



## POABS ENTERPRISES PVT.LTD.

Kollayil P.O., Chithara, Kollam District, Kerala. India - 691 541.

Phone: + 91- 474 3294866

Email : ctra@poabs.in Website : www.msand.in

The Director, DoECC & Secretary SEAC Kerala  
Devi Kripa, Pallimukku , Pettah P.O,  
Thiruvananthapuram  
Kerala – 695024.

20- 01- 2015

Sub: Environmental Clearance – Proposed quarry project Sy. Nos. 266/15, 266/24, 266/16-1, 266/16-2, 271/7-1, 271/7-2, 271/7-3, 272/5, 267/5, 268/2-1, 268/2-2, 268/3-2-1, 268/3-2-2, 268/5-2, 268/6, 268/7, 269/9-2, 268/8-1, 268/8-2, 268/4, 268/4-2, 268/4-3, 271/4 & 271/5, Chithara Village & Panchayat, Kottarakkara Taluk, Kollam District, Kerala – Compliance report – Reg.


Ref: File No. 35/SEIAA/KL/6090/2012

Respected Sir,

Our quarry project was accorded with Environmental Clearance vide order No. 35/SEIAA/KL/6090/2012 dated 14-11-2012. Fourth compliance report to the specific and general conditions of the Environmental Clearance (hard copy as well as softcopy (CD)) for the period of July- December, 2014 is enclosed.

Thanking you,

Yours respectfully,  
M/s POABS Enterprises Pvt. Ltd.

  
Thomas Jacob  
(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.

Regd. Office : Kuttoor P.O., Tiruvalla, Kerala, India - 689 106.

Phone : + 91 - 469 - 2743300 Fax : + 91 - 469 - 2743330 Email : mail@poabs.com Website : www.poabs.com

**COMPLIANCE REPORT**

**TO**

**THE CONDITIONS**

**OF**

**ENVIRONMENTAL CLEARANCE ORDER**

**NO: 35/SEIAA/KL/6090/2012**

**DT. 14 - 11 - 2012**

**BY**

**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)**

**FOR**

**PROPOSED QUARRY PROJECT**

**AT**

**Sy.Nos. 266/15, 266/24, 266/16-1, 266/16-2, 271/7-1, 271/7-2, 271/7-3, 272/5, 267/5,  
268/2-1, 268/2-2, 268/3-2-1, 268/3-2-2, 268/5-2, 268/6, 268/7, 269/9-2, 268/8-1, 268/8-2,  
268/4, 268/4-2, 268/4-3, 271/4 & 271/5**

**CHITHARA VILLAGE & PANCHAYAT, KOTTARAKKARA TALUK, KOLLAM DISTRICT, KERALA**

**BY**

**POABS ENTERPRISES PRIVATE LIMITED**

**KOLLAI P.O.CHITARA, KOLLAM, KERALA**

**(July - December, 2014)**

## INTRODUCTION

M/s Poabs enterprises Pvt. Ltd. is a stone quarry situated at Sy.Nos. 266/15, 266/24, 266/16-1, 266/16-2, 271/7-1, 271/7-2, 271/7-3, 272/5, 267/5, 268/2-1, 268/2-2, 268/3-2-1, 268/3-2-2, 268/5-2, 268/6, 268/7, 269/9-2, 268/8-1, 268/8-2, 268/4, 268/4-2, 268/4-3, 271/4, 271/5, Chithara village, Kottarakkara Taluk, Kollayil P.O, Kollam District, Kerala. The quarry project was accorded with the environmental clearance by state Environmental Impact Assessment Authority on 14-12-2012. 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 July- December, 2014 (Fourth report) is being submitted.

### PART - A – SPECIFIC CONDITIONS

#### ➤ **Condition 1)**

**Assurance in the form of affidavit should be given to SEIAA Kerala that eco- restoration including the mine closure plan shall be done at the expenses of the project proponent on completion of mining.**

Compliance:

Assurance in the form of affidavit was submitted to SEIAA Kerala that eco-restoration including the mine closure plan will be done at our expenses on 19.03.2014. The copy of the same is provided at Annexure No.1. After the closure of the mine, 10 percent of the excavated pit area will be retained as water storage area. In the remaining area, it is proposed to build up 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 particularly at the foot of the hill.

#### ➤ **Condition 2)**

**Quantity of overburden and their storage shall be provided to SEIAA Kerala before initiating activities.**

Compliance:

Quantity of overburden and their storage are previously provided to SEIAA Kerala. The amount of overburden together with topsoil is projected to be 21,454m<sup>3</sup>. The excavated top soil is stored

separately in a prefixed location and the stored soil is stabilized by planting grasses and herbs on it. List of plant species used for the stabilization of topsoil and disturbed areas are as follows.

| Sl. No | Botanical Name  | Common Name              | Family  |
|--------|---|--------------------------|---------|
| 1      | <i>Axonopus compressus</i> (Sw.) P.Beauv.             | Kaalappullu/Carpet Grass | Poaceae |
| 2      | <i>Cymbopogon flexuosus</i> (Nees ex Steud.) W.Watson | Lemon grass/ Inchipullu  | Poaceae |

The photographs showing top soil storage area are provided at Annexure No.2.

### ➤ Condition 3)

**Plan clearly showing the internal roads within the project site to be submitted to SEIAA Kerala before initiating activities.**

Compliance:

Internal road system is maintained well. There is about 0.70km of roads having 7.0m width is present inside the project area. Sides of the road system not having natural vegetation are planted with indigenous plant species. Details of the plant species planted along the road sides are given below.

| Sl. No | Botanical Name               | Common Name    | Family          | Distribution  | Status   |
|--------|------------------------------|----------------|-----------------|---|--|
| 1      | <i>Mangifera indica</i> L.   | Mavu           | Anacardiaceae   | Evergreen and semi-evergreen forests and also widely cultivated | Indo-Malaysia  |
| 2      | <i>Terminalia catappa</i> L. | Badam          | Combretaceae    | Plains, Cultivated  | Malaysia to North Australia and Polynesia, Commonly planted in the tropics |
| 3      | <i>Bauhinia tomentosa</i> L. | Manjama ndaram | Caesalpiniaceae | Cultivated as ornamental plant                                  | Native of South east Asia  |

Map showing the internal road system within the project site is enclosed as Annexure No. 3.

