10 percent of the 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.

✓ **Compliance**

**Following the closure of the mine, ten percent of the excavated mine area will be retained as water storage area. In the remaining area, it has planned to develop a green belt with indigenous plant species after reclaimed with stacked dumping and overburden. Grass and Shrub species with strong root system will be planted in the areas prone to erosion especially at the foot of the hill.**

➤ **Condition 8)**

Rain water harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR

✓ **Compliance**

**The present project consists of an area of 4.4817 hectare and the entire project requires close to 5000 liters of water per day. An excavated pit has been using as rainwater harvesting system having the capacity of 11200000 liters. The pits can store water for all the years and it makes the company self-sufficient for its water needs.**

➤ **Condition 9)**

Corporate Social Responsibility agreed upon by the proponent should be implemented in tune with the conditions specified in Companies Bill, 2011.

✓ **Compliance**

**The amount proposed by the company for CSR activities has been spending for various social activities. During the Financial year 2016-2017, the Company spent around Rs. 758000/- for CSR activities. The Major CSR activities includes materials supply for construction works, marriage support, donation to socio cultural activities, medical aid, education aid etc.**

➤ **Condition 10)**

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/belongings/dumping of garbage's etc. does not happen.

✓ **Compliance**

**Barbed metal wire fencing has installed around the mining area with a height of 5 ft to prevent falling of animals/human/belongings/dumping of garbage's etc. Photograph showing the same is enclosed as Annexure C.**

➤ **Condition 11)**

Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of explosive department.

✓ **Compliance**

**Warning alarm has provided in the mining area and giving alarm properly during blasting time. The blasting time is prefixed between 5.00pm and 6.00pm. A danger board with blasting time has also installed in the project site. The photographs showing the warning alarm is enclosed as Annexure C1.**

➤ **Condition 12)**

Controlled measures on noise and vibration prescribed by KSPCB should be implemented.

✓ **Compliance**

**Noise pollution**

**Mitigation measures Implemented**

**The major noise generating source from the proposed activity is working machinery, drilling, blasting and plying of vehicles. The following control measures are undertaken to bring down the noise levels:-**

- ❖ Proper maintenance of machinery, equipments and improvement of design of machines.
- ❖ Use of personal protective devices i.e., earmuffs and ear plugs by workers, working in high noise areas.
- ❖ Wide green belt of dense foliage between mine areas and residential colonies.
- ❖ The mining area is working only in day times.
- ❖ Noise quality is checking periodically.

#### **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.

#### **➤ Condition 13)**

Quarrying activities should be limited to daytime as per KSPCB guidelines.

#### **✓ Compliance**

**Quarry has been working only during the day time.**

#### **➤ Condition 14)**

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

#### **✓ Compliance**

#### **Blasting**

- ❖ The controlled blasting is proposed by adopting all the safety measures as per “MMR 1961” and with the permission of DGMS.
- ❖ Blasting is carried out for the fragmentation of the granite within the project area. Multiple blast holes of 1.0 to 1.5 m depth will be

drilled with the help of 32mm drill rod, Jack Hammer and air compressor of 100 cm capacity.

- ❖ It is estimated about 250g of explosives per hole is required. About 30-50 holes per blast are proposed. Therefore the requirement of explosive will be about 10kg/ blast.

#### **Blasting safeguard**

- ❖ Blasting in the open cast is done only during day time at designated hours.
- ❖ Only competent blasters are appointed to handle explosives.
- ❖ Explosives are stored in approved and licensed magazine as per explosive Act/ Rules.
- ❖ Explosives are brought from magazine to blasting site in licensed explosive van under the care of blaster.
- ❖ Sufficient warning signals are given before blasting the holes.
- ❖ Guards are posted on all roads and paths at least 250 m distance to stop entrance to the danger zone during the blasting hour.
- ❖ Controlled blasting is practiced to control vibrations and flying fragments.
- ❖ Optimum charge is used, while blasting near office complex/ infrastructure site.
- ❖ Maximum charge per delay is always being less than 10kg to limit the PPV levels within the DGMS standards of 15 mm/sec.

#### **➤ Condition 15)**

A licensed person should supervise/ control the blasting operations.

#### **✓ Compliance**

Licensed person have been supervising/controlling the blasting operations. Copy of license of the licensed person supervising/controlling the blasting operations is enclosed as Annexure D1 and D2.



➤ **Condition 16)**

Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.

✓ **Compliance**

**Entree road to the quarry has tarred and well maintained to contain dust emissions that may arise during transportation of materials. The photographs showing the same is given in Annexure E.**

➤ **Condition 17)**

Overburden materials should be managed within the site and the old quarries, if any, should be reclaimed and restored.

✓ **Compliance**

**Amount topsoil and overburden is estimated to be 13445m<sup>3</sup>. The Major section of the excavated top soil has been using for plantations and remaining soil has been storing separately in a prefixed location. Stored top soil has stabilized by planting deep rooted grasses and shrubs.**

➤ **Condition 18)**

Height of the benches should not exceed 5m and width should not be less than 5m.

✓ **Compliance**

**Exploitation has been carrying out in the form of benches. The proposed height and width of the bench will attain shortly. Photograph showing the bench model mining is attached as Annexure E1.**

➤ **Condition19)**

Mats to reduce fly rock blast to a maximum of 15 PPV should be provided.

**Compliance**

**Would be complied**

➤ **Condition 20)**

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

✓ **Compliance**

**Mining depth will not exceed beyond 40m. The ultimate depth of the mine workings is estimated to be 115 MSL.**

➤ **Condition 21)**

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

✓ **Compliance**

**No mining operation has been carrying out at places having a slope greater than 45°.**

➤ **Condition 22)**

Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of greenbelt and hollow brick envelope for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.

✓ **Compliance**

**Crusher unit is encircle by green belt; hollow brick and metal sheet envelope has also installed around the unit. Photograph showing crusher unit encircled with green belt is enclosed as F.**

➤ **Condition 23)**

The workers on the site should be provided with the required protective equipments such as ear muffs, Helmet, etc.

✓ **Compliance**

**Workers has provided with personal protective devices such as Helmet, earmuffs, ear plugs etc. within the mining and crushing units. Photograph showing the same is enclosed as Annexure G.**

➤ **Condition 24)**

Assurance in the form of affidavit should be given to SEIAA that eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.

✓ **Compliance**

**Assurance in the form of affidavit stating that eco-restoration including the mine closure plan shall be done at the own cost of the project proponent was submitted to SEIAA on March 2014 and the copy of the same is enclosed as Annexure H.**

➤ **Condition 25)**

Assurance in the form of affidavit should be given to SEIAA that only a maximum of 10 percent of the total mine area shall be retained as water body, which shall be lined properly and further provided with protective wall to prevent accidents.

