

**COMPLIANCE REPORT
TO
THE CONDITIONS OF
ENVIRONMENTAL CLEARANCE ORDER
NO: 1108/EC/SEIAA/KL/2017
DT. 20 - 11 - 2017**

**BY
STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)
FOR
QUARRY PROJECT**

**AT
Survey Nos. 259/1, 256/4, 265/1, 272/1, 272/7, 272/6, 271/3,
271/6, 273/1, 270/1, 265/2, 271/2, 270/2, 269/2, 272/2-2, 273/3,
274/1-2, 268/9-2, 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**

(April, 2021 - September, 2021)

M/s Poabs Enterprises Pvt. Ltd. is a stone quarry situated at Sy. Nos. 259/1, 256/4, 265/1, 272/1, 272/7, 272/6, 271/3, 271/6, 273/1, 270/1, 265/2, 271/2, 270/2, 269/2, 272/2-2, 273/3, 274/1-2, 268/9-2, 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 20-11-2017. 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, 2021 - September, 2021 (Eighth Report) is being submitted.

PART A - SPECIFIC CONDITIONS

➤ Condition 1

Quarry needs to reorient its mining operation following top to bottom approach.

✓ Compliance

Project team had reoriented the mining operations in a top to bottom bench mode approach.

➤ Condition 2

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

The Company properly protecting the plant species that are endemic to Western Ghats in situ or by transplanting to an appropriate location. We also plan to start a Nursery exclusively for endemic plant species.

PART B - GENERAL CONDITIONS

➤ Condition 1

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

✓ Compliance

We provided Rainwater harvesting system in connection with the present project. It 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	Tank constructed with stone masonry wall 1	15	12	1	-	180000
2	Tank constructed with stone masonry wall 2	15	8	1.5	-	180000
3	Concrete well 1	-	-	5	3	35350
4	Concrete well 2	-	-	5	3	35350
5	Concrete well 3	-	-	5	3	35350

Photograph of the rainwater harvesting system as enclosed at Annexure 1.

➤ 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. Thomas Jacob (Director of the Company) as head of the monitoring cell and made functional. Meeting of monitoring cell is arranging monthly and discuss 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	Head of the monitoring cell (Director of the Company)	Mr. Thomas Jacob
2	Head in charge (Environment)	Mr. Girish Menon
2	Senior Environmental Officer	Dr. Rinoy Varghese
3	Environmental Officer	Mr. Navin Xavier
4	Name of the environmental officer in charge at Site	Mr. K. Sambath Raj
5	Name of the officer of Environment, Health and safety at Site	Mr. Ramesh Iyyer
6	Name of the environmental consultant	M/s Environmental Engineers & Consultants Pvt. Ltd
7	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

Natural vegetation including trees, shrub and herbs occurring along the sides of tarred road and parking areas. We planted the area of less vegetation with trees, shrubs etc. and a nursery is maintaining also for further plantations. Photograph showing the same is provided at Annexure 2. 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	Caesalpinaceae

➤ Condition 4

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

✓ Compliance

In connection with the present project, we provided solar energy devices such as solar lights and solar water heater in the project site. A biogas plant has also maintaining in association with the project. Solar water heater and biogas plant are linked with canteen and are using for kitchen purposes. Solar lights were installed in different locations of the project area. Photograph showing the same is enclosed as 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, we have provided fixed water sprinkling systems and dust suckers in the Crushing units. Entree road, road system of the project site, and other connected roads has been watering daily by sprinkler system installed in tipper lorry since the starting of the project. Photograph showing the sprinkler system installed in tipper lorry is enclosed as Annexure 4

➤ **Condition 6**

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

✓ **Compliance**

After the closure of the mine, 10% of the excavated pit area will be maintained as water storage area. It is plot 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. Eco-restoration including the mine closure plan will perform at our own cost.

➤ **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**

We will retain ten percentage of the mined out area 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 major CSR activities carried out by the company are: medical aid, marriage support, material supply for house constructions/maintenance, public road maintenance, water supply etc.

➤ 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

We provided barbed metal wire fencing 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.) has protected. Photograph showing the metal wire fencing and indicators boards are enclosed as Annexure 5.

➤ 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 3.00pm and 4.30pm. A danger board indicating blasting time has installed in the project site. Photograph showing the same is enclosed as Annexure 6.

➤ 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, equipment and improvement of design of machines.**
- Personal protective devices i.e., earmuffs, ear plugs etc. are provided to 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 carrying out during day time only.

➤ **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.**
- ❖ **Non electric detonators (NONEL) are used for Blasting**
- ❖ **Blasting is carried out for the fragmentation of the granite within the project area. Multiple blast holes of 1.0 to 1.5 m depth will be drilled with the help of 32mm drill rod, Jack Hammer and air compressor of 100 cm capacity.**
- ❖ **It is estimated about 250g of explosives per hole is required. About 30-50 holes per blast are proposed. Therefore the requirement of explosive will be about 10kg/ blast.**

Blasting safeguard

- ❖ **Blasting in the open cast is done only during day time at designated hours.**

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

➤ **Condition 14**

A licensed person should supervise/ control the blasting operations.

✓ **Compliance**

Blasting operation is controlling by licensed person. Licensed person's authorization letter from DGMS is attached as Annexure 7.

➤ **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 8.

➤ 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

For the reclamation of mine pit, we storing Overburden and top in a prefixed location as per mine closure plan/EC condition. The photographs showing the reclamation area is given in Annexure 9.

➤ 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

Quarrying operation is performing in the form of benches. The proposed height and width of the benches are maintaining. Photograph showing the bench type mining is enclosed as Annexure 10.

➤ Condition 18

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

✓ Compliance

Project team performing blasting operations using blasting mats to prevent fly rock to a maximum of 10 PPV. Various other safety measures are also setting down to prevent fly rocks cross the lease area. Blasting during unfavorable weather conditions has avoided. Maintain optimum delay

sequence and stem to column ratio to minimize the fly rock distance.

➤ **Condition 19**

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

✓ **Compliance**

In the current quarrying project, the exploitation of mineral is from 300-145m MSL in conceptual phases. 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**

Quarrying activities are not carrying 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**

Crusher unit has covered by thick green belt and metal sheet envelop is also covering the entire machinery. Entire quarry area has covered by thick green belt and it will reduce sound amplifications produced during mining activities. Photograph showing the crusher unit covered by thick green belt and metal sheet covering is enclosed as Annexure 11. The noise levels are limiting within the

prescribed standards given by CPCB/KSPCB. Sound monitoring report is attached as Annexure 12.

➤ Condition 22

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

✓ Compliance

We providing personal protective devices such as earmuffs, ear plugs, helmet etc. at the site. Blasting shelters are also arranged in the mining site and the photograph showing the same is attached as Annexure 13.

➤ Condition 23

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

✓ Compliance

Garland drains with clarifiers has provided in the lower slopes around the core area to channelize storm water,. The photograph showing the Garland drains with clarifiers is enclosed as Annexure 14.

➤ Condition 24

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

✓ Compliance

Trucks are covered with tarpaulin sheets after loading to control dust emissions during transportation. Trucks are not overloading and the loads are maintained to the body level.

➤ 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

Most of the land in the lease area consist of exposed rocks, thus the tree density/lose is very low. Moreover some of the

area in the EC is already under mining. We have been planting trees 5 times of the loss that has been occurred while clearing the land for the project.

➤ **Condition 26**

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

✓ **Compliance**

Disposal of spent oil from diesel engines are 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. Photograph showing the same is attached as Annexure 15.

➤ **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/other structures has provided.

➤ **Condition 29**

100 m buffer distance should be maintained from forest boundaries.

✓ **Compliance**

No forest boundary near to the project area

➤ **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 16.

➤ **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**

For the quarrying activity, all the required statutory approvals has obtained. Copy of the statutory approvals are enclosed as Annexure 17 and 18. Details of statutory approvals are given below.

Sl. No.	Annexure	Statutory approvals
1	17	License from Panchayat
2	18	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**

We agreed

➤ 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

We agreed

➤ 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

The stipulation by all the statutory authorities regarding the present project under different acts and notifications are complying.

➤ 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**

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. Details of the newspaper advertisements are given below.