➤ **Condition 4)**

**Specific methodology adopted for drilling and blasting and also the geometry of drill holes to be given to SEIAA Kerala before initiating activities.**

Compliance:

The excavation of the mineral is proposed by excavators and the mineral is fractured and easily exploit by rock breakers and excavators. The hard strata are proposed to excavate after drilling and blasting. The specific methodology adopted for drilling, blasting and the geometry of drill holes is provided at Annexure No.4.

➤ **Condition 5)**

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

Compliance:

Garland drains are provided within the project area to channelize the storm water and the photographs of the same is provided at Annexure No. 5. Check dam model de-siltation traps are provided in the garland drains, which arrest the passage of debris and silt from quarry site to the main streams.

➤ **Condition 6)**

**Debris /silt traps to be provided to prevent entry of dust and quarry waste entering the main streams.**

Compliance:

De-siltation traps are provided in the storm water channels, which will arrest the passage of debris and silt from quarry site entering the main streams. Debris and silt from the trap are removed and disposed periodically. The photographs of the same are provided at Annexure No.6.

➤ **Condition 7)**

**Dust and sound level should be as per the prescribed standards applicable to the area.**

Compliance:

The dust and sound levels and water quality are monitored through an NABL accredited laboratory (Polluchem Laboratories (P) LTD) periodically during the quarry in operation and the monitored results are well within the standards applicable. Average Ambient Sound Level in day and night time are 46.4dB and 38.1dB respectively. Value of Particulate matters PM<sub>10</sub> and PM<sub>2.5</sub> are 47.2µg/M<sup>3</sup> and 23.7µg/M<sup>3</sup> correspondingly. Sulphur dioxide and Nitrogen dioxide values in the air are 2.7µg/M<sup>3</sup> and 3.2µg/M<sup>3</sup> respectively. The copy of the ambient air quality monitoring report, ambient noise monitoring report and water quality analysis report are provided at Annexure No. 7, 8 and 8a respectively.

➤ **Condition 8)**

**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.**

Compliance:

The specific 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 size of not less than 40 is installed. The photograph of the display board is provided at Annexure No. 9.

**PART – B – GENERAL CONDITIONS**

➤ **Condition i)**

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

Compliance:

Rainwater harvesting system is maintained in the project area. Harvesting system consists of 3 concrete wells each having the capacity of 35350 liters and two harvesting tanks constructed with stone masonry wall having the capacity of 180000 liters each. Details of the rainwater harvesting system are as follows.

| Sl. No. | Type                         | Length (m) | Width (m) | Height (m) | Diameter (m) | Capacity (L)  |
|---------|------------------------------|------------|-----------|------------|--------------|---------------|
| 1       | <b>Tank constructed with</b> | <b>15</b>  | <b>12</b> | <b>1</b>   | <b>-</b>     | <b>180000</b> |

|   |   |           |          |            |          |               |
|---|---|-----------|----------|------------|----------|---------------|
|   | <b>stone masonry wall 1</b>                       |           |          |            |          |               |
| 2 | <b>Tank constructed with stone masonry wall 2</b> | <b>15</b> | <b>8</b> | <b>1.5</b> | <b>-</b> | <b>180000</b> |
| 3 | <b>Concrete wells 1</b>                           | <b>-</b>  | <b>-</b> | <b>5</b>   | <b>3</b> | <b>35350</b>  |
| 4 | <b>Concrete wells 2</b>                           | <b>-</b>  | <b>-</b> | <b>5</b>   | <b>3</b> | <b>35350</b>  |
| 5 | <b>Concrete wells 3</b>                           | <b>-</b>  | <b>-</b> | <b>5</b>   | <b>3</b> | <b>35350</b>  |

Photograph of the rainwater harvesting system as enclosed at Annexure A.

➤ **Condition ii)**

**Environment monitoring cell should be formed and made functional.**

Compliance:

An environmental monitoring cell was formed with Mr. Joseph Jacob (Managing Director of the Company) as head of the monitoring cell and made functional. Meeting of monitoring cell is arranged monthly and discuss the status of the compliance of the specific and general conditions contained in the Environmental clearance order. The details of the monitoring cell members are given below.

| Sl No.   | Post   | Name  |
|----------|--|---|
| <b>1</b> | <b>Head of the monitoring cell (Managing Director of the Company)</b>      | Mr. Thomas Jacob  |
| <b>2</b> | <b>Head in charge (Environment)</b>  | <b>Mr. VT Thomas</b>  |
| <b>2</b> | <b>Senior Environmental Officer</b>  | <b>Mr. Rinoy Varghese</b>   |
| <b>3</b> | <b>Environmental Officer</b>   | <b>Mr. Navin Xavier</b>   |
| <b>4</b> | <b>Name of the environmental officer in charge at Site</b>                 | <b>Mr. K. Sambath Raj</b>   |
| <b>5</b> | <b>Name of the officer of Environment, Health and safety at Site</b>       | <b>Mr. Rajesh. K.</b>   |
| <b>6</b> | <b>Name of the Asst. officer of Environment, Health and safety at Site</b> | <b>Mr. Pandyarajan</b>  |
| <b>7</b> | <b>Name of the environmental consultant</b>                                | <b>M/s Enkay Enviro Services Pvt. Ltd. &amp; M/s Environmental Engineers &amp; Consultants Pvt. Ltd</b> |
| <b>8</b> | <b>Address of Environmental laboratory</b>                                 | <b>M/s Poluchem Laboratory Pvt. Ltd.</b>  |

➤ **Condition iii)**

**Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any.**

Compliance:

There are natural vegetations including trees, shrub and herbs in the sides of tarred road and parking areas. We planted the area with less vegetation with trees, shrubs etc. and a nursery is maintaining for further plantations. Photographs showing the same are provided at Annexure B. Details of the tree species planted as follows

| Sl No. | Scientific Name                               | Common Name                 | Family          |
|--------|---|-----------------------------|-----------------|
| 1      | <i>Cassia fistula</i> L.                      | Indian Laburnum/ Kanikkonna | Fabaceae        |
| 2      | <i>Mangifera indica</i> L.                    | Mango tree/ Mavu            | Anacardiaceae   |
| 3      | <i>Polyalthia longifolia</i> (Sonn.) Thwaites | Arnanamaram                 | Annonaceae      |
| 4      | <i>Terminalia catappa</i> L.                  | Badam                       | Combretaceae    |
| 5      | <i>Bauhinia tomentosa</i> L.                  | Manjamandaram               | Caesalpiniaceae |

➤ **Condition iv)**

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

Compliance:

Solar Energy devices such as solar lights and water heater were installed within the project area. A biogas plant was also established in the project area. Solar water heater and biogas plant are associated with canteen and are used for kitchen purposes. Solar lights were installed in different locations of the project area. Photograph showing the same is enclosed as Annexure B1.