✓ **Compliance**

**Assurance in the form of affidavit stating that a maximum of 10 percent of the total mine area will be retained as water body, which will be lined properly and further provided with protective walls to prevent accidents was submitted to SEIAA on March 2014 and the copy of the same is enclosed as Annexure H1.**

➤ **Condition 26)**

Garland drains to be provided in the lower slopes around the core area to channelize storm water.

✓ **Compliance**

**Garland drains has provided at the lower slopes around the core area to channelize storm water. Photograph showing the same is enclosed as Annexure 3.**

➤ **Condition 27)**

Debris/ slit traps to be provided to prevent entry of dust and quarry wastes entering the main streams.

✓ **Compliance**

**Debris/slit traps has provided in the project area to prevent the entry of Debris/slit to the main streams.**

➤ **Condition 28)**

All statutory clearances should have been obtained, as applicable, by the project proponents from the respective competent authorities including that for blasting and storage of explosives.

✓ **Compliance**

**All other statutory approvals required for the quarrying activity has obtained for the project. The details regarding the same along with the copy of the statutory approvals is given in Annexure K1 & K2**

➤ **Condition 29)**

In case of any change(s) in the scope of the project, the project would require a fresh appraisal by this authority.

✓ **Compliance**

**Would be complied**

➤ **Condition 30)**

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 Environment (protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

✓ **Compliance**

**Would be complied**

➤ **Condition 31)**

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.

✓ **Compliance**

**Would be complied**

➤ **Condition 32)**

The project proponent should advertise in at least two local newspapers widely circulated in the region. One of which 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](http://www.seiaaKerala.org). The advertisement should be made within 10 days from the date of receipt of the clearance letter and a copy of the same should be forwarded to the office of this authority as confirmation.

✓ **Compliance**

**The company has advertised in two local newspapers regarding the details of environmental clearance to the quarrying activity and the copy of the same was submitted to SEIAA Kerala. The copy of the advertisement is enclosed as Annexure L1 & L2.**

➤ **Condition 33)**

A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat / 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 clearance letter shall also be put on the website of the company by the proponent.

✓ **Compliance**

**A copy of the environmental clearance order was submitted to the Panchayat office. The acknowledgement received is provided at Annexure M. There is no suggestion/representation received so far from anybody. The environmental clearance order is uploaded in the website of the company and can be seen in the website [www.msand.in](http://www.msand.in).**

➤ **Condition 34)**

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 can simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also the Directorate of Environment and Climate Change, Govt. of Kerala.

✓ **Compliance**

**Seventh compliance report is being submitted to Department of Environment and Climate change, Kerala Govt. both in hard copy as well as soft copy (CD).**

➤ **Condition 35)**

The conditions of the environmental clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font size of not less than 40.

✓ **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 has installed. The photographs showing the metallic board is given in Annexure N.**

➤ **Condition 36)**

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.

✓ **Compliance**

**An affidavit stating that all the conditions stipulated in the Environmental clearance will be scrupulously followed was submitted to**

**Department of Environment and climate change on 23.12.2012 and the copy of the same is attached at Annexure O.**

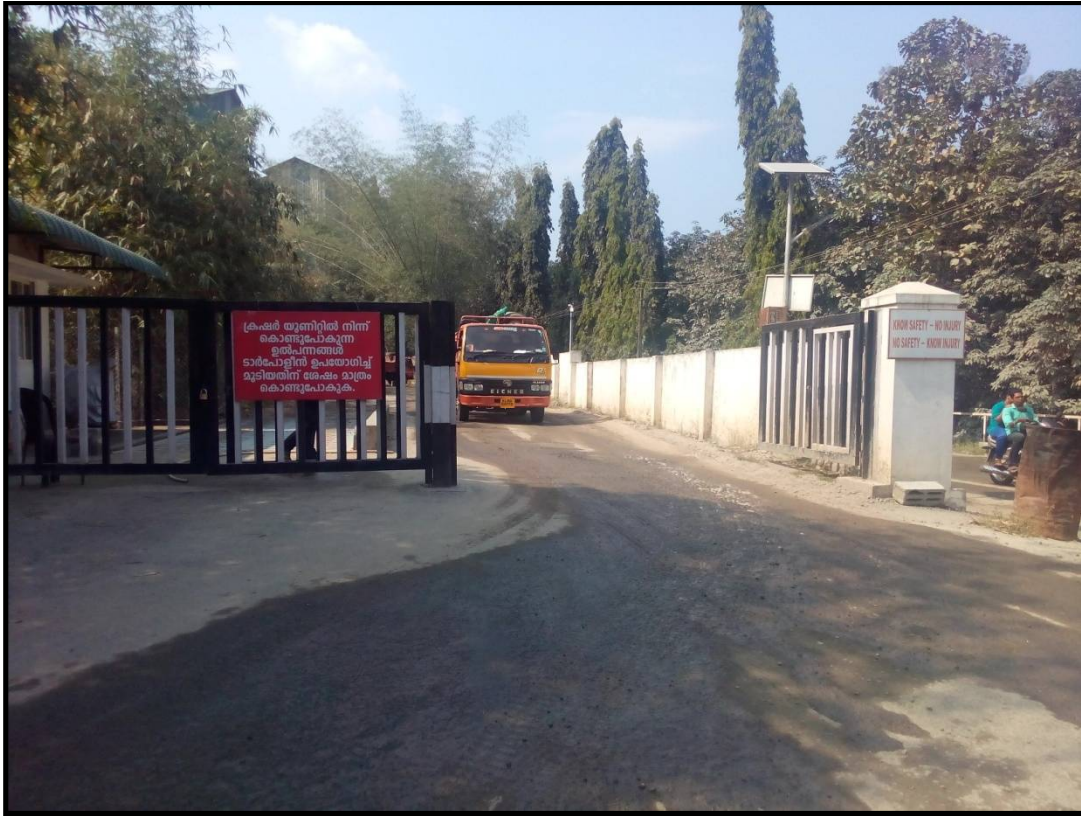
**➤ Condition 37)**

Time schedule for completion of project should be informed to SEIAA.