Sl. No.	Annexure	Name of the Newspaper and edition	Dated
1	19	New Indian Express	29/11/2017
2	20	Mathrubhumi	29/11/2017

➤ **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/ representations if any, were received while processing the proposal. The Environmental Clearance shall also be put on the website of the company by the proponent.

✓ **Compliance**

A copy of the environmental clearance order was submitted to the Panchayat office. The acknowledgement received is provided at Annexure 21. 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**

Eighth compliance report is being submitted to SEIAA, Department of Environment and Climate change, Govt. of Kerala and Regional Office of MoEF, Govt. of India.

➤ **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**

Particulars 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 fond has installed. Photograph showing the same is attached as Annexure 22.

➤ **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 SEIAA and the copy of the same is attached as Annexure 23.

➤ **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**

Water sprinkling has installed at places via loading and unloading points and transfer points to reduce fugitive emission. We carrying out Ambient Air Quality monitoring

based on the notification 2009, as amended from the time to time by the Central Pollution Control Board. Ambient Air Quality monitoring Report is attached as Annexure 24.

➤ 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

For dumping the overburden generated during the mining operation, Separate area has earmarked. The maximum height of the dump will not exceed 8m and width 20m and overall slope of the dump will be maintained to 45°. The O.B. dump is 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. Photograph showing the overburden dumping area scientifically vegetated with suitable native species is attached as Annexure 25.

➤ Condition 44



Catch drains and 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**

Siltation ponds and Catch drains has 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 are utilizing for watering the mine area, roads, green belt development etc. The drains are regularly desilting particularly after monsoon and maintained properly. Photograph showing the Storm water pond is attached as Annexure 26.

➤ **Condition 45**

Effective safe guard measures such as regular water sprinkling shall be carried out in critical areas porn to air pollution and having high levels of PM_{10} and PM_{25} 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**

Safe guard measures such as regular water sprinkling are carrying out in critical areas porn to air pollution and having high levels of PM_{10} and PM_{25} viz. haul road, loading and uploading points and transfer points. Dust sucking instruments are using in Crusher unit. It will be 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 are controlling regularly. Water spraying arrangements on haul roads, loading and unloading at transfer points has arranged and properly maintained. Dust sucking systems are using in Crusher unit.

➤ **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. We are also checking the Ambient Sound level periodically.

➤ **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**

Separate Environment Management Cell with suitable qualified personal has formed under the control of a senior executive who directly reporting to the head of the organization. Environment Management Cell are monitoring all Environment Management plan carried out in connection with the present project.

➤ **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**

We will not divert the funds earmarked for the Environmental protection measures and CSR activities for other purpose

➤ **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 on 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 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 are not using surface water and ground water for the project activities. Presently, the entire project activities are carrying out using harvested rainwater.

➤ **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**

There is no spring and perennial nallahs flowing in and around the mining lease area.

➤ **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**

We carrying out Occupational Health surveillance programme of our workers periodically to observe any contractions due to exposure to dust and take corrective measures in connection with Mines Vocational Training Centre.

ANNEXURE 1



Photographs showing the rainwater harvesting system in the project area

ANNEXURE 2



**Photographs showing tree planted around parking areas and
road sides
ANNEXURE 3**



Photograph showing the Solar Energy device installed within the project area

ANNEXURE 4



Photograph showing the Sprinkler system installed in tipper lorry and Crusher unit

ANNEXURE 5





Photograph showing the metal wire fencing and indicators boards

ANNEXURE 6



Photograph showing the danger board indicating blasting time installed in the project site

ANNEXURE 7



भारत सरकार/ Govt. of India
 श्रम एवं रोजगार मंत्रालय/ Ministry of Labour & Employment
 खान सुरक्षा महानिदेशालय/ Directorate General of Mines Safety
 बंगलुरु क्षेत्र, ब.अ., Bangalore Region, SZ.



BY REGISTERED POST

E-Mail : dgms@dgms.gov.in

No.5, 17th Main, 100 ft Road, 4th Block
 Koramangala, Bangalore - 560034(Karnataka)
 Tel. : 080-25535971-74 FAX: 080-25535972

सं./S2/BGP/KRL/KDL/23/AKh-24(5)/P-164/2017-18/ 2121

बंगलुरु, दिनांक, 19/12/2017.

प्रेषक,

खान सुरक्षा निदेशक,

बंगलुरु क्षेत्र, ब.अ.।

सेवा में,

श्री Ramesh S,

Agent: Chithara Stone Mine,

M/s Poabs Enterprises Pvt Limited,

Punnour Madom, Karunagappally,

Kulleri Bhagom Post,

Kollam, Kerala-690 546

विषय:- Authorization under Regulation 34(8) of MMR, 1961 in favour of Sri K. Sampath Raj, holder of Second class Manager's Certificate (Un-Restricted), to work as manager of Chithara Stone Mine of M/s Poabs Enterprises Pvt Limited., Kollayil Post Chithara, Kollam Dist,Kerala.

गहोबय,

Please refer to your letter No.Nil dated 10.11.2016, on the above subject.

In view of what has been stated in your application, I, in exercise of the powers conferred on the Chief Inspector of Mines under the Provisions of Regulation 34(6) of the Metalliferous Mines Regulations, 1961 and by virtue of the authorization granted to me by the Chief Inspector of Mines (also designated as Director General of Mines Safety) under Section 6(1) of the Mines Act, 1952, do hereby authorize Sri K.Sampath Raj, holder of Second class Manager's (Un-Restricted) SMU/1592 dated 03.06.2002, to act as Manager of Chithara Stone Mine of M/s Poabs Enterprises Pvt Limited., Kollayil Post Chithara, Kollam Dist, Kerala, for a period up to **23.12.2018** subject to the following conditions:

1. Manager shall not take up any appointment in any capacity whatsoever in another mine.
2. If required, deep hole drilling machinery not exceeding 100 mm diameter may be deployed with maximum two loading machines with tipper in the mine.
3. In case, deep hole blasting with hole diameter not exceeding 100mm has to be conducted, it shall be carried out under the personal supervision of the manager. Blasting parameters of each blast with a sketch showing the drilling pattern and the holes charged shall be maintained in register kept for the purpose for each blast.
4. The average daily employment of persons at the mine shall not exceed 100 in all, underground workings shall not be made and consumption of explosives per day shall not exceed 500Kgs.

ANNEXURE 8



Photograph showing the tarred Access road to the quarry

ANNEXURE 9



**Photographs showing top soil storage area
ANNEXURE 10**



Photograph showing the Bench Type Mining



Photograph showing the crusher unit covered by thick green belt and metal sheet envelop



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 01

Client Name & Address	Certificate No:	PL/RT/SD/1449/2021
	Date of issue:	18/02/2021
	Date of monitoring	12/02/2021 - 13/02/2021
M/s Poabs Enterprises Pvt. Ltd Kottarakkara Kollam.	Monitoring Location	M/s. Poabs Enterprises Pvt Ltd, Survey Nos. 259/1, 256/4, 265/1, 272/1, 272/7, 272/6, 271/3, 271/6, 273/1, 270/1, 265/2, 271/2, 270/2, 269/2, 272/2-2, 273/3, 274/1-2, 268/9-2, 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 Village: Chithara Panchayath: Chithara Taluk: Kottarakara District : Kollam, Kerala
	Sample Description	Ambient Sound Level - East Side

HOURLY INTERVAL	RESULT	HOURLY INTERVAL	RESULT
06.00 AM-07.00 AM	39.8 dB (A)	11.00 PM-12.00 AM	38.4 dB (A)
07.00 AM- 08.00 AM	38.4 dB (A)	12.00 AM-01.00 AM	37.4 dB (A)
08.00 AM- 09.00 AM	42.1 dB (A)	01.00 AM- 02.00 AM	36.5 dB (A)
09.00 AM -10.00 AM	46.8 dB (A)	02.00 AM-03.00 AM	35.2 dB (A)
10.00 AM-11.00 AM	48.7 dB (A)	03.00 AM-04.00 AM	36.3 dB (A)
11.00 AM-12.00 PM	52.1 dB (A)	04.00 AM -05.00 AM	37.4 dB (A)
12.00 PM-01.00 PM	50.3 dB (A)	05.00 AM-06.00 AM	36.8 dB (A)
01.00 PM-02.00 PM	52.4 dB (A)		
02.00 PM-03.00 PM	53.7 dB (A)		
03.00 PM-04.00 PM	52.1 dB (A)		
04.00 PM-05.00 PM	48.6 dB (A)		
05.00 PM-06.00 PM	47.2 dB (A)		
06.00 PM-07.00 PM	46.4 dB (A)		
07.00 PM-08.00 PM	45.1 dB (A)		
08.00 PM-09.00 PM	43.7 dB (A)		
09.00 PM-10.00 PM	44.1 dB (A)		
10.00 PM-11.00 PM	43.2 dB (A)		
		LDay	52.4 dB (A)
		LNight	36.5 dB (A)

Limits: Industrial Area Day Time-75dB(A), Night Time- 70dB(A), Commercial area Day Time -65 dB(A), Night Time 55dB(A), Residential area Day Time -55 dB(A), Night Time -45dB(A), Silence zone day time-50dB(A), Night time-40dB(A)
Day Time from 06.00 am to 10.00 pm & Night Time from 10.00 pm to 06.00 am

*End of the Report *

For Poluchem Laboratories (P) Ltd.

