

**COMPLIANCE REPORT TO THE CONDITIONS OF
ENVIRONMENTAL CLEARANCE**

ORDER NO:

946/SEIAA/EC1/4152/2015

DT.16-082017

BY

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

FOR

THE 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**

(October, 2018 – March, 2019)

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 16-08-2017. 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 April, 2018 – September, 2018 is being submitted.

PART A – SPECIFIC CONDITIONS**➤ Condition 1**

If any plant species endemic to Western Ghats are noticed in the area, they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.

✓ Compliance

We are properly protecting the plant species that are endemic to Western Ghats in situ or by transplanting to an appropriate location.

PART B – GENERAL CONDITIONS**➤ Condition 1**

Rainwater harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR unless otherwise specified.

✓ Compliance

An abandoned excavated mine pit is using as rainwater storage system having the capacity of 12000000 liters. Photograph showing the same is enclosed as Annexure 1.

Details of the rainwater harvesting system are as follows.

Sl.No.	Type	Length (m)	Width (m)	Height (m)	Capacity (L)
1	Excavatedmine 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 since starting of the project 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.

Sl. No.	Post	Name
1	Headofthemonitoringcell (Managing Director of the Company)	Mr. K.AAbraham
2	Head in charge (Environment)	Mr. Girish Menon
3	Senior EnvironmentalOfficer	Dr. Rinoy Varghese
4	Environmental Officer	Mr. Navin Xavier
5	Name of the environmental officer in charge atsite	Mr. Jacob CA
6	Name of the officer Environment,	Mr. Mathew

	Health and safety at site.	
7	Name of the Asst. officer of Environment, Health and safety at site	Mr. Raghu
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, including approach road and internal roads.

✓ **Compliance**

In the side of the tarred road and open parking areas are almost covered by vegetation and the vacant spaces including the sides of approach road and other places near to the project area has planted with tree saplings. The photographs showing the same are attached as Annexure No.2.

➤ **Condition 4**

Maximum possible solar energy generation and utilization shall done at the own cost of the project proponent.

✓ **Compliance**

The Company has integrated solar devices for energy generation and utilization in connection with the present project. A total of ten solar lights has erected along the road sides, magazine area, office area, crusher units etc. Solar heaters have provided in the canteen and are used for water boiling. Photographs showing solar

energy devices are given in Annexure 3.

➤ **Condition 5**

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

✓ **Compliance**

For the suppression of the dust generated during Crushing & Screening operation, Company has installed fixed water sprinkling systems in the Crushing units. Dust emission during drilling will be reduced using wet sack. The road system of the project site, approached road and other connected roads has been watering daily by sprinkler system installed in tipper lorry since the starting of the project. Photographs showing sprinkler system installed in the crusher unit and tipper lorry is given in Annexure 4.

➤ **Condition 6**

Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.

✓ **Compliance**

Eco-restoration including the mine closure plan will be performing at our own cost. Following the closure of the mine, ten percent of the excavated area will be retained as water storage area. It is proposed to develop a green belt in the remaining area after reclaimed with stacked dumping and overburden. As part of the same, we have stored the top soil and overburden in a prefixed area and started planting. Ten percent of the excavated pit area will maintain as water storage area.

➤ **Condition 7**

At least 10 percent out of the total excavated pit area should be retained as water storage area and the remaining area should be reclaimed with stacked dumping and overburden and planted with indigenous plant species that are eco-friendly, if no other

specific condition on reclamation of pit is stipulated in the E.C.

✓ **Compliance**

Following to the closure of the mine, ten percent of the excavated pit area will retain as water storage area. It is proposes to develop a green belt in the remaining area with indigenous plant species after reclaimed with stacked dumping and overburden. Grass and Shrub species with strong root system will plant in the areas prone to erosion especially at the foot of the hill.

➤ **Condition 8**

Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.

✓ **Compliance**

As part of the Corporate Social Responsibility, the amount proposed by the company has been spending for various social activities. The registers regarding CSR were maintained in the company office as record.

➤ **Condition 9**

The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mining. All the boundary indicators (boards, stores, markings, etc.) shall be protected at all times and shall be conspicuous.

✓ **Compliance**

Barbed metal wire fencing has installed around the mining area with a height of 4 ft to prevent falling of animals/human/belongings/dumping of garbage's etc. All the boundary indicators (boards, stores, markings, etc.) will be protected.