➤ **Condition v)**

**In the 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 vi)**

**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 safe guard measures in a time bound and satisfactory manner.**

Compliance:

Would be complied

➤ **Condition vii)**

**All other statutory clearances shall be obtained, as applicable, by project proponents from the respective competent authorities.**

Compliance

All other statutory approvals required for the quarrying activity is obtained for the project. The details regarding the same along with the copy of the statutory approvals is provided at Annexure C1, C2 & C3.

| Sl. No. | Annexure | Name of the statutory approvals  |
|---------|----------|--|
| 1       | C1       | License to possess: (c) for use, explosives of class1, 2, 3, 4, 5, 6 or 7.         |
| 2       | C2       | Integrated consent to operate issued under Air act, 1981 and Environment act 1986. |
| 3       | C3       | License from Panchayat   |

➤ **Condition viii)**

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 ix)**

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:

Regarding the accordance of environmental clearance to the quarrying activity was advertised in two local newspapers and the copy of the same was submitted at SEIAA Kerala. . The copy of the advertisement is provided at Annexure D1 & D2. Details of the news paper advertisements are given below.

| Sl. No. | Annexure | Name of the News paper and edition                 | Dated             |
|---------|----------|--|-------------------|
| 1       | D1       | <b>Times of India (Thiruvananthapuram, Kollam)</b> | <b>23/12/2012</b> |
| 2       | D2       | <b>Mathrubhumi</b>                                 | <b>23/12/2012</b> |

➤ **Condition x)**

**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 letter was submitted to the Panchayat Office on 10.10.2013. The environmental clearance order is uploaded in the website of the company and it can be seen in the website [www.msand.in](http://www.msand.in). Receipt from the Panchayat Office stated that environmental clearance letter was received is enclosed as Annexure E.

➤ **Condition xi)**

**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:

First, second and third compliance report were submitted to the Directorate of Environment and Climate Change, Govt. of Kerala and also the Regional Office of MoEF, Govt. of India. Fourth compliance report is being submitted to Department of Environment and Climate change, Govt. of India both in hard copy as well as soft copy (CD and through mail).

➤ **Condition xii)**

**The proponent should provide affidavit 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 at Department of Environment and climate change on 23.12.2012 and the copy of the same is enclosed as Annexure No. F.

## ANNEXURE 1



കേരളം KERALA

AH 236965

### AFFIDAVIT

I, Thomas Jacob, Director & authorized signatory of M/s POABS Enterprises Pvt. Ltd. having its correspondence office at Kollai P.O., Chithara Village, Kollam, Kerala-691541 do hereby affirm and confirm as follows:-

1. That, M/s. POABS Enterprises Pvt. Ltd. running a Quarry Project at Survey Nos. 266/15, 266/24, 266/16-1, 266/16-2, 271/7-1, 271/7-2, 271/7-3, 272/5, 267/5, 268/2-1, 268/2-2, 268/3-2-1, 268/3-2-2, 268/5-2, 268/6, 268/7, 269/9-2, 268/8-1, 268/8-2, 268/4, 268/4-2, 268/4-3, 271/4 & 271/5, at Chithara Village & Panchayat, Kottarakkara Taluk, Kollam District, Kerala.
2. That, the eco-restoration including the mine closure plan will be done at our expenses.

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: Thiruvalla  
Date: 19.03.2014

*Solemnly affirmed and signed  
before me by the deponent who  
is personally known to me in  
my office at Thiruvalla on this  
the 19th day of March 2014.*

DEPONENT

Thomas Jacob  
Director  
M/s poabs Enterprises pvt. Ltd  
kollai p.o.  
Din - 691541

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

P. KRISHNAN KUTTY NAIR  
THIRUVALLA VENDOR



## **ANNEXURE 2**

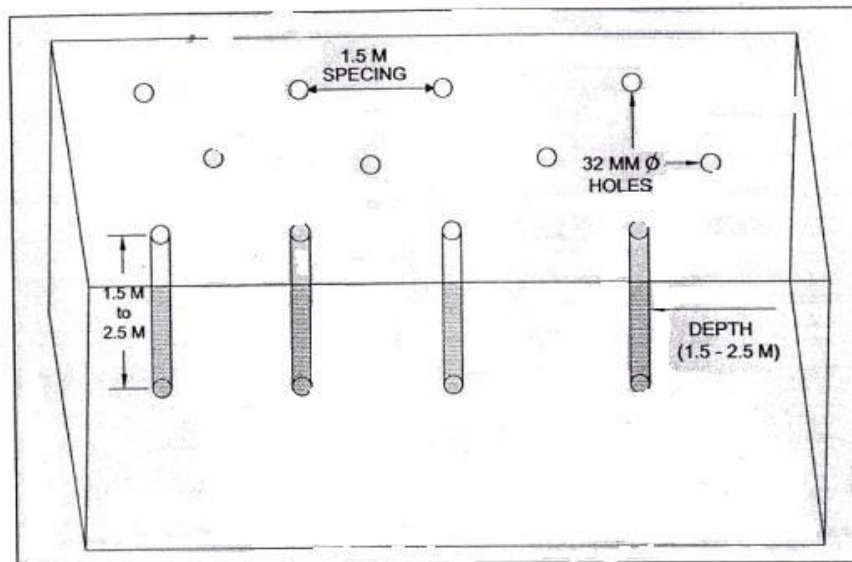


**Photographs showing top soil storage area**

## ANNEXURE 4

### 2.6.5 Drilling

The excavation of mineral is proposed by excavators. The mineral is fractured and easily exploitable by rock breakers and excavators. The hard strata are proposed to excavate after drilling and blasting. The cross-sectional view of drilling operations is shown below:-



#### Salient features of drilling

- About 30 to 50 holes per blast of 32 mm dia and to a depth of 2 to 2.5 m will be adopted
- It is estimated about 2 to 3 T production per hole
- Number of blasts per day depends upon the workable area and production to be achieved
- The spacing of 1.0 to 1.5m between the holes will be adopted
- About 250 g per hole of explosive will be used. However, 10 kg/blast will be adopted at any point of time
- Millisecond electric blasting will be adopted to limit the PPV and Noise levels within the stipulated standards.