ANNEXURE 13



Photograph showing Blasting Shelter installed in the project area



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

ANNEXURE 15



Photograph showing the Explosives magazines built in an isolated area

ANNEXURE 16

FILE NO : PCB/KO/ICO/G/221/2018
Date of issue : 27/06/2018



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. :7559910
Dated:18-04-2018

TO

M/s POABS ENTERPRISES (P) LTD
Chithara Village
Kollam - 691559

Consent No. :PCB/KO/ICO/F/441/2018
Valid Upto :19/11/2022

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	19/11/2022
2	Name and Address of the establishment	POABS ENTERPRISES (P) LTD CHITHARA VILLAGE KOLLAM 691559
3	Communication	Telephone :0471-2366622 Fax :- E-mail:mail@poabs.com
4	Occupier Details	Joseph Jacob Panachail House, west Othara, Kuttoor(P.O) Thiruvalla
5	Local Body	Chithara
6	Survey Number	270/1,271/3,272/1,272/5,271/4,271/5,271/6,270/2,274/1-2,273/3,273/1,272/7,272/2-2
7	Village	Chithara
8	Taluk	KOTTARAKARA
9	District	KOLLAM
10	Capital Investment(Rs in Lakhs)	945.00
11	Scale	Medium
12	Category	RED
13	Annual fee(Rs)	Rs.70000/-
	Total Fee remitted(Rs)	Rs.455000/-
14	RAW MATERIAL	PRODUCTS
	ACTIVITY	Granite Quarrying from 9.4639 Ha
15	Total Power Required (HP)	-

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 litres/day
- 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

- 2.5 Mode of disposal of treated effluent: NA

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(Nm3/Hr)	Stack Height above		Control Equipment
			Ground Level	Roof Level	

- 3.2 Emission characteristics shall not exceed the following:

Sl.No.	Parameter	Limiting Standards (mg/Nm3)
--------	-----------	-----------------------------

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 and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- 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
Mode of			
Storage		Disposal	

4.4 E-waste shall be disposed off safely as per the E-Waste (Management) Rules, 2016.

5. SPECIFIC CONDITIONS

- 5.1. The quarrying operation shall be limited to the area demarcated in the approved location plan sketch. Any change or alteration to the above shall be made only with prior permission of the Board.
- 5.2. The consent is issued only with respect to the powers vested under the Water Act 1974, Air Act 1981 and Rules thereunder.
- 5.3. This Integrated Consent to Operate, unless withdrawn earlier and subject to condition no 5.2 shall be valid up to 19.11.2022. For continuing to operate beyond the validity date application for the renewal has to be submitted through online (website : krocmms.nic.in) before 19.07.2022.
- 5.4. Any change in the particulars furnished in the application and/or in the identity of the occupier/authorized agent shall be intimated to the Board forthwith
- 5.5. Boundary of the quarry shall be marked before the starting of quarrying operations
- 5.6. Quarrying operation shall not be carried out between 6 pm and 8am
- 5.7. The suspended particulate matter at the boundary of the premises shall not exceed the limits specified as per the National Ambient Air quality standards applicable to the adjoining area.
- 5.8. The sound level measured at 1 m outside the boundary of the premises shall not exceed limits prescribed as per the National Ambient Air quality standards applicable to the adjoining area, with respect to noise.
- 5.9. Necessary buffer layer shall be maintained inside the boundary and no quarrying activity shall be carried out in that area.
- 5.10. Wherever residences are likely to be affected with vibration, blasting with electric detonator (ED) shall be avoided and ordinary detonator (OD) or ED with delay facility shall be used.
- 5.11. Blasting shall be done only at specified times and this blasting schedule shall be displayed to public to avoid accidents.
- 5.12. The excavated area, if any, may be used for aquaculture and rainwater harvesting with protective barriers or for any other suitable purpose or may be reclaimed.
- 5.13. Efforts shall be made to avoid any sort of environmental problems due to the working of the quarry.
- 5.14. A distance of 50m shall be maintained from the quarrying area to nearby residences/other buildings/roads with public transport system/ river/ lake/ bridge.

5.15. This consent is issued based on the Environmental Clearance no.81/2017 dated 20.11.2017 and order no.11009/M3/2017 dated 26.03.2018 of Mining & Geology Department and is valid only when all other statutory/ necessary clearances from other concerned authorities are valid. The Quarrying shall be done after obtaining clearance from all concerned authorities.

DATE :27/06/2018

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER, KOLLAM



To

Joseph Jacob
Panachail House,
West Othara,
Kuttoor(P.O)
Thiruvalla

1. This digitally signed document is legally valid as per the Information Technology Act 2000
2. For verifying this document please go to krocmms.nic.in and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent Management and Monitoring System.



ലൈസൻസ് നമ്പർ : -2009/21/2021-22 -.. 3

തീയതി : 01/04/2021

ചിതറ ഗ്രാമപഞ്ചായത്തിൽനിന്നും

1994ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകളും അതേ തുടർനുള്ള ചട്ടങ്ങളും അനുസരിച്ച്

ഫാക്ടറികൾ, വ്യാപാരങ്ങൾ, സംരംഭങ്ങൾ, മറ്റു സേവനങ്ങൾ എന്നിവയ്ക്കായി നൽകുന്ന

ലൈസൻസ്

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	ജോസഫ് ജേക്കോബ് (മാനേജിംഗ് ഡയറക്ടർ), പോബ്സ് എൻറർപ്രൈസസ് പ്രൈവറ്റ് ലിമിറ്റഡ് (പി.ഒ) തിരുവല്ല, പത്തനംതിട്ട	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	പോബ്സ് എൻറർപ്രൈസസ് പ്രൈവറ്റ് ലിമിറ്റഡ്	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	2500HP ഉപയോഗിച്ച് എം.സാണ്ട് ഉൽപ്പാദനം നടത്തുന്നതിന്	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	12 / 401	
ലൈസൻസ് കാലയളവ്	01-04-2021 മുതൽ 31-12-2022 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	125,000 + 3,500/- രൂപ	രസീത് നമ്പർ 11801050035 തീയതി 20-02-2019
	തൊഴിൽക്കരം	
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷേപപത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)	<ol style="list-style-type: none"> 1. മലിനീകരണനിയന്ത്രണ ബോർഡിൽനിന്നുള്ള അനുമതി ... PCB/KO/NOC/149/2010 ... 22-06-2020 2. അഗ്നിസുരക്ഷാവകുപ്പിൽനിന്നുള്ള നിരാക്ഷേപപത്രം ... A2-2825/2012 ... 19-07-2012 3. ഫാക്ടറീസ് & വ്യവസായവകുപ്പിൽനിന്നുള്ള നിരാക്ഷേപപത്രം ... DO3/KUR/11/437/2012 ... 14-11-2012 4. വ്യവസായവകുപ്പിൽനിന്നുള്ള സാക്ഷ്യപത്രം ... 49/2021-22/RMCU/KI.M/3771/M3/2021 ... 22-03-2021 5. ജില്ലാ മെഡിക്കൽ ഓഫീസറുടെ നിരാക്ഷേപപത്രം ... C2-12374/12/DMOHK ... 23-07-2012 	



(ഓഫീസ് മുദ്ര) Chithara P.O.