➤ **Condition 10**

Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulation of Explosive Department.

✓ **Compliance**

Warning alarm has installed in the project area and maintaining properly. The blasting time has fixed and is between 1.0pm and 2.0pm. A danger board indicating blasting time has installed in the project site.

➤ **Condition 11**

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

✓ **Compliance**

Noise pollution

Mitigation measures Implemented

The major noise generating source from the mining 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.
- ✓ Personal protective devices i.e., earmuffs, ear plugs etc. are provided to the workers working in high noise areas.
- ✓ Maintain a wide green belt of dense foliage between mine areas and residential colonies.
- ✓ The mining area is working only during day times.
- ✓ Noise quality is checking periodically. The sound levels are monitored through an NABL accredited laboratory during the quarry in operation and the monitored results are well within the permissible limits.

Blast vibrations and control measures

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

➤ **Condition 12**

Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.

✓ **Compliance**

Quarrying activities are carrying out only during day time.

➤ **Condition 13**

Blasting should be in a controlled manner as specified by the regulations of Explosive 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 daytime 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 14

A licensed person should supervise/ control the blasting operations.

✓ Compliance

Licensed person is supervising/controlling the blasting operations.

➤ Condition 15

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

✓ Compliance

Access road to the quarry has tarred and maintaining well to contain dust emissions that may arise during transportation of materials. The photographs

showing the same is given in Annexure 5.

➤ **Condition 16**

Overburden materials should be managed within the site and used for reclamation of mine pit as per mine closure plan/ specific condition.

✓ **Compliance**

The excavated top soil has been storing separately in a prefixed location. Photograph showing the same is enclosed as Annexure 6.

➤ **Condition 17**

Height of the benches should not exceed 5m, and width should not be less than 5m, if there is no mention in the mining plan/ specific condition.

✓ **Compliance**

Present quarry operation is carrying out in the form of benches. Now we are managing the height of the benches as per the mining plan. The photograph showing our current working is shown as Annexure No.7.

➤ **Condition 18**

Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.

✓ **Compliance**

Mats to prevent fly rock during blasting will be arranged shortly. Various safety measures have been set down to prevent fly rocks across the lease area. Safety measures include no blasting during unfavorable weather conditions, maintain optimum delay sequence and stem to column ratio etc. Moreover, we are using NONEL for blasting.

✓ **Condition 19**

Maximum depth of mining from general ground level at site shall not exceed 10 m.

➤ **Compliance**

Mining depth will not exceed beyond 10m from general ground level.

➤ **Condition 20**

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

✓ **Compliance**

Mining activities will not carry out at regions having a slope greater than 45°.

➤ **Condition 21**

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

✓ **Compliance**

The entire project area has covered by thick green belt in addition to the provisions of hollow brick envelop for crushers and this will reduce sound amplifications produced during crushing activities. The noise level is limiting within the prescribed standards given by CPCB/KSPCB.

➤ **Condition 22**

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

✓ **Compliance**

All workers have provided with personal protective devices such as earmuffs, ear plugs, helmet etc. at the site.

➤ **Condition 23**

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

✓ Compliance

From entire lease area, storm water is channelizing in to an excavated pit and stored the storm water in it. During this storage all the debris/slit in the storm water are sedimented in to the bottom of the pit. Overflow from the storm water collected pit is opened in to Garland drains which entering to the main stream.

➤ Condition 24

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

✓ Compliance

To control dust emissions during transportation, trucks are covered after loading with tarpaulin sheets. Different other precautions also set down to control dust emissions are; trucks are not overloading and the loads are maintained to the body level etc.

➤ Condition 25

The proponent should plant at least 5 times of the loss that has been occurred while clearing the land for the project.

✓ Compliance

We have started planting tree saplings in the vacant areas inside as well as near to the lease area. We will plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.

➤ Condition 26

Disposal of spend oil from diesel engines should be as specified under relevant rules/regulations.

✓ Compliance

Disposal of spent oil from diesel engines is carrying out under relevant rules/regulations.

➤ **Condition 27**

Explosive should be stored in magazines in isolated place specified and approved by the Explosive Department.

✓ **Compliance**

Explosives are storing in magazines built in an isolated place specified and approved by the Explosives Department.

➤ **Condition 28**

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

✓ **Compliance**

Distance of 100m from the boundary of the quarry to the nearest dwelling unit or other structures has provided.