#### **2.6.6 Blasting**

The controlled blasting is proposed by adopting all the safety measures as per "MMR 1961" and with the permission of DGMS.

In this area for fragmentation of granite the blasting will be conducted. Multiple blast holes of 1.0 to 1.5 m depth will be drilled with the help of 32 mm drill rod, Jack Hammer and Air Compressor of 100 cfm capacity.

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

##### **2.6.6.1 BLASTING SAFEGUARD**

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



## ANNEXURE 5



**Photographs showing garland drains within project sites to channelize storm water**

## ANNEXURE 6



**Photographs showing storm water channels with de-siltation trap (Check dam like)**



**POLUCHEM LABORATORIES (P) LTD.**

ANALYTICAL, CHEMICAL &amp; ENVIRONMENTAL LABORATORY

PALLATH BUILDING, N. KALAMASSERY P.O., ERNAKULAM -683 104

PHONE: 0484 - 3261174, 2544030, E-mail: poluchem@gmail.com

**ANNEXURE 7****'A' GRADE LABORATORY APPROVED BY KERALA STATE POLLUTION CONTROL BOARD AND ACCREDITED BY NABL****TEST REPORT**

Page 01 of 02

Ref.No. PL/RT/DW/09/2014

Name &amp; address of customer

Project Site

Date of Issue: 13/08/2014

: M/s Poabs Enterprises Pvt. Ltd, Kottarakkara, Kollam

: M/s. Poabs Enterprises Pvt Ltd, Sy.No.266/15, 266/24, 266/16-1

266/16-2, 271/7-1, 271/7-2, 271/7-3, 272/5, 267/5,

268/2-1, 268/2-2, 268/3-2-1, 268/3-2-2, 268/5-2, 268/6,

268/7, 269/9-2, 268/8-1, 268/8-2, 268/4, 268/4-2,

268/4-3, 271/4, 271/5

Chithara Village &amp; Panchayath, Kottarakkara Taluk,

Kollam Dist, Kerala.

Sample description

: Drinking water

Sample Code

: H/09/2014

Location of sampling

: Openwell water

Date of sample collected

: 05/08/2014

Date of analysis started

: 06/08/2014

Date of completion of analysis

: 12/08/2014

| Parameters tested                     | Test method           | Results      | Acceptable limit<br>As Per<br>IS 10500-2012 |
|---------------------------------------|-----------------------|--------------|---|
| Color                                 | IS 3025 (P) 04 – 1983 | 3 Hazen Unit | 5 Hazen Unit                                |
| Odour                                 | IS 3025 (P) 05 – 1983 | Agreeable    | Agreeable                                   |
| Turbidity                             | IS 3025 (P) 10 – 1984 | BDL          | 1 NTU                                       |
| pH                                    | IS 3025 (P) 11 – 1983 | 6.73         | 6.5 – 8.5                                   |
| Total Dissolved Solids                | IS 3025 (P) 15 – 1984 | 90 mg/l      | 500 mg/l                                    |
| Total Hardness as CaCO <sub>3</sub>   | IS 3025 (P) 21 – 1983 | 35.64 mg/l   | 200 mg/l                                    |
| Total Alkalinity as CaCO <sub>3</sub> | IS 3025 (P) 23 – 1986 | 22 mg/l      | 200 mg/l                                    |
| Residual Free Chlorine                | IS 3025 (P) 26 – 1986 | BDL          | Min 0.2 mg/l                                |
| Chloride as Cl                        | IS 3025 (P) 32 – 1988 | 17.99 mg/l   | 250 mg/l                                    |
| Calcium as Ca                         | IS 3025 (P) 40 – 1991 | 11.11 mg/l   | 75 mg/l                                     |
| Magnesium as Mg                       | IS 3025 (P) 46 – 1994 | 1.92 mg/l    | 30 mg/l                                     |
| Iron as Fe                            | IS 3025 (P) 53 – 2003 | 0.11 mg/l    | 0.3 mg/l                                    |
| Sulphate as SO <sub>4</sub>           | IS 3025 (P) 31 – 1988 | 20.05 mg/l   | 200 mg/l                                    |
| Fluoride as F                         | IS 3025 (P) 60 – 2008 | BDL          | 1 mg/l                                      |

Note: BDL – Below Detection Level

For Poluchem Laboratories (P) Ltd.

SREEJA  
Quality Manager  
Poluchem Laboratories (P) Ltd.

Authorized signatory

Analysis of Ambient air, Stack emission, Noise, Light, Water, Waste water / Effluent, Soil  
Tea, Spices, Oil, Fertilisers, Basic Chemicals etc; Pesticide Residue, Heavy Metals, Microbiology