**✓ Compliance**

**The expected life of the mine is 5.3 Years.**

## ANNEXURE 1



**Photographs showing the information board and trucks covered with tarpaulin sheets after loading**



## ANNEXURE 2



**Photographs showing the top soil storage area**



### **ANNEXURE 3**



**Photographs showing the garland drain within the project area**

## **ANNEXURE A**



**Photograph showing the excavated pit used as rainwater storage system**



## ANNEXURE B



**Photograph showing the tree planted along the road sides**

## **ANNEXURE B1**



**Photographs showing solar energy devices installed within the project area**



## ANNEXURE B2



**Photographs showing sprinkler system installed in the crusher unit and tipper lorry**

## **ANNEXURE C**



**Photograph showing the barbed metal wire fencing erected around the mining area**



## ANNEXURE C1



**Photograph showing the warning alarm installed within the project area**



# Annexure D1

**Cert No. SMU-E / 2249**

**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**  
**(धात्विकीय खान विनियम, 1961 के अन्तर्गत)**  
**(Under the Metalliferous Mines Regulations, 1961)**

**श्री चरण वी सुपुत्र वेंकटेश रेड्डी**  
**जिनकी जन्म तिथि 28.12.1990 है, को विहित अर्हताएं एवं अनुभव प्राप्त करने**  
**का सन्तोषजनक प्रमाण प्रस्तुत करने पर एतद्वारा धात्विकीय खानों के प्रबंध हेतु द्वितीय श्रेणी प्रबंधक**  
**सक्षमता प्रमाण-पत्र प्रदान किया जाता है। यह प्रमाण-पत्र दिनांक 21.08.2015 से प्रभावी है।**

**Shri Charan V son of Venkatesh Reddy**  
**born on 28th December, 1990 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. This certificate is**  
**effective from 21.08.2015**

**SECRETARY**  
**Board of Mining Examinations**

**CHAIRMAN**  
**Board of Mining Examinations**

**Signed and Sealed**  
**Date 28.01.16**

# ANNEXURE D2

(धातु) २. १८ वीं भाग में  
Non-Metallic Minerals  
Mining Examinations  
दस्तावेज संख्या  
No. of Document



संख्या: 1224-R  
C.L.R. 1224-R

2365

## खान अधिनियम, 1952 THE MINES ACT, 1952

### खान फोरमैन समर्थता प्रमाणपत्र MINE FOREMAN'S CERTIFICATE OF COMPETENCY

(धातु खान विनियम, 1961 के अंतर्गत)  
(Under the Metalliferous Mines Regulations, 1961)

(केवल धातु खानों के लिए)  
(Restricted to metallic mines only)

श्री. .... पुरान  
निवासी गाँव. .... पानी.  
जिला. .... राज्य.  
जन्म तिथि. .... ने धातु खान विनियम, 1961 के अंतर्गत अनु. स्वस्थता, सदाचार,  
साक्षरता और अनुभव के संबंध में संतोषजनक प्रमाण प्रस्तुत कर दिए हैं और जारी किया.  
पर हुई परीक्षा पास कर ली है। इसे धातु खान विनियम, 1961 के अंतर्गत खान  
फोरमैन प्रमाणपत्र दिया जाता है। यह प्रमाणपत्र केवल धातु खानों के अपने कार्यस्थलों तक सीमित है।

Gopalan Cheriya

Shri. .... (Name)

of Village. .... Nawall, Taluka. .... Bayana

District. .... Bikaner, State. .... Rajasthan

Born on. .... 1st June, 1952, Son of. .... C. Velukkutty

having given satisfactory evidence of his age, medical fitness, good conduct, literacy and experience, and having

passed the examination held at. .... Aimer, on. .... 31.8.1985

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

mines having open cast workings only.

Secretary,  
Board of Mining Examinations.

Director of Mines Safety, Channai Region.

25-6-1986

Certified that he was medically

examined on 18-06-2013

and found to be fit to carry out the

prescribed duties upto 17-06-2014

Secretary,

Board of Mining Examinations.

Director of Mines Safety, Channai Region.

Confirmed 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.

2-8-1992

1. On. .... 2. On. ....

3. On. .... 4. On. ....

5. On. .... 6. On. ....

Director of Mines Safety (Channai Region)

Director of Mines Safety (Channai Region)

Director of Mines Safety (Channai Region)

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Director of Mines Safety (Channai Region)

Director of Mines Safety (Channai Region)

Director of Mines Safety (Channai Region)



## **ANNEXURE E**



**Photographs showing tarred access road to the quarry**

## **Annexure E1**



**Photograph showing Bench type mining**



## ANNEXURE F



**Photograph showing crusher unit encircled with green belt**

## ANNEXURE G



**Photograph showing the workers with personal protective devices**



# ANNEXURE H



കേരളം KERALA

AF 099980

## AFFIDAVIT

I, K. A. Abraham, Managing Director & authorized signatory of M/s POABS Granite Products Pvt. Ltd. having its correspondence office at Kuttur PO, Tiruvalla, Pathanamthitta District, Kerala do hereby affirm and confirm as follows:-

1. That, M/s. POABS Granite Products Pvt. Ltd. running a Quarry Project at Sy. No. 59/2, Kariavattom Village, Vettathoor Panchayat, Perinthalmanna Taluk, Malappuram District, Kerala.
2. That, the eco-restoration including the mine closure plan will be done at our expenses.

*[Signature]*  
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: Tiruvalla  
Date: 28.03.2014

*Solemnly affirmed and signed before me by the deponent who is personally known to me in my office at Tiruvalla on this the 28th day of March 2014.*

*[Signature]*  
DEPONENT

A. P. Gokula Chandran, B.A.; LL.B.  
Advocate & Notary

No 55534  
26/3/2014

K.A. Abraham  
M.D. M/s POABS Granite Products Pvt. Ltd.  
Kuttur PO  
Tiruvalla

P. KRISHNAN KUTTY NAIR  
THIRUVALLA VENDOR



# ANNEXURE H1



കേരളം KERALA

AF 099979

## AFFIDAVIT

I, K. A. Abraham, Managing Director & authorized signatory of M/s POABS Granite Products Pvt. Ltd. having its correspondence office at Kuttoor PO, Tiruvalla, Pathanamthitta District, Kerala do hereby affirm and confirm as follows:-

1. That, M/s. POABS Granite Products Pvt. Ltd. running a Quarry Project at Sy. No. 59/2, Kariavattom Village, Vettathoor Panchayat, Perinthalmanna Taluk, Malappuram District, Kerala.
2. That, a maximum of 10% of the total mined area will be retained as water body, which will be lined properly and provided with protective wall to prevent accidents.

DEPONENT

## Verification:

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

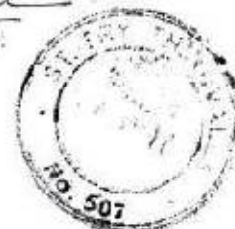
Solemnly affirmed and signed before me by the deponent who is personally known to me in my office at Tiruvalla on this the 28.03.2014 day of March 2014.