➤ **Condition 29**

100 m buffer distance should be maintained from forest boundaries.

✓ **Compliance**

Would be complied

➤ **Condition 30**

Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating mining activity.

✓ **Compliance**

Consent from Kerala State Pollution Control Board under Water and Air Act(s) has obtained. Consent Order from Kerala State Pollution Control Board is attached as Annexure 8.

➤ **Condition 31**

All other statutory clearances should be obtained as applicable by project proponents from the respective competent authorities including that 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 are enclosed as Annexure 9 and 10. Details of statutory approvals are given below.

Sl. No.	Annexure	vals
1	9	License from Panchayat
2	10	License to possess: (c) for use, explosives of class 1, 2, 3, 4, 5, 6 or 7.

➤ **Condition 32**

In the case of any change(s) in the scope of the project, extent quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts are assessed, based on which only the E.C. is issued, the project would require a fresh appraisal by this Authority for which the proponent shall apply and get the approval of this authority.

✓ **Compliance**

Would be complied

➤ **Condition 33**

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

✓ **Compliance**

Would be complied

➤ **Condition 34**

The stipulation by the statutory authorities under different acts and notifications should be complied with including the 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 35**

The project Proponent should advertise in at least two local newspapers widely circulated in the region one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Environmental Impact Assessment Authority (SEIAA) office and may also be seen on the website of the Authority at www.seiaa.kerala.org. The advertisement should be made within 10 days from the date of receipt of the clearance letter and the copy of the same signed in all pages should be forwarded to the office of the Authority as confirmation.

✓ Compliance

Regarding the accordance of environmental clearance to the quarrying activity has advertised in two local newspapers and the copy of the same was submitted to SEIAA Kerala. The copies of the advertisements are provided at Annexure 11 & 12. Details of the newspaper advertisements are given below.

Sl. No.	Annexure	Name of the Newspaper	Dated
1	11	New Indian Express	27/08/2017
2	12	Mathrubhumi	27/08/2017

➤ Condition 36

A copy of the clearance letter shall be send 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/ representationsif any, were received while processing the proposal. The Environmental Clearance 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 Annexure13. 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

➤ Condition 37

The proponent shall submit half yearly reports on the status of compliance of the

stipulated E.C. conditions including results of monitored data (both in hard copies as well as by e- mail) and upload the status of compliance of the stipulated E.C. conditions, including result of monitored data on website and shall update the same periodically. It shall simultaneously be send to the respective Regional office, of MOEF, Govt. of India and also to the State Environmental Impact Assessment Authority (SEIAA) office.

✓ **Compliance**

Third compliance report is being submitted to SEIAA, Department of Environment and Climate change, Govt. of Kerala and Regional Office of MoEF, Govt. of India both in hard copy as well as soft copy (CD).

➤ **Condition 38**

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

✓ **Compliance**

Details of the environmental clearance prominently displayed in a metallic board of 3 ft x 3 ft with green back ground and yellow letters of Times New Roman fond has installed.

➤ **Condition 39**

The proponent should provide notarized affidavit (indicating the number and date of environmental clearance proceedings) that all the conditions stipulated in the E.C. shall be scrupulously followed.

✓ **Compliance**

An affidavit stating that all the conditions stipulated in the Environmental clearance will be scrupulously followed has submitted to Department of Environment and climate

change and the copy of the same is attached at Annexure 14.

➤ **Condition 40**

No change in mining technology and scope of work should be made without prior approval of the SEIAA, No further expansion or modifications in the mines shall be carried out without prior approval of the SEIAA, as applicable.

✓ **Compliance**

We will not make any change in mining technology and scope of work without prior approval of the SEIAA and further expansion or modifications in the mines will not be carried out without prior approval of the SEIAA.

➤ **Condition 41**

The project proponent shall ensure that no natural water course and/or water recourses shall be obstructed due to any mining operations. Necessary safe guard measures to protect the first order streams if any, originated from the mine lease shall be taken.

✓ **Compliance**

We ensure that no natural water course and/or water recourses has not obstructed due to any mining operations. There is no first order streams originated from the mine lease.

➤ **Condition 42**

Monitoring of Ambient Air Quality to be carried out based on the notification 2009, as amended from the time to time by the Central Pollution Control Board. Water sprinkling should be increased at places loading and unloading points and transfer points to reduce fugitive emission.