**POLUCHEM LABORATORIES (P) LTD.**

ANALYTICAL, CHEMICAL &amp; ENVIRONMENTAL LABORATORY

PALLATH BUILDING, N. KALAMASSERY P.O., ERNAKULAM -683 104

PHONE: 0484 - 3261174, 2544030, E-mail: poluchem@gmail.com

**'A' GRADE LABORATORY APPROVED BY KERALA STATE POLLUTION CONTROL BOARD**

Page 02 of 02

Continuation of Test Certificate No: 09/2014

| Parameters tested | Test method | Results | Acceptable limit<br>As Per<br>IS 10500-2012 |
|-------------------|-------------|---------|---|
| Selenium as Se    | APHA 3111B  | BDL     | 0.01 mg/l                                   |
| Arsenic as As     | APHA 3111B  | BDL     | 0.01 mg/l                                   |
| Copper as Cu      | APHA 3111B  | BDL     | 0.05 mg/l                                   |
| Manganese as Mn   | APHA 3111B  | BDL     | 0.1 mg/l                                    |
| Cadmium as Cd     | APHA 3111B  | BDL     | 0.003 mg/l                                  |
| Chromium as Cr    | APHA 3111B  | BDL     | 0.05 mg/l                                   |
| Zinc as Zn        | APHA 3111B  | BDL     | 5 mg/l                                      |
| Mercury as Hg     | APHA 3111B  | BDL     | 0.001 mg/l                                  |
| Cyanide as CN     | APHA 4500 E | BDL     | 0.05 mg/l                                   |
| Lead as Pb        | APHA 3111 B | BDL     | 0.01 mg/l                                   |
| Aluminum as Al    | APHA 3500 D | BDL     | 0.03 mg/l                                   |
| Boron as B        | APHA 4500 B | BDL     | 0.5 mg/l                                    |

Note: BDL – Below Detection Level

**MICROBIOLOGICAL TESTS**

| Parameters               | Unit        | Results | Acceptable Limit<br>As per<br>IS – 10500-2012 |
|--------------------------|-------------|---------|---|
| Coliform Organisms/100ml | Index/100ml | Present | Shall not detectable in any<br>100 ml sample  |
| E coli                   | Index/100ml | Absent  | Shall not detectable in any<br>100 ml sample  |

For Poluchem Laboratories (P) Ltd.

SREEJA RAMESH  
Quality Manager  
Poluchem Laboratories (P) Ltd

Authorized signatory

Analysis of Ambient air, Stack emission, Noise, Light, Water, Waste water / Effluent, Soil  
Tea, Spices, Oil, Fertilisers, Basic Chemicals etc; Pesticide Residue, Heavy Metals, Microbiology



# ANNEXURE 8



## POLUCHEM LABORATORIES (P) LTD.

ANALYTICAL, CHEMICAL & ENVIRONMENTAL LABORATORY

PALLATH BUILDING, N. KALAMASSERY P.O., ERNAKULAM -683 104

NABL ACCREDITED  
Certificate No: T-1658

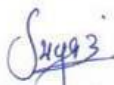
PHONE: 0484 - 3261174, 2544030, E-mail: poluchem@gmail.com

\*A' GRADE LABORATORY APPROVED BY KERALA STATE POLLUTION CONTROL BOARD AND ACCREDITED BY NABL

### TEST REPORT

|   |                             |  |
|---|-----------------------------|--|
| Client Name & Address<br><br>M/s Poabs Enterprises Pvt. Ltd<br>Kottarakkara,<br>Kollam. | Certificate No:             | PL/EW/RT/13/2014   |
|   | Date of issue:              | 13/08/2014   |
|   | Date of monitoring          | 04/08/2014 12.30 Hrs to 05/08/2014 12.30 Hrs   |
|   | Date of sample received:    | 06/08/2014   |
|   | Date of analysis            | 07/08/2014   |
|   | Monitoring Location         | M/s. Poabs Enterprises Pvt Ltd.<br>Sy.No.266/15,266/24,266/16-1,266/16-2,271/7-1,271/7-2,271/7-3,272/5,267/5,268/2-1,268/2-2,268/3-2-1,268/3-2-2,268/5-2,268/6,268/7,269/9-2,268/8-1,268/8-2,268/4,268/4-2,268/4-3,271/4,271/5<br>Chithara Village & Panchayath,<br>Kottarakara Taluk, Kollam Dist, Kerala |
|   | Sample description          | Ambient air – Near east side boundary  |
|   | Sample code given by client | Nil  |
|   | Sample identification No:   | G/H/13/14  |

| SL NO | PARAMETERS                              | TEST METHOD          | RESULTS                | LIMITS                |
|-------|---|----------------------|------------------------|-----------------------|
| 01    | Particulate Matter (PM <sub>10</sub> )  | I S 5182 Part 4 1999 | 47.2 µg/M <sup>3</sup> | 100 µg/M <sup>3</sup> |
| 02    | Particulate Matter (PM <sub>2.5</sub> ) | CPCB                 | 23.7 µg/M <sup>3</sup> | 60 µg/M <sup>3</sup>  |
| 03    | Sulphur dioxide                         | I S 5182 Part 2 2001 | 2.7 µg/M <sup>3</sup>  | 80 µg/M <sup>3</sup>  |
| 04    | Nitrogen dioxide                        | IS 5182 Part 06 1975 | 3.2 µg/M <sup>3</sup>  | 80 µg/M <sup>3</sup>  |

|   |   |
|---|---|
| The results are related only to the sample collected for analysis. This certificate shall not be reproduced except in full and without the written permission with authorized signatory | For and on behalf of<br>POLUCHEM LABORATORIES (P) LTD.<br><br><br>AUTHORIZED SIGNATORY |
|---|---|

SREEJA  
Quality Manager  
Poluchem Laboratories (P) Ltd.

Analysis of Ambient air, Stack emission, Noise, Light, Water, Waste water / Effluent; Soil Tea, Spices, Oil, Fertilisers, Basic Chemicals etc; Pesticide Residue, Heavy Metals, Microbiology

# ANNEXURE 8A



## POLUCHEM LABORATORIES (P) LTD.

ANALYTICAL, CHEMICAL & ENVIRONMENTAL LABORATORY  
PALLATH BUILDING, N. KALAMASSERY P.O., ERNAKULAM - 683 104  
PHONE: 0484 - 3261174, 2544030, E-mail: poluchem@gmail.com