സെക്രട്ടറി
ചിതറ ഗ്രാമപഞ്ചായത്ത്

Secretary

Chithara Grama Panchayat
Kollam Dist, Kerala, India

ലൈസൻസി താഴെപ്പറയുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു

1. കേരള പഞ്ചായത്ത് രാജ് ആയും അതേത്തുടർന്നുള്ള ചട്ടങ്ങളും ബൈലോകളും അനുസരിച്ചു പ്രവർത്തിക്കേണ്ടതാകുന്നു.
2. തൊഴിൽസ്ഥലവും അതിലുള്ള സാധനസാമഗ്രികളും പഞ്ചായത്ത് അധികാരികൾക്കോ / സെക്രട്ടറി അധികാരപ്പെടുത്തുന്ന മറ്റ് ഉദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസൻസി വേണ്ട സൗകര്യങ്ങൾ നൽകേണ്ടതും അവർ ആവശ്യപ്പെട്ടാൽ ഈ ലൈസൻസ് കാണിക്കേണ്ടതാകുന്നു.
3. ഏതു സ്ഥലത്തിന്റെ കാര്യത്തിൽ ലൈസൻസ് നൽകിയിരിക്കുന്നുവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണത്തക്കവിധത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസൻസി തന്റെ പേരും ലൈസൻസിന്റെ നമ്പരും ഉദ്ദേശ്യവും കാണിക്കുന്ന ഒരു അടയാളപ്പലക വെച്ചിരിക്കേണ്ടതാണ്.
4. പഞ്ചായത്തിൽനിന്നും അനുവാദം സിദ്ധിച്ച ശേഷമല്ലാതെ തൊഴിൽസ്ഥലം മാറ്റാൻ പാടില്ലാത്തതും തൊഴിൽ നിർത്തുന്ന പക്ഷം വിവരം മുൻകൂട്ടി പഞ്ചായത്തിൽ അറിയിക്കേണ്ടതാകുന്നു.
5. തൊഴിൽസ്ഥലവും പരിസരങ്ങളും വൃത്തിയായും സാംക്രമികരോഗാണുക്കൾ ഉണ്ടാകാത്തവിധത്തിലും പൊതുജനോപദ്രവമാകാത്ത വിധത്തിലും വ്യാപാരത്തിനു വെച്ചിട്ടുള്ള ക്ഷേണപദാർത്ഥങ്ങൾ ഈച്ച, അണുക്കൾ, പൊടി മുതലായവയുടെ ശല്യം ഉണ്ടാകാത്ത വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ്.
6. ഏതൊരു പ്രവൃത്തിദിവസത്തിന്റെയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേണ്ടതാണ്.
7. ആ സ്ഥലത്തിന്റെയോ പരിസരത്തിന്റെയോ ഏതെങ്കിലും ഭാഗത്ത് വീഴുകയോ നിക്ഷേപിക്കപ്പെടുകയോ ചെയ്യുന്ന ചപ്പുചവറോ മൃഗങ്ങളുടെ അവശിഷ്ടങ്ങളോ മറ്റു പദാർത്ഥമോ ശേഖരിച്ച് സെക്രട്ടറിക്ക് തൃപ്തികരമായ രീതിയിൽ നീക്കം ചെയ്യിക്കേണ്ടതാണ്.
8. ലൈസൻസി ഏതൊരു കെട്ടിടത്തിന്റെയും ചുമരുകളുടെ അകവശത്തിന്റെ ഏതൊരു ഭാഗവും മേൽപ്പറഞ്ഞ പരിസരത്തിലുള്ള തറയും നടപ്പാതയും അവിടെ തെറിച്ചുവീഴാനിടയുള്ള ഏതെങ്കിലും ദ്രാവകമോ, മാലിന്യമോ ചപ്പുചവറോ അസഹ്യവും ഉപദ്രവകരവുമായ ഏതെങ്കിലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് തടയത്തക്കവിധം എപ്പോഴും നന്നായി കേടുപാടു തീർത്തു നിവർത്തിക്കേണ്ടതാണ്.
9. ലൈസൻസി മേൽപ്പറഞ്ഞ സ്ഥലത്തോ, പരിസരത്തോ അതോടുചേർന്നുള്ള ഏതൊരു ഓവുചാലും അഴുക്കുജലം കളയുന്നതിനുള്ള ഉപകരണവും എപ്പോഴും നന്നായി കേടുപാടുതീർത്തും വെപ്പിക്കേണ്ടതാണ്.
10. അധിതന്തം ആചരിക്കുന്ന കടകളുടെ ലൈസൻസ് റദ്ദ് ചെയ്യുന്നതാണ്.
11. ഏതെങ്കിലും തരത്തിലുള്ള തപ്ത് രോഗമോ കുഷ്മാരോഗമോ, വ്രണമോ പകർച്ചവ്യാധികളോ ഉള്ള യാതൊരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന സ്ഥലത്തും പരിസരത്തും പ്രവർത്തിക്കുവാൻ പാടില്ലാത്തതാകുന്നു.
12. 50 മൈക്രോണിൽ കുറവുള്ള പ്ലാസ്റ്റിക്കുകളും മറ്റു നിരോധിത പ്ലാസ്റ്റിക് ഇനങ്ങളും ഉൽപ്പാദിപ്പിക്കുകയോ ശേഖരിക്കുകയോ വിൽക്കുകയോ കൈകാര്യം ചെയ്യുകയോ ചെയ്യാൻ പാടില്ല.
13. സ്ഥാപനത്തിന്റെ ബോർഡിൽ സ്ഥലനാമം മലയാളത്തിലും ഇംഗ്ലീഷിലും രേഖപ്പെടുത്തേണ്ടതാണ്.
14. 20 സീറ്റിൽ കൂടുതലുള്ള എല്ലാ ഹോട്ടലുകൾക്കും റെസ്റ്റോറന്റുകൾക്കും ടോയിലെറ്റ് സൗകര്യം ഏർപ്പെടുത്തേണ്ടതാണ്.
15. നിരോധിത ഉൽപ്പന്നങ്ങളായ പാൻമസാല, ഗുഡ് തുടങ്ങിയവ സംഭരിച്ചു വെക്കുവാനോ വിൽക്കുവാനോ പാടില്ല.
16. ബാലവേല അനുവദിക്കുവാൻ പാടില്ല.
17. മുകളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളുടെ ലംഘനം ഈ ലൈസൻസ് റദ്ദ് ചെയ്യുന്നതിന് കാരണമാകാവുന്നതാണ്.

സെക്രട്ടറി

N.8. ഈ ലൈസൻസ് അവസാനിക്കുന്ന തീയതിക്ക് മുമ്പതു ദിവസം മുൻ ലൈസൻസ് പുതുക്കുന്നതിനുള്ള അപേക്ഷ സമർപ്പിക്കേണ്ടതാണ്.



ലൈസൻസ് നമ്പർ : -2008/21/2021-22-.. 2

തീയതി : 01/04/2021

ചിതറ ഗ്രാമപ്പഞ്ചായത്തിൽനിന്നും

1994ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകളും അതേ തുടർനുള്ള ചട്ടങ്ങളും അനുസരിച്ച്