✓ **Compliance**

We are carrying out monitoring of Ambient Air Quality based on the notification 2009, as amended from the time to time by the Central Pollution Control Board.

Water sprinkling has installed at places via loading and unloading points and transfer points to reduce fugitive emission.

➤ **Condition 43**

The top soil, if any, shall be temporarily be stored at earmarked site(s) only for the top soil shall be used for land reclamation and plantation. The overburden generated during the mining operation shall be stacked at earmarked dump site(s) only. The maximum height of the dump shall not exceed 8m and width 20m and overall slope of the dump shall be maintained to 45°. The O.B. dump should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for the stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated area should continue until the vegetation become self-sustaining.

✓ **Compliance**

The area has earmarked for dumping the overburden generated during the mining operation. The maximum height of the dump will not exceed 8m and width 20m and overall slope of the dump has maintained to 45°. The O.B. dump has scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, we will use geo textiles undertaken for the stabilization of the dump. The entire excavated area will be backfilled. We will monitor and manage the rehabilitated area until the vegetation become self-sustaining.

➤ **Condition 44**

Catch drains and siltation ponds of appropriate site shall be constructed around the mine working mineral and O.B. dumps to prevent runoff water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly

desilted particularly after monsoon and maintained properly.

✓ **Compliance**

Catch drains and siltation ponds of appropriate site has provided around the mine working, mineral and O.B. dumps to prevent runoff water and flow of sediments directly into the river and other water bodies. The water so collected are using for watering the mine area, roads, green belt development etc. The drains are regularly desilted particularly after monsoon and maintained properly.

➤ **Condition 45**

Effective safe guard measures such as regular water sprinkling shall be carried out in critical areas porm to air pollution and having high levels of PM₁₀ and PM₂₅ such as haul road loading and uploading points and transfer points. It shall be ensure that the Ambient Air Quality Parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

✓ **Compliance**

Effective safe guard measures such as regular water sprinkling are carrying out in critical areas porm to air pollution and having high levels of PM₁₀ and PM₂₅ such as haul road loading and uploading points and transfer points. We are ensuring that the Ambient Air Quality Parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

➤ **Condition 46**

Fugitive dust emission from all the sources should be controlled regularly. Water spraying arrangements on haul roads, loading and unloading at transfer points. Should be provided and properly maintained.

✓ **Compliance**

Fugitive dust emission from all the sources will control regularly. Water spraying

arrangements on haul roads, loading and unloading at transfer points has arranged and properly maintained.

➤ **Condition 47**

Measures should be taken for the control of Noise level below 85 DBA in the work environment.

✓ **Compliance**

Different measures are taking for the control of noise level below 85 DBA in the work environment.

➤ **Condition 48**

A separate Environment Management Cell with suitable qualified personal should be setup under the control of a senior executive who will directly report to the head of the organization.

✓ **Compliance**

A separate Environment Management Cell with suitable qualified personal has formed under the control of a senior executive who will directly report to the head of the organization.

➤ **Condition 49**

The funds earmarked for the Environmental protection measures and CSR activities should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the State Environmental Impact Assessment Authority (SEIAA) office.

✓ **Compliance**

The funds earmarked for the Environmental protection measures and CSR activities spending only for such activities and it will not divert for other purpose. We will reports year wise expenditure of CSR activities to the State Environmental Impact Assessment

Authority (SEIAA) office.

➤ **Condition 50**

The regional office of MOEF and CC located at Bangalore shall monitor compliance of the stipulated conditions. The project Authorities should extent full co-operation to the officer (s) of the regional office by furnishing the requisite data/information/monitoring reports.

✓ **Compliance**

We will extent full co-operation to the MOEF officer (s) of the regional office by furnishing the requisite data/information/monitoring reports.

➤ **Condition 51**

Any appeal against the Environmental Clearance shall lie with the National Green Tribunal, if preferred within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.

✓ **Compliance**

There is no appeal against this Environmental Clearance with the National Green Tribunal.

➤ **Condition 52**

Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in the withdrawal of this clearance and attract action under the provision of Environmental Protection Act, 1986.

✓ **Compliance**

We agreed

➤ **Condition 53**

The SEIAA may revoke, or suspend the order for non-implementation of any of the specific or this implementation of any of the conditions is not satisfactory. The SEIAA reserves the

right to alter/modify the above conditions or stipulate any further conditions or stipulate any further conditions in the interest of Environmental Protection.