'A' GRADE LABORATORY APPROVED BY KERALA STATE POLLUTION CONTROL BOARD

### TEST REPORT

|  |                     |   |
|--|---------------------|---|
| Client Name & Address<br><br>M/s Poabs Enterprises<br>Pvt. Ltd<br>Kottarakkara,<br>Kollam. | Certificate No:     | PL/SD/RT/3655/2014  |
|  | Date of issue:      | 13/08/2014  |
|  | Date of monitoring  | 04/08/2014 12.30 Hrs to 05/08/2014 12.30 Hrs  |
|  | Monitoring Location | M/s. Poabs Enterprises Pvt Ltd.<br>Sy.No.266/15,266/24,266/16-1,266/16-2,271/7-1,271/7-2,271/7-3,272/5,267/5,268/2-1,268/2-2,268/3-2-1,268/3-2-2,268/5-2,268/6,268/7,269/9-2,268/8-1,268/8-2,268/4,268/4-2,268/4-3,271/4,271/5.<br>Chithara Village & Panchayath,<br>Kottarakkara Taluk, KollamDist, Kerala |
|  | Sample Description  | Ambient Sound Level (Leq)   |

| Monitoring Location     | Time      | Results     |
|-------------------------|-----------|-------------|
| Near east side boundary | 12.30 Hrs | 47.2 dB (A) |
|                         | 13.30 Hrs | 46.8 dB (A) |
|                         | 14.30 Hrs | 45.7 dB (A) |
|                         | 15.30 Hrs | 46.1 dB (A) |
|                         | 16.30 Hrs | 44.6 dB (A) |
|                         | 17.30 Hrs | 42.3 dB (A) |
|                         | 18.30 Hrs | 40.9 dB (A) |
|                         | 19.30 Hrs | 40.5 dB (A) |
|                         | 20.30 Hrs | 40.1 dB (A) |
|                         | 21.30 Hrs | 39.6 dB (A) |
|                         | 22.30 Hrs | 39.2 dB (A) |
|                         | 23.30 Hrs | 38.7 dB (A) |
|                         | 00.30 Hrs | 38.1 dB (A) |
|                         | 01.30 Hrs | 37.6 dB (A) |
|                         | 02.30 Hrs | 36.9 dB (A) |
|                         | 03.30 Hrs | 37.2 dB (A) |
|                         | 04.30 Hrs | 39.8 dB (A) |
|                         | 05.30 Hrs | 40.9 dB (A) |
|                         | 06.30 Hrs | 41.6 dB (A) |
|                         | 07.30 Hrs | 44.3 dB (A) |
|                         | 08.30 Hrs | 48.7 dB (A) |
|                         | 09.30 Hrs | 50.2 dB (A) |
|                         | 10.30 Hrs | 51.3 dB (A) |
|                         | 11.30 Hrs | 51.8 dB (A) |
| Leq(Day time)           |           | 46.4 dB (A) |
| Leq(Night time)         |           | 38.1 dB (A) |

For Poluchem Laboratories (P) Ltd.

SREEJA RAMESH  
Quality Manager  
Poluchem Laboratories (P) Ltd.

Authorized Signatory

Analysis of Ambient air, Stack emission, Noise, Light, Water, Waste water / Effluent, Soil  
Tea, Spices, Oil, Fertilisers, Basic Chemicals etc; Pesticide Residue, Heavy Metals, Microbiology



## ANNEXURE 9



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

## ANNEXURE A



**Photographs showing the rainwater harvesting system in the project area**



## **ANNEXURE B**



**Photographs showing tree planted around parking areas and road sides**

## **ANNEXURE B1**



**Photograph showing the Solar Energy device within the project area**



# ANNEXURE C1

Page 1 of 1

## LICENCE FORM LE-3

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

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

Licence No. : E/SC/KL/22/1537(E64133)  
Annual Fee Rs 2500/-

अनुज्ञप्ति प्रमाणित  
LICENCE ENDORSED

ड.मु.वि.नि. एरनाकुलम  
D. C. C. E., Ernakulam



- Licence is hereby granted to **Shri. JOSEPH JACOB, Managing Director, (Occupier : Joseph Jacob, Managing Director, Poabs Enterprises Pvt Ltd)**  
**M/s. POABS ENTERPRISES PVT LTD., Kuttoor Post, Tiruvalla,, Town/Village - Tiruvalla**  
**District-PATHANAMTHITTA, State-Kerala, Pincode - 689106**

- Status of licensee : **Company**
- Licence is valid only for the following purpose : possess for use of **Nitrate Mixture, Safety Fuse, Ordinary Detonator, Electric Detonators,**
- (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                     | 300 Kg.                  |
| 2.      | Safety Fuse          | 6,1              | 0                     | 5000 Mtrs                |
| 3.      | Ordinary Detonator   | 6,3              | 0                     | 2000 Nos.                |
| 4.      | Electric Detonators  | 6,3              | 0                     | 10000 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.**

- The licensed premises shall conform to the following drawing(s):  
Drawing No : E/SC/KL/22/1537(E64133) dated : 13/02/2013
- The licensed premises are situated at following address:  
**Survey No. 268/5/2 of Block No.56 , Town/Village : Chithara(v), Kottarakkara-Taluk**  
**Police Station : Kollam**  
**PinCode : 691541**  
**Phone : 04743294866**  
**District : KOLLAM**  
**E-Mail : mail@poabs.com**  
**State : Kerala**  
**Fax :**
- The licensed premises consist of following facilities : **Type A. magazine-Lobby, HE and Detonator rooms**
- 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 2016**

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.

Joint Chief Controller of Explosives  
South Circle, Chennai

The Date : 13/02/2013

Endorsement for renewal of licence

Date of Renewal Date of Expiry

Signature of licensing authority

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

2/15/2013

\\000111\Exp\Explosives\licenceLE3.asp



GOVERNMENT OF INDIA  
MINISTRY OF COMMERCE & INDUSTRY  
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION (PESO)  
(Formerly Department of Explosives)  
No.140, Rukmini Laxmipati Road,  
Marshall's Road, Egmore, Chennai 600008  
Tele: 28514848 Fax: 28514848  
Email: jtccechennai@explosives.gov.in

No.: E/SC/KL/22/1537(E64133)

Dated: 27/06/2013

To,  
Mr. JOSEPH JACOB, Managing Director,  
M/s. POABS ENTERPRISES PVT LTD., Kuttuor Post, Tiruvalla, Town/Village - Tiruvalla  
District-PATHANAMTHITTA, State-Kerala, Pincode - 689106

Subject: Possession for Use of Explosives from magazine situated at Survey No.:268/5/2 of Block No.56, Chithara  
(v), Kottarakkara-Taluk, Dist. KOLLAM, Kerala - Licence No.: E/SC/KL/22/1537(E64133) granted in Form LE-3 of  
Explosives Rules, 2008 -  
Amendment of Quantity of Explosives/Monthly Purchase Limit .