ഫാക്ടറികൾ, വ്യാപാരങ്ങൾ, സംരംഭങ്ങൾ, മറ്റു സേവനങ്ങൾ എന്നിവയ്ക്കായി നൽകുന്ന

ലൈസൻസ്

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	ജോസഫ്ജേക്കോബ് (മാനേജിംഗ് ഡയറക്ടർ), പോബ്സ് എൻറൈപ്രൈസസ് പ്രൈവറ്റ് ലിമിറ്റഡ് (പി.ഒ) തിരുവല്ല, പത്തനംതിട്ട	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	പോബ്സ് എൻറൈപ്രൈസസ് പ്രൈവറ്റ് ലിമിറ്റഡ്	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	പാറ ഖനനം നടത്തുന്നതിന്	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	12 / 401	
ലൈസൻസ് കാലയളവ്	01-04-2021 മുതൽ 13-11-2022 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	125,000 + 3,500/- രൂപ	രസീത് നമ്പർ 11801050034 തീയതി 20-02-2019
	തൊഴിൽക്കരം	
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാകേഷപത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)	<ol style="list-style-type: none"> 1. മലിനീകരണനിയന്ത്രണ ബോർഡിൽനിന്നുള്ള അനുമതി ... PCB/KO/ICO/G/221/2018 ... 27-06-2018 2. ജില്ലാ കളക്ടറുടെ / ചീഫ് കൺട്രോളർ ഓഫ് എക്സ്പ്ലോസീവിന്റെ അനുവാദപത്രം 3. മൈനിംഗ് & ജിയോളജി വകുപ്പിൽനിന്നുള്ള അനുമതി 4. സ്റ്റേറ്റ് എൻവയൺമെന്റൽ ഇംപാക്ട് അസസ്മെന്റ് അതോറിറ്റിയുടെ അനുമതി 5. പാറ പൊട്ടിക്കുന്ന ആളുടെ വൈദഗ്ധ്യം സംബന്ധിച്ച സാക്ഷ്യപത്രം 	



(ഓഫീസ് മുദ്ര)

സെക്രട്ടറി
ചിതറ ഗ്രാമപ്പഞ്ചായത്ത്

Chithara Grama Panchayat
Kollam Dist., Kerala, India

ലൈസൻസി താഴെപ്പറയുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു

1. കേരള പഞ്ചായത്ത് രാജ് ആക്ടും അതേത്തുടർന്നുള്ള ചട്ടങ്ങളും ബൈലോകളും അനുസരിച്ചു പ്രവർത്തിക്കേണ്ടതാകുന്നു.
2. തൊഴിൽസ്ഥലവും അതിലുള്ള സാധനസാമഗ്രികളും പഞ്ചായത്ത് അധികാരികൾക്കോ / സെക്രട്ടറി അധികാരപ്പെടുത്തുന്ന മറ്റ് ഉദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസൻസി വേണ്ട സൗകര്യങ്ങൾ നൽകേണ്ടതും അവർ ആവശ്യപ്പെട്ടാൽ ഈ ലൈസൻസ് കാണിക്കേണ്ടതുമാകുന്നു.
3. ഏതു സ്ഥലത്തിന്റെ കാര്യത്തിൽ ലൈസൻസ് നൽകിയിരിക്കുന്നുവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണത്തക്കവിധത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസൻസി തന്റെ പേരും ലൈസൻസിന്റെ നമ്പരും ഉദ്ദേശ്യവും കാണിക്കുന്ന ഒരു അടയാളപ്പലക വെച്ചിരിക്കേണ്ടതാണ്.
4. പഞ്ചായത്തിൽനിന്നും അനുവാദം സിദ്ധിച്ച ശേഷമല്ലാതെ തൊഴിൽസ്ഥലം മാറ്റാൻ പാടില്ലാത്തതും തൊഴിൽ നിർത്തുന്ന പക്ഷം വിവരം മുൻകൂട്ടി പഞ്ചായത്തിൽ അറിയിക്കേണ്ടതുമാകുന്നു.
5. തൊഴിൽസ്ഥലവും പരിസരങ്ങളും വൃത്തിയായും സാംക്രമികരോഗാണുക്കൾ ഉണ്ടാകാത്തവിധത്തിലും പൊതുജനോപദ്രവമാകാത്ത വിധത്തിലും വ്യാപാരത്തിനു വെച്ചിട്ടുള്ള ഭക്ഷണപദാർത്ഥങ്ങൾ ഈച്ച, അണുക്കൾ, പൊടി മുതലായവയുടെ ശല്യം ഉണ്ടാകാത്ത വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ്.
6. ഏതൊരു പ്രവൃത്തിദിവസത്തിന്റെയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേണ്ടതാണ്.
7. ആ സ്ഥലത്തിന്റെയോ പരിസരത്തിന്റെയോ ഏതെങ്കിലും ഭാഗത്ത് വീഴുകയോ നിക്ഷേപിക്കപ്പെടുകയോ ചെയ്യുന്ന ചപ്പുചവറോ മൃഗങ്ങളുടെ അവശിഷ്ടങ്ങളോ മറ്റു പദാർത്ഥമോ ശേഖരിച്ച് സെക്രട്ടറിക്ക് തൃപ്തികരമായ രീതിയിൽ നീക്കം ചെയ്യിക്കേണ്ടതാണ്.
8. ലൈസൻസി ഏതൊരു കെട്ടിടത്തിന്റെയും ചുമരുകളുടെ അകവശത്തിന്റെ ഏതൊരു ഭാഗവും മേൽപ്പറഞ്ഞ പരിസരത്തിലുള്ള തറയും നടപ്പാതയും അവിടെ തെറിച്ചുവീഴാനിടയുള്ള ഏതെങ്കിലും ഭാവകമോ, മാലിന്യമോ ചപ്പുചവറോ അസഹ്യവും ഉപദ്രവകരവുമായ ഏതെങ്കിലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് തടയത്തക്കവിധം എപ്പോഴും നന്നായി കേടുപാടു തീർത്തു നിന്നിരിക്കേണ്ടതാണ്.
9. ലൈസൻസി മേൽപ്പറഞ്ഞ സ്ഥലത്തോ, പരിസരത്തോ അതോടുചേർന്നുള്ള ഏതൊരു ഓറുചാലും അഴുക്കുജലം കളയുന്നതിനുള്ള ഉപകരണവും എപ്പോഴും നന്നായി കേടുപാടുതീർത്തും വെപ്പിക്കേണ്ടതാണ്.
10. അയിത്തം ആചരിക്കുന്ന കടകളുടെ ലൈസൻസ് റദ്ദ് ചെയ്യുന്നതാണ്.
11. ഏതെങ്കിലും തരത്തിലുള്ള തപക് രോഗമോ കുഷ്ഠരോഗമോ, വ്രണമോ പകർച്ചവ്യാധികളോ ഉള്ള യാതൊരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന സ്ഥലത്തും പരിസരത്തും പ്രവർത്തിക്കുവാൻ പാടില്ലാത്തതാകുന്നു.
12. 50 മൈക്രോണിൽ കുറവുള്ള പ്ലാസ്റ്റിക്കുകളും മറ്റു നിരോധിത പ്ലാസ്റ്റിക് ഇനങ്ങളും ഉൽപ്പാദിപ്പിക്കുകയോ ശേഖരിക്കുകയോ വിൽക്കുകയോ കൈകാര്യം ചെയ്യുകയോ ചെയ്യാൻ പാടില്ല.
13. സ്ഥാപനത്തിന്റെ ബോർഡിൽ സ്ഥലനാമം മലയാളത്തിലും ഇംഗ്ലീഷിലും രേഖപ്പെടുത്തേണ്ടതാണ്.
14. 30 സീറ്റിൽ കൂടുതലുള്ള എല്ലാ ഹോട്ടലുകൾക്കും റെസ്റ്റോറന്റുകൾക്കും ടോയിലെറ്റ് സൗകര്യം ഏർപ്പെടുത്തേണ്ടതാണ്.
15. നിരോധിത ഉൽപ്പന്നങ്ങളായ പാൻമസാല, ഗുഡ് തുടങ്ങിയവ സംഭരിച്ചു വെക്കുവാനോ വിൽക്കുവാനോ പാടില്ല.
16. ബാലവേല അനുവദിക്കുവാൻ പാടില്ല.
17. മുകളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളുടെ ലംഘനം ഈ ലൈസൻസ് റദ്ദ് ചെയ്യുന്നതിന് കാരണമാകാവുന്നതാണ്.

സെക്രട്ടറി

N.B. ഈ ലൈസൻസ് അവസാനിക്കുന്ന തീയതിക്ക് മുമ്പുതന്നെ വിവരം മുമ്പ് ലൈസൻസ് പുതുക്കുന്നതിനുള്ള അപേക്ഷ സമർപ്പിക്കേണ്ടതാണ്.