➤ **Compliance**

We agreed

✓ **Condition 54**

The above conditions shall prevail notwithstanding anything to the contrary in consistent or simplified, contained in any other permit, license or consent given by any other authority for any other project.

✓ **Compliance**

We agreed

➤ **Condition 55**

The order is valid for a period of 5 years or the expiry date of mining lease period issued by the Government of Kerala, whichever is earlier.

✓ **Compliance**

We agreed

➤ **Condition 56**

The Environmental Clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.

✓ **Compliance**

There is no pending litigation related to the land or project, in any court of law regarding this project.

➤ **Condition 57**

The mining operation shall restrict to above ground water table and it should not intersect ground water table.

✓ **Compliance**

We are carrying out mining activity above the ground water table only and it will not intersect ground water table.

➤ **Condition 58**

All vehicles used for transportation and within the mine shall have 'PUC' certificate from authorized pollution taking center. Washing of all vehicles shall be in the lease area.

✓ **Compliance**

All vehicles using for the transportation within the mine have obtained 'PUC' certificate from authorized pollution taking center. All the vehicles are washing within in the lease area only.

➤ **Condition 59**

Project proponent should obtain necessary prior permission of the competent authorities for withdrawal of requisite quantity of surface water and ground water for the project.

✓ **Compliance**

We will obtain necessary prior permission of the competent authorities for withdrawal of requisite quantity of surface water and ground water for the project.

➤ **Condition 60**

Regular monitoring of flow rates and water quality upstream and down streams of the spring and perennial nallahs flowing in and around the mining lease area shall be carried out and reported in the six monthly reports to the SEIAA.

✓ **Compliance**

We will monitor the flow rates and water quality upstream and down streams of the spring and perennial nallahs flowing in and around the mining lease area and it will reported in the six monthly reports to the SEIAA.

➤ **Condition 61**

Occupational Health surveillance programme of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures if needed.

✓ **Compliance**

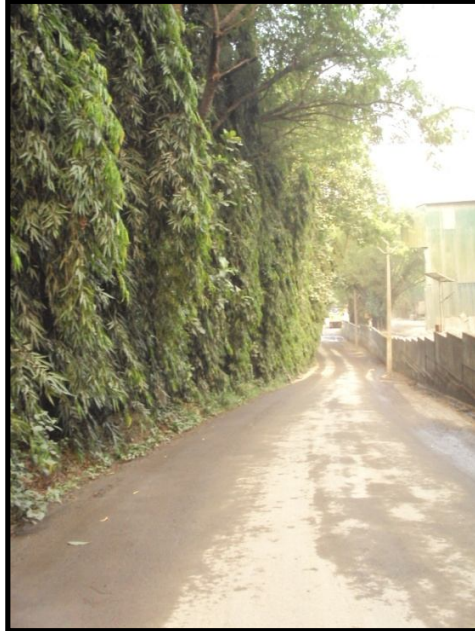
To monitor any contractions due to exposure to dust, we are carrying out Occupational Health surveillance programme of the workers periodically and take corrective measures if needed in connection with Mines Vocational Training.

ANNEXURE 1



Photograph showing the rain water harvesting Pond

ANNEXURE 2



ANNEXURE 3



Photograph showing solar energy devises installed in the project area

ANNEXURE 4



Photograph showing the fixed sprinklers installed in crusher and lorry

ANNEXURE 5



Photograph showing tarred access road to the Quarry

ANNEXURE 6




ANNEXURE 7



ANNEXURE 8

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

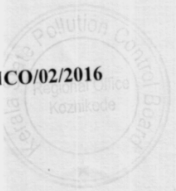
The Environment (Protection) Act, 1986

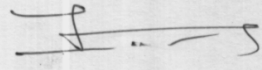
As per Application No. :2403347
Dated:25-01-2016

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	VALIDITY	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 Ssafty 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 confirm 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 ³ /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 ³)
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

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) 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.