Sir(s),

Please refer to your letter No. x dated 24/06/2013 on the subject cited above

The Licence No. E/SC/KL/22/1537(E64133) is duly amended in respect of,

**Quantity of Explosives/Monthly Purchase Limit**

and forwarded herewith,


The licence capacity at any one time shall not exceed the kinds and quantities mentioned below :

| No | Explosive(s)        | Class | Div | Sub Div | Capacity | Unit |
|----|---------------------|-------|-----|---------|----------|------|
| 1  | Nitrate Mixture     | 2     | 0   | 0       | 300      | Kg.  |
| 2  | Safety Fuse         | 6     | 1   | 0       | 5000     | Mtrs |
| 3  | Ordinary Detonator  | 6     | 3   | 0       | 2000     | Nos  |
| 4  | Electric Detonators | 6     | 3   | 0       | 10000    | Nos  |

Quantity of explosives to be purchased in a calendar month [applicable for licence under article 3(b) and (c)] **20 times as above.**This Licence shall remain valid till **31st day of March 2016.**An amount of **Rs. 500/-** balance is in your credit, which may be utilized for future transaction by quoting this reference.

For further renewal of licence, please follow the procedure under Rule 112 of Explosives Rules, 2008.  
Receipt of this letter may please be acknowledged.

**Enclosures :**

  
Yours faithfully,  
(K Sundaresan)  
Controller of Explosives  
For Joint Chief Controller of Explosives  
South Circle, Chennai

Copy Forwarded to:

1. The Dy. Chief Controller of Explosives, Kochi.
2. District Magistrate, KOLLAM, Kerala with reference to his Noe No: No.D.Dis/55387/11-M7 Dated: 10/12/2012.
3. Superintendent of Police, KOLLAM, Kerala

For Joint Chief Controller of Explosives  
South Circle, Chennai

[For more information regarding status, fees and other details, please visit our web site <http://peso.gov.in>]

## ANNEXURE C2

Phone: 0474-2762117  
Fax: 0474-2762117  
E-mail: kspcb kollam@yahoo.com  
www.keralapcb.org



### KERALA STATE POLLUTION CONTROL BOARD

കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡ്

DISTRICT OFFICE

ജില്ലാ ഓഫീസ്

USHUS BUILDING, BIG BAZAR, KOLLAM - 691 001

ഉഷസ് ബിൽഡിംഗ്, ബിഗ് ബാസാർ, കൊല്ലം - 691 001

Registered with A/D

FILE No. - PCB/KO/CTO/G/280/2013

### INTEGRATED CONSENT TO OPERATE

ISSUED UNDER

Air (Prevention & Control of Pollution) Act, 1981  
&  
Environment (Protection) Act, 1986.

TO

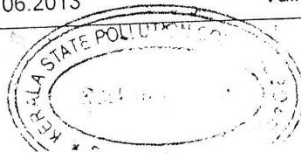
Consent No: PCB/KO/CTO/F/281/2013

✓Shri. Joseph Jacob,  
Managing Director,  
Poab's Enterprises Pvt Ltd,  
Chakkamala,  
Kolayail P.O.,  
Chithara

(M/s. Poab's Rock Quarry, Survey no. 266/5, 24,16-  
1,16-2, 271/7-1,7-2,7-3, 272/5,267/5, 268/2-1,2-2,3-  
2-1,3-2-2,5-2, 6,7, 4-2, 4-3, Chithara village)

Date of Issue: 12.06.2013

Validity: 31.12.2015



Environmental Engineer  
Kerala State Pollution Control Board  
Kollam - 691 001

# ANNEXURE C3

|   |  |
|---|--|
|    |  |
| നമ്പർ <u>A2-10901/12 C1757</u> <u>ചിത്ത</u> (ഗ്രാമ പഞ്ചായത്ത്)  |  |
| 1994 ലെ കേരളാ പഞ്ചായത്ത് രാജ് ആക്ട് (1994 ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകൾ പ്രകാരവും അതേ തുടർന്നുള്ള പട്ടണലും അനുസരിച്ചു കൊടുത്ത |  |
| <b>ലൈസൻസ്</b>   |  |
| ലൈസൻസുടമസ്ഥന്റെ പേരും മേൽവിലാസവും   | <u>ശ്രീ. ജോസഫ് ജോർജ്</u><br><u>മാർക്കറ്റിംഗ് ഡയറക്ടർ</u><br><u>പോസ്റ്റ് ഓഫീസ് ഓഫീസർ (റവന്യൂ)</u><br><u>കൂട്ടായ്മ മിഷൻ പ്രൈവറ്റ് ലിമിറ്റഡ്</u>          |
| എന്താവശ്യത്തിന് ലൈസൻസ് അനുവദിച്ചു എന്ന്   | <u>290 സാമ്പിൾ ഉത്പാദന നിർമ്മാണത്തിനായി</u><br><u>നിർമ്മാണം</u>  |
| കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും   | <u>CP IX Sy No: 297/2-2-2, 207/23</u><br><u>2-4</u>  |
| ലൈസൻസിന്റെ കാലാവധി  | <u>31 03 2013</u>  |
| ലൈസൻസ് ഫീസ്   | <u>24000/- രൂപ</u> — പൈസ   |
| നിമർശനം   | <u>30.09.2012 ന് നൽകിയ കരാർ പ്രകാരം</u><br><u>2012 ന് നൽകിയ കരാർ പ്രകാരം</u><br><u>2012 ന് നൽകിയ കരാർ പ്രകാരം</u><br><u>2012 ന് നൽകിയ കരാർ പ്രകാരം</u> |
| <u>ചിത്ത</u> (ഗ്രാമ പഞ്ചായത്ത്)   |  |
| തീയതി <u>15/10/2012.</u>  |   |



# Trouble in a can

## Housewife's Death In Aluva Following Burns She Suffered In A Canister

and large sizes. "The Santa caps and masks keep the

The price of Santa caps range from Rs 20 to 80.