DEPONENT



NO. 55533  
26/3/2014


K.A. Abraham  
M.D., M/s POABS Granite Products Pvt. Ltd.  
Kuttoor PO,  
Tiruvalla,  
THIRUVALLA VENDOR





## ANNEXURE K1

FILE NO : PCB/RO/MLPM/IC/105/2016  
Date of issue : 23/03/2016



**KERALA STATE POLLUTION CONTROL BOARD**

**CONSENT TO**

**OPERATE/AUTHORISATION/REGISTRATION**

**ISSUED UNDER**

The Water (Prevention & Control of Pollution) Act, 1974  
The Air (Prevention & Control of Pollution) Act, 1981

and

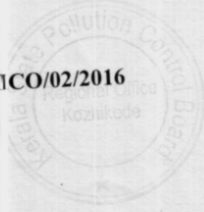
The Environment (Protection) Act, 1986

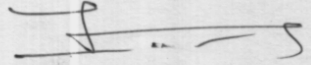
As per Application No. :2403347  
Dated:25-01-2016

**TO**

**M/s POABSON GRANITE PRODUCTS PVT LTD(QUARRY)**  
**KARYAVATTOM VILLAGE,**  
**THELAKKAD.PO,**  
**PERINTHALMANNA,**  
**MALAPPURAM.DT**  
**679325**

Consent No. :PCB/RO/MLPM/ICO/02/2016  
Valid Upto :28/02/2019







## 1. GENERAL

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

1	<b>VALIDITY</b>	28/02/2019
2	Name and Address of the establishment	POABSON GRANITE PRODUCTS PVT LTD(QUARRY) KARYAVATTOM VILLAGE, THELAKKAD.PO, PERINTHALMANNA, MALAPPURAM.DT 679325
3	Communication	Telephone :91-9447735189 Fax :- E-mail:pmna@poabs.in
4	Occupier Details	SRI.K.A.ABRAHAM, MANAGING DIRECTOR, POABSON GRANITE PRODUCTS PVT LTD, THELAKKAD.PO, PERINTHALMANNA, MALAPPURAM.DT
5	Local Body	VETTATHUR
6	Survey Number	59/2
7	Village	KARYAVATTOM
8	Taluk	PERINTHALMANNA
9	District	MALAPPURAM
10	Capital Investment(Rs in Lakhs)	Rs. 110 Lakhs
11	Scale	Small
12	Category	RED
13	Annual fee(Rs)	Rs.20,000/-
	Total Fee remitted(Rs)	Rs. 72,000/-(2000 excess)
14	RAW MATERIAL	PRODUCTS
	Nitrate mixture @ Kilogram Safety fuse,ordinary Detonators - Numbers	BLASTED RUBBLES -1000 Metric Tonnes /day
15	Total Power Required (HP)	105 HP(compressor)

## 2. CONDITIONS AS PER

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

- 2.1 In case of generation of trade effluent from the industry, effluent treatment system consisting of treatment units having adequate capacity established as per the Integrated Consent to Establish issued shall be operational at all times during which the industry is functional. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1) (g) of the Water Act shall also be made along with.
- 2.2 Water consumption: 1000 l/d
- 2.3 Effluent generation: NIL
- 2.4 The characteristics of effluent after treatment shall conform to the following tolerance limits:



Sl.NO.	Characteristics	Unit	Tolerance Limit	
			Sewage	Trade Effluent
1	NIL	NIL	NIL	NIL

2.5 Mode of disposal of treated effluent: NIL

### 3. CONDITIONS AS PER

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

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

Stack No.	Sources of Emission	Emission Rate(Nm <sup>3</sup> /Hr)	Stack Height above		Control Equipment
			Ground Level	Roof Level	
1	-	-	-	-	-

3.2 Emission characteristics shall not exceed the following:

Sl.No.	Parameter	Limiting Standards (mg/Nm <sup>3</sup> )
1	-	-

### 4. CONDITIONS AS PER

#### The Environment (Protection) Act, 1986.

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

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

4.3 Hazardous waste generated, if any, shall be handled as per the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008.

4.3.1 Activities for which Authorisation is granted

Collection	transport
Reception	Storage
Treatment	Reprocessing/Disposal

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

Sl.No.	Hazardous Waste	Schedule Category	Quantity Tonne/year
1	-	-	-

Mode of	
Storage	Disposal

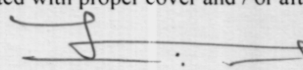


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4.4 e-waste shall be disposed off safely as per the e-waste (Management and Handling) Rules, 2011.

## 5. SPECIFIC CONDITIONS

- 5.1. This consent is granted subject to the power of the Board to revoke, review and make variation in all or any of the conditions specified here under.
- 5.2. This consent shall be valid only if the unit is having a valid quarry permit.
- 5.3. No change or alteration of the unit is to be made without the prior permission of the Board. Any change in the particulars furnished in the references or in the identity of the occupier / authorised agent is to be intimated to the Board forthwith.
- 5.4. The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water, land and noise pollution.
- 5.5. For renewal of the integrated consent application in the prescribed form shall be submitted to the Board in the third month before expiry of the consent through the web portal of the Board ([krocmms.nic.in](http://krocmms.nic.in)) for Online Consent Management & Monitoring System. Late application will be accepted only with fine/late fee as applicable.
- 5.6. Suitable species of trees and other plants shall be planted and maintained within and along the periphery of the premises, forming a green belt to improve the environment.
- 5.7. If operations are done with backup power, the generator shall have adequate capacity to run all associated pollution control devices.
- 5.8. In case of process disturbance/failure of pollution control equipments, the respective units shall be shut down and shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- 5.9. In case of discharge/apprehended discharge of any water/air pollutant or hazardous waste due to any accident or other unforeseen act or event, it shall be immediately intimated to the Board and the consentee/authorisee shall make all possible efforts to mitigate/ prevent/remediate the discharge.
- 5.10. Signboard showing the name of the establishment shall be displayed at the entrance of the site.
- 5.11. Location of the quarry shall be as shown in the drawing attached. No change or alteration shall be made without the prior permission of the Board.
- 5.12. Quarrying operations shall be started only after obtaining the D&O license under the Kerala Panchayat Raj Act from the concerned Local Self Government Institutions and submitting a copy of the same to the District Office of the Board at Malappuram.
- 5.13. Boundary of the quarry shall be fenced before operation of the quarrying activity.
- 5.14. The occupier shall at his own cost get the ambient air monitored for suspended particulate matter at least once in six months.
- 5.15. Records of such monitoring shall be maintained and shall be made available to the inspecting officers of the Board whenever called for.
- 5.16. Suspended particulate matter measured between 3m and 10m from the stone crusher unit shall not exceed 600 microgram per cubic metre. Particular matter (PM10&PM2.5) at the boundary of the premises shall not exceed the standard applicable to the adjoining area.
- 5.17. After excavation at the site is completed, the land may be used for rain water harvesting with protective barriers / any other suitable approved purpose or may be reclaimed.
- 5.18. The consent issued is subject to the conditions specified in the clearances issued by the Mining and Geology Department and Explosive Department as per the provisions of the relevant statutes.
- 5.19. Raw materials and products shall be loaded, unloaded or transported with proper cover and / or after wetting to prevent spreading of dust.







5.20. The sound level measured 1 m outside the boundary of the premises shall not exceed the standards applicable to the adjoining area.

5.21. The applicant shall put up two sign boards of size 6 x 4 m near the main entrance of the plant. One board shall display condition no. 1.3 and 1.15 and the other shall display the latest air, water, and noise monitoring data against the standards specified.

5.232. This consent for the quarry shall be valid up to the date up to which quarry permit issued by mining and geology department is valid.

5.23. Adequate safety measures shall be provided in accordance with fire safety regulations and necessary clearance shall be obtained from concerned authority.