5.22. 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

FAROOK SAIT. A
Senior Environmental Engineer

OFFICE SEAL



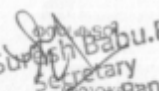
To

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


1/6

ANNEXURE 9

	
<p>നമ്പർ B1-1/15.16 വെള്ളാട്ടൂർ ഗ്രാമ പഞ്ചായത്ത്</p>	
<p>1994 ലെ കേരളാ പഞ്ചായത്ത് രാജ് ആക്ട് (1994 ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകൾ പ്രകാരവും അതേ തുടർനിയമ പട്ടണവും അനുസരിച്ചു കൊടുത്ത</p>	
<p>പൈസയ്ക്ക്</p>	
<p>ലൈസൻസുകൾ/മരയ്ക്കൽ പേരും മേഖലാധികാരവും</p>	<p>മാനോജിംഗ് ഡവലപ്മെന്റ്, എ.എ. മെമ്പർഷിപ്പ് ഡോക്യുമെന്റ് ഗ്രാമീണ ഹെൽത്ത് സെന്റർ എൻ്റെ മെമ്പർഷിപ്പ് - ഹെൽത്ത് പ്ലാൻ</p>
<p>എന്താവശ്യത്തിന് ലൈസൻസ് അനുവദിച്ചു എന്ന്</p>	<p>പാലക്കാട് ജില്ലയിലെ മേന്മയ്ക്കൽ ഗ്രാമപഞ്ചായത്ത് മെമ്പർഷിപ്പ് ഡോക്യുമെന്റ്. വിൽക്കുന്ന പാലക്കാട് ജില്ലയിലെ മേന്മയ്ക്കൽ ഗ്രാമപഞ്ചായത്ത് മെമ്പർഷിപ്പ് ഡോക്യുമെന്റ്</p>
<p>കെട്ടിടത്തിന്റെ നമ്പരും വാടിയുടെ നമ്പരും</p>	<p>VP V/207</p>
<p>ലൈസൻസിന്റെ കാലാവധി</p>	<p>1.4.2015 to 31.3.2020</p>
<p>ലൈസൻസിന്റെ ഫീസ്</p>	<p>120000/- രൂപ</p>
<p>റിമാർക്സ് : 1900 H.P.</p>	<p>(Geology, Pollution Control Board അറിവ് ലഭിക്കാൻ നമ്പരും അറിയിപ്പിന്റെയും അനുസരിച്ച് വിശദമാക്കിയിരിക്കുന്നു)</p>
<p>വെള്ളാട്ടൂർ</p>	
<p>തീയതി 1-4-2015</p>	<p style="text-align: right;">  </p>
<p style="text-align: right;">  Subash Babu.P Secretary Vettathur Grama Panchayath Thelakkad (PO), 679 325 Ph: 04933 245128 </p>	

GLM-34 K/2000

ANNEXURE 10


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. FERINTHALMUNNA, MALAPPURAM DISTRICT,
KERALA
Town/Village - NILAMBUR
Distt. MALAPPURAM, State Kerala. Pincode-679325

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

Sirs(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 at survey no. 1/1, Village Karyavattom and local state Govt authorities approval as applicable renewed from time to time shall be in possession. 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 any Nationalised 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 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.

NOTES:

Yours faithfully,

A.B. Tamgadge
Controller of Explosives
For Dy. Chief Controller of Explosives
കെ. ഇ. മുഹമ്മദ് ഖാദർ
For Deputy Chief Controller of Explosives
എസ്. മുഹമ്മദ് / Ernakulam

Copy Forwarded to:



- District Magistrate, MALAPPURAM (Kerala) for information.

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 magazine

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 descriptor 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 कुते उप मुख्य विस्फोटक नियंत्रक For Deputy Chief Controller of Explosives एन कुलम / 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/21/10(E8519) 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 of 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 or otherwise or by such means, for preventing the introduction into danger area of the factory 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 comply with any condition that may be specified by the licensing authority in this behalf.
13. Magazine shall at all times be kept in state of good repair (or maintained in good condition to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives). The licensee shall report any reason whatsoever.
14. The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.
15. 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 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 any work, 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 log10 (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

कुं उप मुख्य निरीक्षक, एन.ए.ए.ए.

For Deputy Chief Controller of Explosives

ए.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., Theiakkad P.O. PERINTHALMANNA, MALAPPUZHAM DISTRICT, KERALA, Kerala.