भारत सरकार | Government of India
वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो) | Petroleum & Explosives Safety Organisation (PESO)
पूर्व नाम: विस्फोटक विभाग | Formerly - Department of Explosives
केन्द्रीय भवन, ब्लॉक सी-2, तीसरी मंजिल | Kendriya Bhavan, Block C-2, 3rd Floor
CSEZ पी ओ कक्कनाड कोच्ची | CSEZ PO Kakkanaad Dist. Ernakulam Ernakulam 682037
फोन (Phone) - 2427286 | फैक्स (Fax) - 2427276
ई-मेल Email: dyccernakulam@explosives.gov.in

संख्या (No.): E/SC/KL/22/1537(E64133)

दिनांक (Date): 02/03/2021

सेवा में | To,

Shri. JOSEPH JACOB, Managing Director,
M/s. POABS ENTERPRISES PVT LTD., Kuttoor Post, Tiruvalla, Town/Village - Tiruvalla
District-PATHANAMTHITTA, State-Kerala, Pincode - 689 106

विषय: Survey No.268/5/2 of Block No.56, ग्राम Chithara(v), Kottarakkara-Taluk, जिला KOLLAM, राज्य Kerala में विस्फोटक के मगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/1537(E64133) के नवीनीकरण संदर्भ में।
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 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या Nil दिनांक 18/02/2021 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक 31/3/2026 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।
Reference to your letter No. Nil dated: 18/02/2021, the subject licence duly renewed upto 31/3/2026 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith

Conditions:

1)EXPLOSIVES SHALL BE USED ONLY AFTER HAVING A VALID QUARRYING LEASE FROM THE DIRECTOR OF MINING & GEOLOGY . PLEASE NOTE THAT THE USE OF EXPLOSIVES IN THE QUARRIES SHALL BE AS PER THE DIRECTION OF DGMS, BANGALORE AS REQUIRED UNDER MINES ACT 1952 AND METALIFEROUS MINES REGULATIONS 1961.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/ 2026 से पहले इस कार्यालय को भेजे जाएं

For further renewal of licence, please submit the following documents so as to reach this office on or before 31/3/2026.

- प्ररूप आरई-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन।
Application in Form RE-1 duly filled in and signed.
- एक से पाँच वर्ष के अनुज्ञप्ति शुल्को का, विस्फोटक नियम, 2008 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से लाइसेंस शुल्क ऑनलाइन जमा किया जाना है।
Licence fees renewable for one to five years, to be submitted online through e-payment facility available on online application portal under the Explosives Rules, 2008
- अनुमोदित प्लान के साथ मूल अनुज्ञप्ति।
Original licence with approved plan
- कृपया इस संबंध में विस्फोटक नियम, 2008 के नियम 112 का भी संदर्भ ग्रहण करें।
In this connection, please also refer to Rule 112 of Explosives Rules, 2008.
- विस्फोटकों के क्रय हेतु आरई-11 में मांगपत्र (इंडेंट) आपूर्तिकर्ता को दिया जाए और उसी की एक प्रति इस कार्यालय को भेजी जाए (आतिशबाजी गोदाम के लिए लागू नहीं है)।
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)
- कृपया विस्फोटकों की त्रैमासिक विवरणी हर तिमाही के अंत में आरई-7 में प्रस्तुत की जाए। विवरणी इस कार्यालय के कार्यालय में आगामी तिमाही के 10 तारीख से पहले पहुंच जानी चाहिए (आतिशबाजी गोदाम के लिए लागू नहीं है)। 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)
- सभी ब्लास्टिंग आपरेशन एक सक्षम द्वारा की जाएगी जो उपरोक्त नियमों के तहत एक वैध शॉट फायर प्रमाणपत्र धारक हो। हालांकि, खान अधिनियम 1952 के अधीन आने वाले खानों में ब्लास्टिंग आपरेशन करने वाले ब्लास्टर की योग्यता उसी अधिनियम से निर्धारित हो।
All blasting operations shall be carried out by a competent person holding a valid shot firer's permit granted under above rules. However, blasting operations in mines coming under the purview of the Mines Act 1952, the blaster shall have qualifications prescribed in the regulations framed under the said Act

भवदीय | Your's faithfully

(आर.वेणुगोपाल | Dr. R. Venugopal)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची | Ernakulam

प्रतिलोप प्रेषित | Copy Forwarded to:

1. जिला मजिस्ट्रेट (District Magistrate), KOLLAM (Kerala)- सूचना के लिए (for information.)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची | Ernakulam

अनुज्ञापते प्ररुप एल. ई.-3 | LICENCE FORM LE-3

(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)

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

(ग) उपयोग के लिए एक समय पर वर्ग 1,2,3,4,5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक रखने के लिए अनुज्ञापति

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

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

वार्षिक फीस रुपए (Annual Fee Rs): 3000/-



1. Licence is hereby granted to

Shri. JOSEPH JACOB, Managing Director, (अधिभोगी / 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

को अनुज्ञापति अनुदत्त की जाती है।

2. अनुज्ञापतिधारी की प्राप्ति | Status of licensee : Company

3. अनुज्ञापति निम्नलिखित प्रयोजनों के लिए विधिमन्य है।

Licence is valid only for the following purpose.

possess for use of Nitrate Mixture, Safety Fuse, Ordinary Detonator, Electric Detonators, Non Electric (Nonel) detonators, - के उपयोग के लिए

4. अनुज्ञापति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमन्य है।

Licence is valid for the following kinds and quantity of explosives: -- (क) (a)

क्र Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में 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.
5.	Non Electric (Nonel) detonators	6,3	0	5000 Nos.

(ख) किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञापति के लिए]

20 times
as above.

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

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञापति परिसर की पुष्टि होती है।

The licensed premises shall conform to the following drawing(s) :

रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1537
(E64133)
दिनांक (Dated) 13/02/2013

6. अनुज्ञापति परिसर निम्नलिखित पते पर स्थित हैं। The licensed premises are situated at following address:

Survey No. 268/5/2 of Block No.56 , ग्राम (Town/Village) : Chithamangal Kuttarakkara Taluk, Kollam
जिला (District) KOLLAM राज्य (State) Kerala पिनकोड (Pincode) 691541
दूरभाष (Phone) 04743294866 ई. मेल (E-Mail) mail@poabs.com फेक्स (Fax)

7. अनुज्ञापति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

The licensed premises consist of following facilities.

Constructed Type A. magazine for explosives with Lobby and Detonator rooms as per Specification 2 of Schedule VII of ER-2008

8. अनुज्ञापति समय - समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबद्धों के अधीन रहते हुए अनुदत्त की जाती है।

The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the

following Annexures.

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

9. यह अनुज्ञप्ति तारीख 31 मार्च 2016 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2016.

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

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.

तारीख | The Date - 13/02/2013

संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller
of Explosives
South Circle, Chennai

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 27/06/2013
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 21/05/2018
- Change in Authorized Signatory/Occupier/Partners/Directors dated : 21/05/2018
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 20/12/2019

नवीनीकरण के पृष्ठांकन के लिए स्थान
Space for Endorsement of Renewal

नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature of licensing authority and stamp
02/03/2021	31/03/2026	Dy. Chief Controller of Explosives, Ernakulam

उप मुख्य विस्फोटक नियंत्रक
Deputy Chief Controller of Explosives
एरनाकुलम Ernakulam

कानूनी चेतावनी : विस्फोटकों को गलत ढंग से चलाने या उनका दुरुपयोग विधि के अधीन गंभीर दांडिक अपराध होगा।

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

MPs asked to take up state's rail projects with Centre

EXPRESS NEWS SERVICE
By P. Mani

THE MP's conference convened here on Tuesday asked the winter session of Parliament to take up pressing issues concerning various departments with the Union ministers. In the meeting attended by Rajya Sabha deputy chairman P. J. Kurian, Chief Minister Pinarayi Vijayan asked the MPs to take up issues relating to the railway sector.

The government pointed out that new rail lines were required from Kollam to Thiruvananthapuram in 120 km to link the Vithiyannur International Transshipment Terminal and a line to link the Cochin International Airport.