K E R A L A

DATE :23/03/2016

SIGNATURE & SEAL OF ISSUING AUTHORITY

OFFICE SEAL

FAROOK SAIT. A  
Senior Environmental Engineer

To

Copy to.

1. The Member Secretary, Head Office, Thiruvananthapuram
2. The Environmental Engineer, District Office, Malappuram
3. The Secretary, Vettathur Grama Panchayat, Malappuram
4. Stock file



## KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/HO/MLPM/IC/06/2015

Date of issue :27/10/2015

### INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : PCB/HO/MLPM/ICO-R/07/2015

Ref : 1. CONSENT TO OPERATE-RENEWAL NO.PCB/RO/MLPM/ICO-R/04/2012 DATED 12.07.2012  
2.CONSENT TO ESTABLISH-EXPANSION NO.PCB/RO/MLPM/ICE/10/2013 DATED 01.10.2013

The ' Integrated Consent to Operate' issued as per reference above to M/s POABSON GRANITE PRODUCTS(P)LTD.,THELAKKAD.PO,PERINTHALMANNA, MALAPPURAM-679325 is hereby renewed up to 30/06/2018 and issued to M/s POABSON GRANITE PRODUCTS(P) LTD.,THELAKKAD.PO, PERINTHALMANNA, MALAPPURAM-679325 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	1.2 MONTH & YEAR OF RENEWAL	MARCH2018
2	1.12 scale	Large
3	1.13 CAPITAL INVESTMENT	Rs. 11,50,00,000/-
4	1.14 ANNUAL FEE	Rs70000
5	1.1 VALIDITY	30.06.2018
6	1.17 PRODUCT (Metric Tonnes /Day)	FINE SAND- 75 ,M SAND -660 &STONE AGGREGATES -1461
7	1.15 FEE REMITTED	RS 158130
8	1.18 MACHINERY	PRIMARY CRUSHER -215 HP & 80 HP, SECONDARY CRUSHER -4NOS 50HP EACH,VSI -500HP AND AUXILLIARIES - 835HP.
9	1.19 TOTAL HP	1850

#### II. CONDITIONS

3.2 The Condition No. 3.2 is modified as:

- j. The suspended particulate matter measured between 3m and 10m from the stone crusher unit shall not exceed 600 microgram per cubic metre.
- k. The PM10 in ambient air at the boundary shall not exceed 100 microgram per cubic metre
- l. The PM2.5 in ambient air at the boundary shall not exceed 60 microgram per cubic metre.
- m. The sound level (Leq) at 1 m outside the boundary of the site should not exceed the ambient noise standard applicable to adjoining areas.

4.4 Condition related to quarries (2.11,3.1,3.6, & 4.4) and Condition no.3.5 & 4.1 are deleted.

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

DATE :27/10/2015

SIGNATURE & SEAL OF ISSUING AUTHORITY

MEMBER SECRETARY

OFFICE SEAL

~~Copy To~~  
TO

POABSON GRANITE PRODUCTS(P) LTD

✓ THELAKKAD.PO,  
PERINTHALMANNA,  
MALAPPURAM-679325

COPY TO

- 1. THE ENVIRONMENTAL ENGINEER, DISTRICT OFFICE, MALAPPURAM
- 2 STOCK FILE

## ANNEXURE K2



GOVERNMENT OF INDIA  
MINISTRY OF COMMERCE & INDUSTRY  
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION (PESO)  
(Formerly Department of Explosives)  
Kendriya Bhavan, Block C-2, 3rd Floor  
CSEZ PO Kakkanad Dist. Ernakulam Ernakulam 68201  
Tele: 2427286 Fax: 2427276  
Email: dycceernakulam@explosives.gov.in

No: E/SC/KL/22/10(E8569)

Dated: 27/03/2015

To,  
Shri K.A. ABRAHAM MG. DIRECTOR,  
M/s. POABSON GRANITE PRODUCTS PVT. LTD., Thelakkad P.O. FERINTHALM INNA, MALAPPURAM DISTRICT,  
KERALA  
Town/Village - NILAMBUR  
Distt. MALAPPURAM, State Kerala Pincode-679325

Subject: Possession for Use of Explosives from magazine at Survey No(s): 9/1, Village Town.  
KARYAVATTOM, Distt. MALAPPURAM, State Kerala Licence No.: E/SC/22/10(E: 69) granted in  
Form LE-3 of Explosives Rules, 2008 - Renewal regarding

Sir(s),

Reference to your letter No. E/SC/KL/22/10(E8569) dated: 12/01/2015, the subject licence duly renewed upto 31/3/2020 issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

### Conditions:

- 1) Valid authorized quarry permit in the name of licensee for blasting operations a survey no. 9/1, Village Karyavattom, Distt. Malappuram, State Kerala. The quarry permit shall be renewed from time to time shall be in possession of the licensee. If any change of quarry or additional quarry is involved necessary prior approval/endorsement obtained from the licensing authority shall be in possession.
- For further renewal of licence, please submit the following documents so as to reach this office on or before 1/3/2020.
  - Application in Form RE-1 duly filled in and signed.
  - Licence fees for one to five years in the form of demand draft drawn on an Nationalized Bank in favour of Jt. Chief Controller of Explosives, Chennai payable at Chennai.
  - Original licence with approved plan.
  - In this connection, please also refer to Rule 112 of Explosives Rules, 2008.
- Indent for purchase of explosives shall be placed in RE-11 with the supplier and copy of the same shall be sent to this office (Not applicable for fireworks store house)
- Please submit quarterly returns of explosives in RE-7 at the end of every quarter so as to reach this office by 10th of the succeeding quarter (Not applicable for fireworks store house)
- All blasting operations shall be carried out by a competent person holding a valid shot fire's permit granted under above rules. However, blasting operations in mines coming under the purview of the Mines Act 1952, the master shall have qualifications prescribed in the regulations framed under the said Act.

Enclosures:

Copy Forwarded to:

1. District Magistrate, MALAPPURAM (Kerala) for information.

Yours faithfully,

A.B. Tamgadge

Controller of Explosives

For Dy. Chief Controller of Explosives

എ. ബി. താമഗാജി

For Deputy Chief Controller of Explosives

എ. മുഹമ്മദ് / En. Muhammed

For Dy. Chief Controller of Explosives,  
Ernakulam

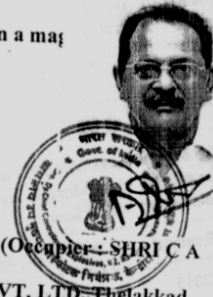


### LICENCE FORM LE-3

(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 mag

Licence No. : E/SC/KL/22/10(E8569)  
Annual Fee Rs:4200/-



1. Licence is hereby granted to : **Shri K.A. ABRAHAM M.G. DIRECTOR (Occupier - SHRI C A ABRAHAM)**  
**M/s. POABSON GRANITE PRODUCTS PVT. LTD., Thelakkad**  
**P.O. PERINTHALMANNA, MALAPPURAM DISTRICT, KERALA, Town/Village - NILAMBUR**  
**District-MALAPPURAM, State-Kerala, Pincode - 679325**

2. Status of licensee : **Individual**  
3. Licence is valid only for the following purpose : possess for use of **Nitrate Mixture, Safety Fuse, Detonators,**

4. (a) Licence is valid for the following kinds and quantity of explosives:

Sr. No.	Name and Description	Class & Division	Sub-division (If any)	Quantity at any one time
1.	Nitrate Mixture	2,0	0	500 Kg.
2.	Safety Fuse	6,1	0	30000 Mtrs
3.	Detonators	6,3	0	20000 Nos.