Type of Structure(s)	Safety distances meters	
Inside Safety Distances(ISD)		
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		
Middle Safety Distances(MSD)		
4 Magazine Keeper's or Chowkidar's Dwelling house		
5 Railway including Minerals and Private Railways		
6 Canal (in active use) or other navigable water		
7 Dock or Pier or Jetty		
8 Public Highway or Public Road		48
9 Private Road which is PRINCIPAL means of access to a Temple, Mosque, Church, Gurudwara or other places of worship, Hospital, College, School or Factory		
10 River Embankment or Sea Embankment or Public Well		
11 Reservoir or Bounded tank/rope way		
12 Windmill or Solar panel for Power Generation		
Outside Safety Distances(OSD)		
13 Dwelling House		
14 Govt. and Public Building		
15 Temple, Mosque, Church or Gurudwara or other Places of Worship		
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		
Overhead Electric lines		
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 : 20/3/2011
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 09/3/2012

६। ३५ मुख्य रिमोट नियंत्रक
६। Deputy Chief Controller of Explosives
६। नाकुलम / Ernakulam

ANNEXURE 11

EXPRESS KERALA
SUNDAY 24.08.2017

SC verdict to have major impact on health sector

RIGHT TO PRIVACY

The Supreme Court's landmark verdict on the right to privacy has a major impact on the health sector. The court has ruled that the right to privacy is a fundamental right under Article 21 of the Constitution. This verdict is expected to have a significant impact on the health sector, particularly in relation to the collection and use of personal data by healthcare providers.

The court's decision is a landmark one, as it establishes the right to privacy as a fundamental right. This means that any government action that infringes on this right will be considered unconstitutional. The health sector, which often deals with sensitive personal data, will be particularly affected by this verdict.

The court has also ruled that the collection and use of personal data by healthcare providers must be justified. This means that healthcare providers must have a valid reason for collecting and using personal data, and they must ensure that the data is protected and used only for the purpose for which it was collected.

The verdict is expected to lead to a number of changes in the health sector. Healthcare providers will need to review their data collection and use policies to ensure they are compliant with the court's decision. They will also need to implement measures to protect personal data and ensure it is used only for the purpose for which it was collected.

The verdict is a landmark one for the health sector, as it establishes the right to privacy as a fundamental right. It is expected to lead to a number of changes in the way healthcare providers collect and use personal data, and it is likely to have a significant impact on the health sector as a whole.

SABARIMALA

State Govt intervention sought

State Govt intervention sought in the Sabarimala case. The court has ruled that the right to privacy is a fundamental right, and this verdict is expected to have a significant impact on the health sector.

LAND GRAB

VIGILANCE COURT ORDERS VACB TO REGISTER CASE AGAINST FIVE PERSONS

Vigilance Court orders VACB to register case against five persons. The court has ruled that the right to privacy is a fundamental right, and this verdict is expected to have a significant impact on the health sector.

Check asset details of godmen, demands VS

Check asset details of godmen, demands VS. The court has ruled that the right to privacy is a fundamental right, and this verdict is expected to have a significant impact on the health sector.

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IN REMEMBRANCE

In remembrance of the victims of the 2011 Mumbai attacks. The court has ruled that the right to privacy is a fundamental right, and this verdict is expected to have a significant impact on the health sector.

Ways mullied to boost KSRTC profit

Ways mullied to boost KSRTC profit. The court has ruled that the right to privacy is a fundamental right, and this verdict is expected to have a significant impact on the health sector.

Chief Minister-level talks must to solve inter-state water pacts: Chemmithala

Chief Minister-level talks must to solve inter-state water pacts: Chemmithala. The court has ruled that the right to privacy is a fundamental right, and this verdict is expected to have a significant impact on the health sector.

POSSESSION NOTICE

Possession notice issued by the court. The court has ruled that the right to privacy is a fundamental right, and this verdict is expected to have a significant impact on the health sector.

13 injured as bus rams shop

13 injured as bus rams shop. The court has ruled that the right to privacy is a fundamental right, and this verdict is expected to have a significant impact on the health sector.

Cowboy Park opened in Munnar

Cowboy Park opened in Munnar. The court has ruled that the right to privacy is a fundamental right, and this verdict is expected to have a significant impact on the health sector.

REGULATING THE PROSECUTION

Regulating the prosecution. The court has ruled that the right to privacy is a fundamental right, and this verdict is expected to have a significant impact on the health sector.

Check asset details of godmen, demands VS

Check asset details of godmen, demands VS. The court has ruled that the right to privacy is a fundamental right, and this verdict is expected to have a significant impact on the health sector.