Kerala MPs at a conference convened by Chief Minister Pinarayi Vijayan at Thiruvananthapuram on Tuesday, ahead of the winter session of Parliament. To discuss the state's demands to be before the Centre. **SAVITHRI SATHYAN**

NOTICE

Link India India Pvt. Ltd. CIN: U01908MH1999PTC118368, SMC, Chawangan Road, 3rd Floor, Kollam-700002 (Link India Carbon Black Limited)

Notice is hereby given that the following Share Certificate No. standing in the names of A. Nataraj Kurian, Yousuf Kariyappan, Quater-401210, Kollam, have lost and application for issue of duplicate certificates in respect thereof has been made to the company to whom it is due Register Link India India Pvt. Ltd. - Kollam, any application for the same must be made to the company from the date of this announcement. Thereafter the company will proceed to issue of duplicate certificates. The public is cautioned against dealing in shares with these shares.

Folio No.	Share Certificate No.	Distinctive No.	No. of Shares
A/01070	248897	13411372 to 13411378	50
	248898	13411379 to 13411384	50
	248899	13411385 to 13411390	50
	248900	13411391 to 13411396	50
	248901	13411397 to 13411402	50
	248902	13411403 to 13411408	50
	248903	13411409 to 13411414	50
	248904	13411415 to 13411420	50
	248905	13411421 to 13411426	50
	248906	13411427 to 13411432	50
	248907	13411433 to 13411438	50
	248908	13411439 to 13411444	50
	248909	13411445 to 13411450	50
	248910	13411451 to 13411456	50
	248911	13411457 to 13411462	50
	248912	13411463 to 13411468	50
	248913	13411469 to 13411474	50
	248914	13411475 to 13411480	50
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	248925	13411541 to 13411546	50
	248926	13411547 to 13411552	50
	248927	13411553 to 13411558	50
	248928	13411559 to 13411564	50
	248929	13411565 to 13411570	50
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	249143	13412849 to 13412854	50
	249144	13412855 to 13412860	50
	249145	13412861 to 13412866	50
	249146	13412867 to 13412872	50
	249147	13412873 to 13412878	50
	249148	13412879 to 13412884	

Chithara Grama Panchayat		A8039354
Phone:		
ACKNOWLEDGEMENT (Not for Cash Transactions)		
Card No	8233	Year 2017
Date of Receipt	30/11/2017	
Name of Applicant	poabs enterprises pvt ltd, kollayil	
Subject	environment clearance survey no 259/1 and others	
Name of Secretary	B2	
Remarks :		
Counter No. & Staff :	30/11/2017 10:38:26AM	
	Secretary	

KREWS (GLM, KANJIKODE) 2014

Cheques are subject to realisation

ANNEXURE 22



Photograph showing the Details of the environmental clearance prominently displayed in a metallic board



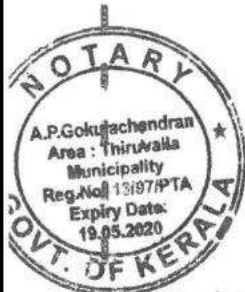
കേരളം കേരल KERALA

AR 844948

Affidavit

I, Thomas Jacob, Kuttoor Village, Thiruvalla Taluk, Pathanamthitta District, Kerala state do hereby solemnly affirm and state as follows.

I am the Director of M/s Poabs Enterprises Pvt. Ltd. and empowered to swear this affidavit for and on behalf of the said company.



A.P. Gokulachandran

A.P. Gokula Chandran, B.A.; LL.B.
Advocate & Notary
Roll No: K/86/71 Thiruvalla.

210: 7512
17.10.2017

എ.പി. ഗോകുലചന്ദ്രൻ
അഡ്വക്കേറ്റ് & നോട്ടറി
തിരുവാല്ലാ പോബ്സ് എന്റർപ്രൈസസ് പ്രൈവറ്റ് ലിമിറ്റഡ്
എന്ന കമ്പനിയുടെ പേരിൽ

Page 1 of 4





കേരളം KERALA

AR 844949

1. We have applied for environmental clearance certificate for conducting quarry operations at Survey Nos. 259/1, 256/4, 265/1, 272/1, 272/7, 272/6, 271/3, 271/6, 273/1, 270/1, 265/2, 271/2, 270/2, 269/2, 272/2-2, 273/3, 274/1-2, 268/9-2, 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, Kollam District, Kerala.



210:7513
17-10-2017

അപൂർവ്വതയോടെ
യഥാർത്ഥം പ്രാപ്തം ചെയ്ത
ഒരുപക്ഷേപമില്ലാത്ത വിവരങ്ങൾ
കൊടുത്തു

A.P. Gokulachandran

A.P. Gokula Chandran, B.A; LL.B.
Advocate & Notary
Roll No:K/86/71 Thiruvalla.

കിരീടം നൽകി
എ. പി. ഗോകുല





കേരളം KERALA

AR 844950

2. We will implement CSR Actives as explained in the proposal or as directed by the SEIAA.
3. All the general and specific conditions imposed by SEIAA will also be complied.
4. If any rare, endemic and threatened plant species are noticed, they shall be properly protected insitu or transplanted to a suitable site inside the lease area.



DEPONENT

A.P. Gokula Chandran, B.A./LL.B.,
Advocate & Notary
Roll No:K/86/71 Thiruvalla.

21017514
17.10.2017

അപ്രകാരം, കോടതി രേഖകൾ
അനുബന്ധം പോലെ ചേർക്കപ്പെട്ടിരിക്കുന്നു.
ലിജിസ്റ്റർ. ജി.കെ.പി. രാമചന്ദ്രൻ

കോടതി രേഖകൾ
എ.പി. 2017



Page 3 of 4



കേരളം KERALA

AR 844951

Verification:

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

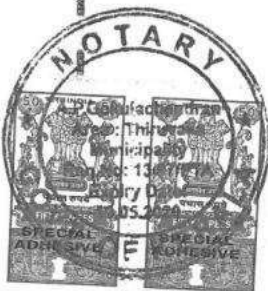
[Signature]
DEPONENT

Place: Kollam

Date: 17/10/2017

Solemnly affirmed and signed before me by the deponent who is personally known to me in my office at Thiruvalla on this the 17th day of October 2017.

[Signature]
A.P. Gokula Chandran, B.A., LL.B.
Advocate & Notary
Roll No: K/86/71 Thiruvalla.



KL10: 7515
17.10.2017

കാഴ്ചയിൽ, കോ. വന്നു കൂട്ടുകൾ
വർഷം 2017-18, പത്താം വർഷം
പ്രവർത്തനം പറ്റി പഠിപ്പിക്കുക

കോ. വന്നു കൂട്ടുകൾ
പത്താം വർഷം





POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, N. KALAMASSERY P. O., ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, 9747400089, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT


Page 01 of 01

Client Name & Address	Certificate No:	PL/AMB/RT/1448/2021
M/s Poabs Enterprises Pvt. Ltd Kottarakkara, Kollam	Date of issue:	18/02/2021
	Date of monitoring	12/02/2021 11.00 Hrs to 13/02/2021 11.00 Hrs
	Date of sample received:	13/02/2021
	Date of analysis	15/02/2021
	Monitoring Location	M/s. Poabs Enterprises Pvt Ltd. Survey Nos. 259/1, 256/4, 265/1, 272/1, 272/7, 272/6, 271/3, 271/6, 273/1, 270/1, 265/2, 271/2, 270/2, 269/2, 272/2-2, 273/3, 274/1-2, 268/9-2, 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 Village: Chithara Panchayath: Chithara Taluk:Kottarakara District :Kollam,Kerala
	Sample description	Ambient air -Near East side boundary
	Sample code given by client	Nil

SL NO	PARAMETERS	TEST METHOD	RESULTS	Limit as per NAAQS
01	Particulate Matter (PM ₁₀)	IS 5182 Part 23 2006RA2012	60.3 µg/m ³	100 µg/m ³
02	Particulate Matter (PM _{2.5})	CPCB	24.1 µg/m ³	60 µg/m ³
03	Sulphur dioxide	IS 5182 Part 2 2001 RA 2017	7.4 µg/m ³	80 µg/m ³
04	Nitrogen dioxide	IS 5182 Part 06 2006 RA2017	8.1 µg/m ³	80 µg/m ³

Note: NAAQS-National Ambient Air Quality Standards

* End of the Report*

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 POLUCHEM LABORATORIES (P) LTD.  AUTHORIZED SIGNATORY SREEJA RAMESH QUALITY MANAGER
---	---

ANNEXURE 25



Photograph showing the overburden dumping area scientifically vegetated with suitable native species and foot walls



Photograph showing the Storm water pond

Air, water and Sound Analysis Reports



POLUCHEM LABORATORIES (P) LTD.