(b) Quantity of explosives to be purchased in a calendar month [applicable for licence under article 3(b) and (c)] : **10 times as above.**

5. The licensed premises shall conform to the following drawing(s):  
**Drawing No : E/SC/KL/22/10(E8569) dated : 12/05/1995**
6. The licensed premises are situated at following address:  
**Survey No(s). 59/1 , Town/Village : KARYAVATTOM**  
**Police Station : MELATTOOR District : MALAPPURAM State : Kerala**  
**PinCode : Phone : E-Mail : Fax :**
7. The licensed premises consist of following facilities : **A magazine with a high exp. room and a detonator room**
8. The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.  
(1) Drawings (showing site, constructional and other details) as stated in serial No. 5 above.  
(2) Conditions and Additional Conditions of this licence signed by the licensing authority.  
(3) Distance Form DE-2
9. This licence shall remain valid till **31st day of March 2005**

This licence is liable to be suspended or revoked for any violation of the Act or rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of

Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

The Date: 12/05/1995

Sd/-  
Joint Chief Controller of Explosives  
South Circle, Chennai

**Amendments :**

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 20/05/2011
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 09/03/2012

Endorsement for renewal of licence:

Date of Renewal	Date of Expiry	Signature of Licensing authority
27/03/2015	31/03/2020	Dy. Chief Controller of Explosives, Ernakulam कृते उप मुख्य विस्फोटक नियंत्रक For Deputy Chief Controller of Explosives एरनकुलम / Ernakulam

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

(Set VIII)

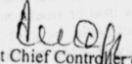
The following are the conditions of licence number E/SC/KL/2.2/10(E8509) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c) ) granted by Chief controller of Explosives or Controller of Explosives.

1. The quantity of explosives on the premises at any one time shall not exceed the licensed capacity.
2. The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to the licence.
3. The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
4. The opening of packages and the weighting and packing of explosives shall not be carried on in the magazine.
5. Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, as by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other; Provided that—
  - (d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space;
  - (e) Detonators belonging to Class 6 Division 3 shall be kept separately.
  - (f) Gun powder belonging to Class 1 shall be kept separately.
6. Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.
7. Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.
  - (i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.
  - (ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.
8. The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from; Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.
9. If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the event of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory. Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day :

Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.
10. Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching premises of fire, Lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or explosion:

Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.
11. The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever page numbered.
12. No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives or any reason whatsoever.
13. Magazine shall at all times be kept in state of good repair (or maintained in good condition) and the licensee shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.
14. Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.

16. The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.
17. The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.
18. The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.
19. A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.
20. Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.
21. Not more than 4 persons shall be allowed inside the magazine or store house at any one time.
22. Empty packages of the explosives shall be removed at the earliest and destroyed.
23. The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.
24. Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.
25. If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the licence shall execute the recommendations and report compliance within the period specified by such authority.
26. The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the 1st authorised explosives from a licensed factory or company for possession and sale from the magazine.
27. The possession and sale of fire-crackers generating noise level exceeding:
  - a) 125 dB(A) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;
  - b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log<sub>10</sub> (N) dB, where N = number of crackers joined together.
28. Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.


  
 For Joint Chief Controller of Explosives  
 कृ. उप मुख्य विस्फोटक, चेन्नई  
 For Deputy Chief Controller of Explosives  
 ए. कुलम / Ernakulam

**Form DE-2**  
(See rule 113 of the Explosives Rules, 20(8))  
(Distance Form to be attached to the licence)

Safety distances required to be kept clear around magazine for high explosives or fire works or factory licence number E/SC/KL/22/10(E8569) in form LE-3 granted to Shri K.A. ABRAHAM MG. DIRECTOR M/s. POABSON GRANITE PRODUCTS PVT. LTD., Thelakkad P.O. PERINTHALMANNA, MALAPPURAM DISTRICT, KERALA, Kerala..

Type of Structure(s)	Safety distances meters	
<b>Inside Safety Distances(ISD)</b>		
1 Room or Workshop used in Connection with the Magazine	M	UM
2 Any other Explosives Magazine or store House or Factory of the Applicant	19	25
3 Magazine Office		
<b>Middle Safety Distances(MSD)</b>		
4 Magazine Keeper's or Chowkidar's Dwelling house		
5 Railway including Minerals and Private Railways		
6 Canal (in active use) or other navigable water		
7 Dock or Pier or Jetty		
8 Public Highway or Public Road		48
9 Private Road which is PRINCIPAL means of access to a Temple, Mosque, Church, Gurudwara or other places of worships, Hospital, College, School or Factory		
10 River Embankment or Sea Embankment or Public Well		
11 Reservoir or Bounded tank/rope way		
12 Windmill or Solar panel for Power Generation		
<b>Outside Safety Distances(OSD)</b>		
13 Dwelling House		
14 Govt. and Public Building		
15 Temple, Mosque, Church or Gurudwara or other Places of Worships		
16 Shops, Market place, Public recreation and Sports Ground, College, School, Hospital, Theater, Cinema or other Building where the public are accustomed to assemble		
17 Factory		
18 Buildings or Works used for the Storage in Bulk of Petroleum, Spirit, gas, or other inflammable or hazardous substances		95
19 Building or Works used for Storage and Manufacture of Explosives or of articles which contain Explosives		
20 Aerodrome		
21 Furnace, Kiln or Chimney		
22 Quarry or mine pit head		
23 Power House or Electric Substation		
24 Wireless Station		
25 Warehouse or other Storage Building		
26 Any other Protected works		
<b>Overhead Electric lines</b>		
27 Electric Power over head Transmission Lines above 440V	90	
28 Electric Power over head Transmission Lines upto 440V	15	

The Date : 12/05/1995

  
For Joint Chief Controller of Explosives  
South Circle, Chennai

**Amendments :**

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 20/03/2011
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 09/03/2012

കുടുംബ സുരക്ഷ വിജ്ഞാപന നിയന്ത്രക  
Deputy Chief Controller of Explosives  
എറണാകുളം / Ernakulam



21 Years of Service

**ഓണത്തിന് സൂര്യനെ നിട്ടിൽ എത്തിക്കൂ...**  
സൗകര്യങ്ങൾ നേടൂ...

ഏറ്റവും മികച്ച 'കൂട്ടായി' ഉപയോക്താക്കൾക്കായി ഓണത്തിന് സൂര്യനെ നിട്ടിൽ എത്തിക്കൂ...