Chief Minister-level talks must to solve inter-state water pacts: Chemmithala

Chief Minister-level talks must to solve inter-state water pacts: Chemmithala. The court has ruled that the right to privacy is a fundamental right, and this verdict is expected to have a significant impact on the health sector.

ANNEXURE 13

POABSON GRANITE PRODUCTS PVT. LTD.
 Thelakkad P. O., Pattikkad Via, Perinthalmanna - 679 325
 Malappuram Dt., Kerala.
 Ph: +91 - 4933 245120, 245189
 E-mail: pmna@poabs.in, www.msand.in
 TIN: 32100752474
 CST: 32100752474-C

Date: 25/08/2017

The Secretary,
 Vettathoor Panchayat,
 Malappuram District,
 Kerala.

Sub:- Environment Clearance (E.C.) – Proposed Quarry project at Survey No. 59/2,
 at Vettathoor Panchayat, Kariyavattom Village, Perinthalmanna Taluk,
 Malappuram District, Kerala - Submission of the E.C. Order – Compliance
 to the condition of Environment Clearance – Reg.

Respected Sir,

This refers to the Environment Clearance obtained for our proposed
 quarry project at Survey No. 59/2, at Vettathoor Panchayat, Kariyavattom
 Village, Perinthalmanna Taluk, Malappuram District, Kerala issued by
 State Environment Impact Assessment Authority (SEIAA), Kerala vide
 Order No. 946/SEIAA/EC1/4152/2015 dt. 16/08/2017.

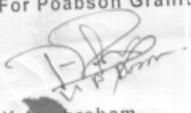
We hereby submit a self attested copy of the Environment Clearance
 Order No. 946/SEIAA/EC1/4152/2015 dt. 16/08/2017.

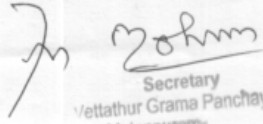
This is in compliance to the condition of the E.C. Order.

Kindly acknowledge the receipt of the same.

Thanking you,

Yours respectfully,
 For Poabson Granite Products Pvt. Ltd.,


 K.A. Aravam,
 (Managing Director)


 Secretary
 Vettathur Grama Panchayath
 Malappuram

Encl: As above

Regd. Office: Kuttoor P. O., Tiruvalla, Kerala, India - 689 106, Ph: +91 - 469 2743300, Fax: +91 - 469 274333, E-mail: mail@poabs.com

ANNEXURE 14



കേരളം KERALA

AX 756153

AFFIDAVIT

I, K.A. Abraham, Managing Director & Authorized Signatory of M/s. Poabson Granite Products Pvt. Ltd. having its correspondence office at Kuttoor P.O., Thiruvalla, Kera'a - 689 106 do hereby affirm and confirm as follows:-

1. That, Mrs Poabson Granite Products Pvt. Ltd. proposes to develop a quarry project at Survey No. 59/2, at Vettathoor Panchayat, Kariyavattom Village, Perinthalmanna Taluk, Malappuram District, Kerala.
2. That, the Environment Clearance proceedings number and date are Order No. 946/SEIAA/EC1/4152/2015 dt. 16/08/2017.
3. That, all the conditions stipulated in the Environment Clearance would be scrupulously followed.



A.P. Gokulachandran
A.P. Gokula Chandra, Advocate,
Advocate & Notary
Thiruvalla, Malappuram District.

DEPONENT

K.A. Abraham, Managing Director
Poabson Granite Products Pvt. Ltd.
Kuttoor P.O., Thiruvalla.
VO. 8/1337 RS. 100/-
7/1/17.

ശ്രീ. ക. എ. അബ്രഹാം
പോബ്സൺ ഗ്രാനൈറ്റ് പ്രൊഡക്റ്റ്സ് പ്രൈവറ്റ് ലിമിറ്റഡ്
കുട്ടൂർ പോ. ഓഫീസ്, തിരുവാല





കേരളം KERALA

AX 756154

Verification:

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

Place: Malappuram

Date: 25/08/2017



Solemnly affirmed and signed
before me by the deponent who
is personally known to me in
my office at Thiruvalla on this
the 25th day of August 2017

DEPONENT

A.P. Gokula Chendran, Advocate & Notary
Reg. No. 1387/2014
Malappuram



10.8/2017
21/11/17
K.A. Abraham Managing Director
Poonson Growth Products Pvt. Ltd.
Kuttloor P.O. Thiruvalla
RS. 100/-