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- Video Conferencing Facility
- Continuous Online Mentoring.
- Faculty
- Extensive Corporate Tie-ups
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For graduates in any discipline with 50% marks.  
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**APPLICATION PROCEDURE**  
For application forms & prospectus, send a Demand Draft of Rs.1100/- to: IMT-CDL, A-16, Sector-3 UPSIDC Industrial Area, Veerut Road, Ghaziabad in favour of IMTCDL, payable at Delhi. You can also Apply Online at [www.imtcdl.ac.in](http://www.imtcdl.ac.in). Forms also available at Information Centres.  
E-mail: [newadmission@imtcdl.ac.in](mailto:newadmission@imtcdl.ac.in) Tel: 0120-6737744

**INFORMATION CENTRES:** GHAZIABAD (Head Office): 3015455; 7807/497/493; Delhi (CP): 9711005080, Noida (Sector-62): 221811337, 9830326491; Mumbai (Navi Mumbai): 40809248, 93228737316; Nagpur: 32727228, 9923504888, Haldwari: 2222222222, 9890000000; Jaipur: 2222222222, 9890000000; Ahmedabad: 9371576568, 9371576569; Bangalore: 32512000, 9845800775; Bhubaneswar: 24366536, 9861061075.  
E-mail: info@icrc.org

## NOTICE

This is to inform to the General Public that the proposed quarry project at Chithara Village Panchayat, Kottaram Taluk, Kollam District, Kerala being developed by M/s Poos Enterprises Pvt. Ltd. is in accordance with ENVIRONMENTAL CLEARANCE by State Environment Impact Assessment Authority Kerala vide Order No. 3/SEIAA/KL/0300/2012 dt. 14-12-2012 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.seiaa Kerala.com](http://www.seiaa Kerala.com)

**NOTICE**

This is to inform to the General Public that the proposed quarry project at Perendokda Village, Thiruvananthapuram District, Thiruvananthapuram District, Kerala, Thiruvananthapuram District, India, being developed by M/s Poobha Engineering PVT. Ltd. is accorded with GREEN PINK CLEARANCE by the State Environment Impact Assessment Authority, Kerala vide Order No. 17/757/SEIAA/6092/2012 dt. 14-12-2012 and the copy of the Environmental Clearance is available with the office of the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at [www.eiaa.kerala.gov.in](http://www.eiaa.kerala.gov.in)

**Exam timetable:** The timetable for the fifth semester LLB (three-year), ninth semester LLB (five-year) to begin from January 3 and second semester MSc computer science exam to begin from January 4 at the Institute of distance education is available in the website [www.keralajaluniversity.ac.in](http://www.keralajaluniversity.ac.in).

## THE CONTRACT OF POLICE

# TENDER NOTICE

31/2012

Date: 22.12.2012

**A MEDICAL SERVICES CORPORATION LTD**

**DEPARTMENT OF HEALTH & FAMILY WELFARE, GOVT. OF KERALA,  
Head Office : Thycaud, Thiruvananthapuram-14,**

mailto:taladrugs@kmscl.kerala.gov.in, website : [www.kmscl.kerala.gov.in](http://www.kmscl.kerala.gov.in)

## Controversial win for Juve

**Milan:** Defending champion Juventus scored two stoppage

glant in Serie A on Friday

MURRO VUCINIC sealed the result following two goals from former Cagliari striker Alessandro Marrì — the decisive second after an apparent handball by Gaetano Castrovilli.

## Kashyap, Sindhu in maiden GP final

Asheem Mukereji | TNA

**Lucknow:** P Kashyap and PV Sindhu carried Indian hopes into the finals of the Syed Modi

they play their maiden Grand Prix final at the BBD Academy here on Sunday.

**SYED MODI GRAND PRIX GOLD**

India's top player Kashyap had to overcome a tough resistance from Tremmiv Sirtartu he-

day wigan, third from bottom, had the best chance of a poor first half when Arouna Kone sprinted through on goal but dragged a left-

was denied by Arsenal's Polish keeper Wojciech Szczesny and Dave Jones thumped a shot narrowly by wide of the upright with Szczes-

Wigan remain in the relegation zone after their fourth defeat in their last five league games. **Reverses**

minute to set them on their way to a 4-2 home win over Getafar in the earlier kickoff. REUTERS

At Hubli | Haryana 293/7  
Alli Mutaza 49 no, R Malolan  
3-83) vs TN  
Kali 68, Praveen Gupta 46 no

2-26) vs Assam  
At Age 18  
Goa vs Tripura  
No play, bad light







**ANNEXURE E**

**Chithara Grama Panchayat**

Kizhakkumbhagam, Chithara PO, Pin: 691559

Date: 01/02/2014

No. A2-8596/13

From

Secretary

To

The Manager

Poabs Enterprises Pvt Ltd

Madathara


Sir,

Sub: Environmental Clearance Certificate - regarding

Ref: Your letter dated 31/01/2013.

This is to Inform you that an Environmental Clearance Certificate with no: 35/SEIAA/ KL/6090/2012 dated 14/11/2012 was received at this office on 27/05/2013 as part of an application for D & O License.



  
SECRETARY  
CHITHARA GRAMAPANCHAYATH  
KOLLAM DIST. KERALA INDIA  
Mob: 9048456340

## ANNEXURE F



കേരളം KERALA

P 788360

### AFFIDAVIT

I, Thomas Jacob, Director & authorized signatory of M/s Poabs Enterprises Pvt. Ltd. having its correspondence office at Kollai P.O., Chithara Village, Kollam, Kerala-691541 do hereby affirm and confirm as follows:-

1. That, M/s. Poabs Enterprises Pvt. Ltd. proposes to develop a Quarry Project at Chithara Village & Panchayat, Kottarakkara Taluk, Kollam District, Kerala.
2. 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.

  
DEPONENT

Place : Kollam

Date : 23.12.2012

No - 42613 Rs 100/-

19.12.12

Mr. Thomas Jacob  
Director, Poabs Enterprises Pvt. Ltd.  
Kollai P.O., Chithara