**Hyk**  
Powering the Nation  
EST. 2007-2014/2015, 2016/2017  
hyk@hyk.com hykhyk.com

**Positive Business Solution, Malappuram. Ph: 9847496108**

**DEALERSHIP:** 9847496108, **ERNAKULAM:** 974777000, **MAKER:** 9142621419,  
**PERINTHALMANA:** 0493 332077, **THIRU:** 9447353564, **VALANCHERY:** 9539277711,  
**KANNIYAKUMAR:** 9885-888888, **PUDUCHERRY:** 9447214354.

**HOME UPS • SOLAR WATER HEATER • TUBULAR BATTERY • SOLAR POWER PLANT • STREET LIGHT • UPS**



**1st BIRTHDAY**  
(11-01-2013)

**മുക്കുട്ടിന്റെ പിറന്നാൾ**  
(ഒരു കൊണ്ട്)  
ആശംസകൾ  
ബന്ധുക്കൾക്കായി

**NOTICE**

This is to inform to the General Public that the proposed quarry project at Karavattom Village, Vettathoor Panchayat, Parthibalamanna Taluk, Malappuram District, Kerala being developed by M/s. Pooson Granite Products Pvt. Ltd. is accorded with ENVIRONMENTAL CLEARANCE by State Environment Impact Assessment Authority, Kerala vide Order No. 52 / SEIAA / KL / 1241 / 2012 dt. 02.09.2013 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 at the website of the Authority at [www.seiaa.kerala.org](http://www.seiaa.kerala.org)



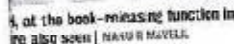
**ഭീമ ഓണമഹോ**  
ഈ ഓണത്തെ പൊതു  
സെപ്തംബർ 12,  
തീയതികളിൽ  
ഭീമയുടെ പാലക്കാട്

- \* സാർവ്വദേശീയതയോടുകൂടി നേട്ടം സാർവ്വദേശീയതയോടുകൂടി
- \* വിവിധവിഭാഗങ്ങളിൽ മുൻകൂട്ടി ബുക്കുചെയ്യാൻ പ്രത്യേക
- \* വിവിധവിഭാഗങ്ങളിൽക്കൊപ്പം ആകർഷകമായ ആനുകൂല്യം
- \* വെള്ളിയാരോണങ്ങളുടെ സവിശേഷത ശ്രദ്ധയോടെ
- \* വ്യവസായങ്ങളുടെ അപൂർവ്വ ഭരണമെങ്കിലും

എല്ലാ അയാൾക്കും വാങ്ങാൻ കോററും തുറന്ന് പ്രവർത്തിക്കും

**Palakkað:** Near KSRTC Stand, 0491 2526916





## Express News Service

In an affidavit, District Collector Muhammad Sagor submitted that several steps have been taken by the government to augment the package of services already provided to the victims. The Collector made the submis-

It is noted that there are 5,500 persons in the list of victims and that 2,046 victims have been paid the first instalment of the compensation recommended by the National Human Rights Commission. Categorisation of victims eligible for compensation has been made by doctors designated by the Health Department. All the patients in the list were given a package of services. Though all the persons in the list are eligible for the package of services, payment of compensation was limited only to the completely bed ridden, mentally retarded and

According to the Collector, the govt has been providing a comprehensive package of services to all the victims. The relatives of 594 victims have already been paid the first instalment of compensation of ₹ 15 lakh. The govt has earmarked ₹ 17.675 crore for payment of compensation to the next of kin of those who died, out of which ₹ 8.00 crore has already been paid.

He was released after furnishing ₹1 lakh second and two sureties for same amount. He has also been asked not to leave the district for three months and the state until the probe is completed. Tension prevailed for some time on the Poojappura prison premises when some relatives of Firoz as well as prison officials prevented mediapersons from taking photographs of the release of Firoz. ENS

This is to inform the General Public that the proposed quarry project at Koduvattor Village and Penahoyel, Kothikode Taluk Kothikode District, Kerala being developed by M/s. Pheonix Products Pvt. Ltd. is awarded with ENVIRONMENTAL CLEARANCE by State Environment Impact Assessment Authority Kerala vide Order No. 46 / SEAA / KL / 1718 / 2012 dt. 02.08.2013 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.seaakerala.in](http://www.seaakerala.in)

This is to inform to the General Public that the proposed quarry project at Kakkavaram Village, Venkateswara Nagar, Perinthanambalam Taluk, Malappuram District, Kerala being developed by M/s. Poonchi Granite Products Pvt. Ltd. is accorded with **ENVIRONMENTAL CLEARANCE** by State Environment Impact Assessment Authority, Kerala vide Order No. SE/SGIA/A.K./7341/2012 dt. 02.09.2013 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.seiaaonline.org](http://www.seiaaonline.org)

This is to inform the consumers that signals of the MEDIA PRC Channels (comprising of Zee24 Gatala, Zee Gatala, Zee 24 Taas, Cartoon New, CNN, ETC, Zee ETC Punjabi, HDG, Gogo Warner Brothers, Zee Action, Zee Bangla, ZeeBusiness, Zee Cafe, Zee Cinema, Zee Classic, Zee Jagran, Zee Khabars, Zee Marathi, Zee Zee News, Zee UP UK, Zee Fresnet, Zee Punjab Haryana Himachal Pradesh, Zee Soham, Zee Sris, 7m Studio, Zee Talkies, Zee Tamil, Zee Telugu, Zee Trends, Zee TV, Star Movers, Star Plus, Star World, Star Gold, National Geographic: Channel 9, Traveler, Life OK, Star Vijay, Channel V, MGM, Zee Ananda, Zee Anis, FX, Go Crime, Nat Geo Wild, Nat Geo Adventure, Nat Geo Music, Baby TV, NCTV 24KG, NCTV Pro, NDTV Good Times, NDTV Indis, Suvarna, Star Utsav, ABN News, Zee Khaba Khabana, Movies OK, Star Preethi, ADP Majha, Anandani, Aashani, Star Movies Action (Entire/Fire Action Movies), Zee Bangla Cinema, Zee G, Star Jalsa Movies, Zee, Aashani Movies, Zee Madhya Pradesh Chhattisgarh, Suvarna Plus, Zee Rajasthan Plus, & Pictures) and Zee Anmol are likely to be discontinued effective two weeks from today (in account of Non-payment of outstanding subscription fees and Non-signing of fresh subscription agreement between channels in respect of the following cable operator(s).

Cable Operator(s) Name	Address
• Mrs. Century Satellite Communication	Century Complex, Mullikara Park Strand, Mulkiam, Calicut- 673602, Kerala.
• Mrs. Hi Vision	Peravoor Post, Peravoor, Kottar - 573673, Kerala.
• Mrs. Teal Cable Network	Kannur PO, Olla Marala, Kannur- 670564, Kerala.
• Mr. A.J Network	Edoor Iltte, Sannur- 673403, Kerala.
• Mrs. Malabar Satellites Communication	Chungum, Thannassey, Calicut- 673573, Kerala.