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ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 01

Ref.No. PL/RT/OW/1450/2021

Name & address of customer

Project Site

Date of Issue: 18/02/2021

: M/s Poabs Enterprises Pvt. Ltd, Kollam

: M/s. Poabs Enterprises Pvt Ltd.

Survey Nos. 259/1, 256/4, 265/1, 272/1, 272/7, 272/6,
271/3, 271/6, 273/1, 270/1, 265/2, 271/2, 270/2, 269/2,
272/2-2, 273/3, 274/1-2, 268/9-2, 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

Village: Chithara

Panchayath: Chithara

Taluk:Kottarakara

District :Kollam,Kerala

Sample drawn by

Sample description

Location of sampling

Date of sample collected

Date of analysis started

Date of completion of analysis

: Poluchem Laboratory Sample Collector

: Drinking Water

: Open Well Water- North Side

: 13/02/2021

:13/02/2021

: 17/02/2021

Parameters tested	Test method	Results	Acceptable Limit As Per IS 10500-2012
Color	IS 3025 (P) 04 – 1983 RA2017	5 Hazen Unit	5 Hazen Unit
Odour	IS 3025 (P) 05 – 1983 RA2017	Agreeable	Agreeable
Turbidity	IS 3025 (P) 10 – 1984 RA2017	1 NTU	1 NTU
pH	IS 3025 (P) 11 – 1983 RA 2017	6.87	6.5 – 8.5
Total Dissolved Solids	IS 3025 (P) 16 – 1984 RA2017	74mg/l	500 mg/l
Total Hardness as CaCO ₃	IS 3025 (P) 21 – 1983 RA2014	20.6 mg/l	200 mg/l
Total Alkalinity as CaCO ₃	IS 3025 (P) 23 – 1986 RA2014	12.6 mg/l	200 mg/l
Residual Chlorine	IS 3025 (P) 26 – 1986 RA2014	BDL	0.2 mg/l
Chloride as Cl ⁻	IS 3025 (P) 32 – 1988 RA2014	13.7 mg/l	250 mg/l
Calcium as Ca	IS 3025 (P) 40 – 1991 RA2014	4.87 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 – 1994 RA2014	1.98 mg/l	30 mg/l
Total Iron as Fe	IS 3025 (P) 53 – 2003 RA2014	0.09 mg/l	1 mg/l
Sulphate as SO ₄	IS 3025 (P) 24 – 1986 RA2009	6.3 mg/l	200 mg/l
Fluoride as F	IS 3025 (P) 60 -2008 RA 2013	BDL	1.0 mg/l
Zinc as Zn	IS 3025 (P)49 – 1994 RA2014	BDL	5 mg/l
Manganese as Mn	IS 3025(P) 59– 2006 RA2017	BDL	0.1 mg/l
Cadmium as Cd	IS 3025(P) 41– 1992 RA2014	BDL	0.003 mg/l
Lead as Pb	IS 3025(P) 47– 1994 RA2014	BDL	0.01 mg/l
Coliforms(MPN/100ml)	IS 1622: 1981 RA 2009	Absent	Absent
Ecoli (Present or Absent/100ml)	IS 1622: 1981 RA 2009	Absent	Absent

Note : BDL – Below Detection Level

For Poluchem Laboratories (P) Ltd.

* End of the report*

SREEJA RAMESH
QUALITY MANAGER

POLUCHEM LABORATORIES (P) LTD.

The above results are related only to the sample submitted for analysis. This test report shall not be reproduced except in full, without the written approval of the laboratory.



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TEST REPORT

Page 01 of 01

Client Name & Address	Certificate No:	PL/AMB/RT/1448/2021
M/s Poabs Enterprises Pvt. Ltd Kottarakkara, Kollam	Date of issue:	18/02/2021
	Date of monitoring	12/02/2021 11.00 Hrs to 13/02/2021 11.00 Hrs
	Date of sample received:	13/02/2021
	Date of analysis	15/02/2021
	Monitoring Location	M/s. Poabs Enterprises Pvt Ltd. Survey Nos. 259/1, 256/4, 265/1, 272/1, 272/7, 272/6, 271/3, 271/6, 273/1, 270/1, 265/2, 271/2, 270/2, 269/2, 272/2-2, 273/3, 274/1-2, 268/9-2, 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 Village: Chithara Panchayath: Chithara Taluk:Kottarakara District :Kollam,Kerala
	Sample description	Ambient air -Near East side boundary
	Sample code given by client	Nil

SL NO	PARAMETERS	TEST METHOD	RESULTS	Limit as per NAAQS
01	Particulate Matter (PM ₁₀)	I S 5182 Part 23 2006RA2012	60.3 µg/m ³	100 µg/m ³
02	Particulate Matter (PM _{2.5})	CPCB	24.1 µg/m ³	60 µg/m ³
03	Sulphur dioxide	I S 5182 Part 2 2001 RA 2017	7.4 µg/m ³	80 µg/m ³
04	Nitrogen dioxide	IS 5182 Part 06 2006 RA2017	8.1 µg/m ³	80 µg/m ³

Note: NAAQS-National Ambient Air Quality Standards

* End of the Report*

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
POLUCHEM LABORATORIES (P) LTD.


AUTHORIZED SIGNATORY
SREEJA RAMESH
QUALITY MANAGER



POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

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ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 01

Client Name & Address	Certificate No:	PL/RT/SD/1449/2021
	Date of issue:	18/02/2021
	Date of monitoring	12/02/2021 - 13/02/2021
M/s Poabs Enterprises Pvt. Ltd Kottarakkara Kollam.	Monitoring Location	M/s. Poabs Enterprises Pvt Ltd, Survey Nos. 259/1, 256/4, 265/1, 272/1, 272/7, 272/6, 271/3, 271/6, 273/1, 270/1, 265/2, 271/2, 270/2, 269/2, 272/2-2, 273/3, 274/1-2, 268/9-2, 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 Village: Chithara Panchayath: Chithara Taluk: Kottarakara District : Kollam, Kerala
	Sample Description	Ambient Sound Level - East Side

HOURLY INTERVAL	RESULT	HOURLY INTERVAL	RESULT
06.00 AM-07.00 AM	39.8 dB (A)	11.00 PM-12.00 AM	38.4 dB (A)
07.00 AM- 08.00 AM	38.4 dB (A)	12.00 AM-01.00 AM	37.4 dB (A)
08.00 AM- 09.00 AM	42.1 dB (A)	01.00 AM- 02.00 AM	36.5 dB (A)
09.00 AM -10.00 AM	46.8 dB (A)	02.00 AM-03.00 AM	35.2 dB (A)
10.00 AM-11.00 AM	48.7 dB (A)	03.00 AM-04.00 AM	36.3 dB (A)
11.00 AM-12.00 PM	52.1 dB (A)	04.00 AM -05.00 AM	37.4 dB (A)
12.00 PM-01.00 PM	50.3 dB (A)	05.00 AM-06.00 AM	36.8 dB (A)
01.00 PM-02.00 PM	52.4 dB (A)		
02.00 PM-03.00 PM	53.7 dB (A)		
03.00 PM-04.00 PM	52.1 dB (A)		
04.00 PM-05.00 PM	48.6 dB (A)		
05.00 PM-06.00 PM	47.2 dB (A)		
06.00 PM-07.00 PM	46.4 dB (A)		
07.00 PM-08.00 PM	45.1 dB (A)		
08.00 PM-09.00 PM	43.7 dB (A)		
09.00 PM-10.00 PM	44.1 dB (A)	LDay	52.4 dB (A)
10.00 PM-11.00 PM	43.2 dB (A)	LNight	36.5 dB (A)

Limits: Industrial Area Day Time-75dB(A), Night Time- 70dB(A), Commercial area Day Time -65 dB(A), Night Time 55dB(A),
Residential area Day Time -55 dB(A), Night Time -45dB(A), Silence zone day time-50dB(A), Night time-40dB(A)
Day Time from 06.00 am to 10.00 pm & Night Time from 10.00 pm to 06.00 am

*End of the Report *

For Poluchem Laboratories (P) Ltd.