All the areas serviced by the Operator (s) and to franchisees will be effected  
*launched by: Media Pro Enterprise India Private Limited*  
 7th Floor, Blue Wave Behind Kuber Chambers,  
 Off Link Road, Ananthi(W), Mumbal - 400 053.



## ANNEXURE M

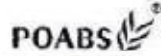
### POABSON GRANITE PRODUCTS PVT. LTD.

Thelakkad P. O., Pattakkad Via, Perinthalmanna - 679 325

Malappuram Dt., Kerala

Ph: +91 - 4933 245120, 245189

E-mail: pmna@poabs.in, www.mgand.in



TIN: 32/00752474  
26/07/2018 00752474-C

Date: \_\_\_\_\_

To,

The Seceraty

Vettathoor Grama Panchayathu

Thelakkad

Dear Sir,

SUB: ENVIROMENTAL CLEARANCE ORDER FROM SEIAA

We here with submitting the environmental clearance order from The State Environment Impact Assessment Authority Kerala for our Granite products manufacturing unit.

Thanking You

Yours Faithfully

For POABSON GRANITE PRODUCTS PVT LTD

Manager



Secretary

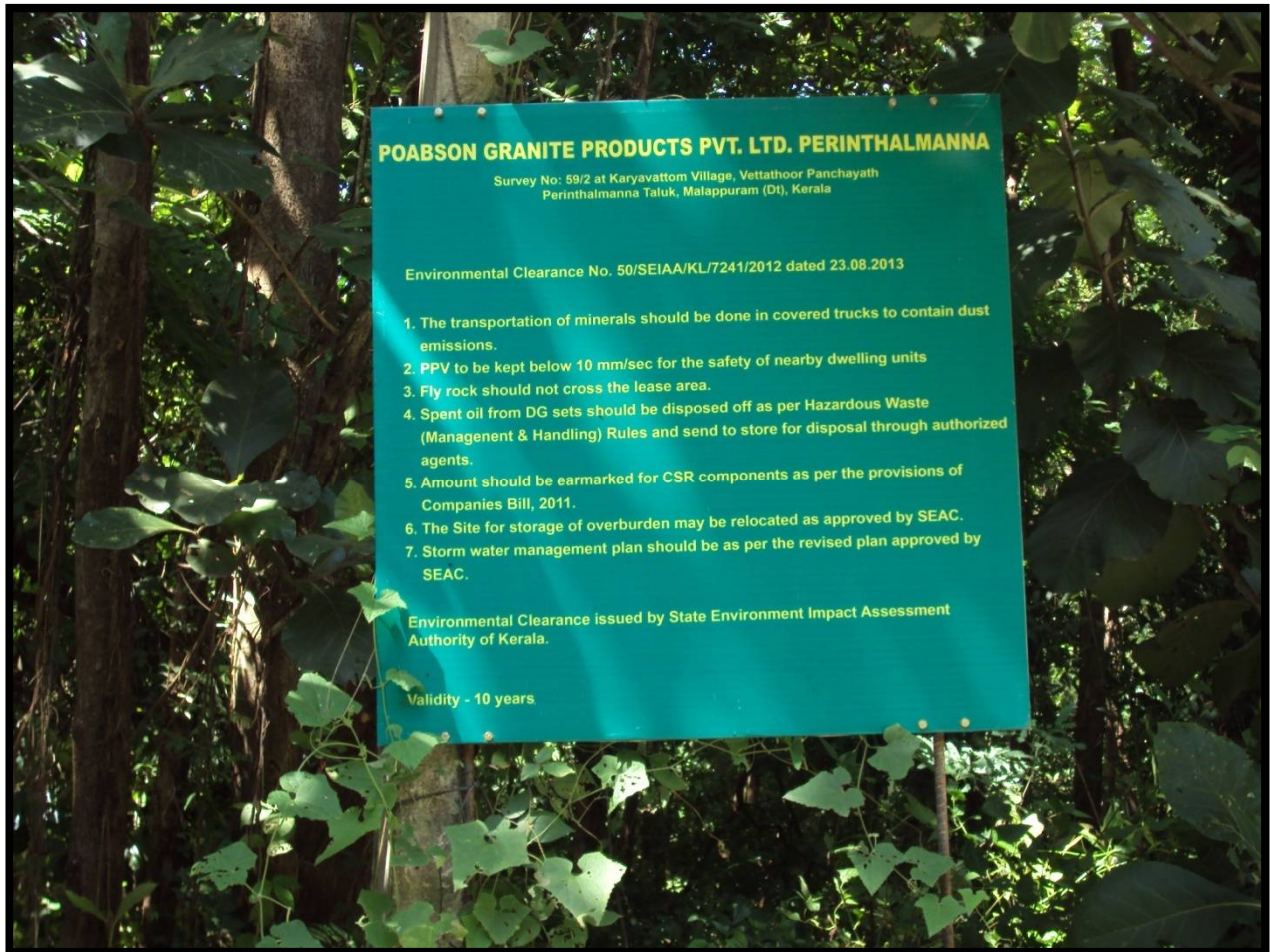
Vettathoor Grama Panchayath  
Malappuram



Regd. Office: Kuttur P. O., Tiruvalla, Kerala, India - 689 106, Ph: +91 - 439 2743300, Fax: +91 - 439 2743333, E-mail: pmna@poabs.com



## ANNEXURE N



**Photograph showing specific conditions of the environmental clearance order prominently displayed in a metallic board**

# ANNEXURE O



കേരളം KERALA

AB 023977

## AFFIDAVIT

I, K.A. Abraham, Authorized Signatory of Poabson Granite Products Pvt. Ltd. having its correspondence office at Kuttoor P.O., Thiruvalla 689 106, Kerala do hereby affirm and confirm as follows:

1. That, the Poabson Granite Products Pvt. Ltd., proposed quarry project in Survey No. 59/2 at Kariavattom Village, Vettathoor Panchayath, Perinthalmanna Taluk, Malappuram District, Kerala.
2. That, the EC proceedings number and date are 50/SEIAA/ KL/7241/ 2012 dt. 23.08.2013.
3. That, all the conditions stipulated in the Environment Clearance would be scrupulously followed.

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 : Kuttoor  
Date : 14.09.2013

Solemnly affirmed and signed before me by the deponent who is personally known to me in my office at Thiruvalla on this 14th day of September 2013.

DEPONENT



A.P. Chokkappa Chendran, B.A., LL.B.  
Advocate & Notary  
Thiruvalla  
D. KRISHNA MOORTHY NAIR  
THIRUVALLA VENDOR

13/9/2013

K.A. Abraham, mg  
Poabson Granite Products Pvt. Ltd.  
Thiruvalla