

COMPLIANCE REPORT TO THE CONDITIONS OF ENVIRONMENTAL CLEARANCE ORDER NO: 1074/EC4/2016/SEIAA DT. 17/03/2018

BY

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA) FOR PROPOSED QUARRY PROJECT

AT

SURVEY NO. 172pt, KODIYATHOOR VILLAGE AND PANCHAYAT, KOZHIKODE TALUK, KOZHIKODE DISTRICT, KERALA

BY M/S POABS ROCK PRODUCTS PRIVATE LIMITED NELLIKKAPARAMBU P.O. GOTHEMBU ROAD, CALICUT -673602



(October, 2020 - March, 2021)

INTRODUCTION

M/s Poabs Rock Products Pvt. Ltd. is a stone quarry situated at Survey No. 172, Kodiyathoor Village & Panchayat, Kozhikode Taluk, Kozhikode District, Kerala. The quarry project was accorded with the environmental clearance by state Environmental Impact Assessment Authority on 17/03/2018. Six month 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 October 2020 – March, 2021 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

Project team properly protecting the plant species that are endemic to Western Ghats in situ or by transplanting to an appropriate location. We also plan to provide a plant nursery solely for plant species that are endemic to Western Ghats.

PART B - GENERAL CONDITIONS

Condition 1

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

For the water requirements of the current project, we provided rainwater harvesting systems in the project site. It includes one check Dam, excavated pit and a concrete tank having the capacity of 3240000, 1 200 000 and 128000 liters respectively. Photograph showing the same is enclosed as Annexure 1. Details of the rainwater harvesting systems are as follows.

SI.	Туре	Lengt	Width	Heigh	Capacit
No		h	(m)	t	y (L)
		(m)		(m)	
1	Excavated mine pit	30	18	6	3240,00
					0
2	Concrete tank	8	4	4	128,000
3	Check Dam	20	30	2	120000
					0

> 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 has formed with Mr. Binu K. Mathew (Managing Director of the Company) as head of the monitoring cell and made functional. Meeting of monitoring cell has been arranging monthly and discus the status of the compliance of the specific and general conditions in the Environmental clearance order. The details of the monitoring cell members are given below.

SI.	Post	Name
No		

-		
1	Head of the monitoring cell	Mr. Binu K. Mathew
	(Managing Director of the	
	Company)	
2	Head in charge	Mr. Girish Menon
	(Environment)	
3	Senior Environmental	Mr. Navin Xavier
	Officer	
4	Geologist	Mr. Tony Pappachan
5	Name of the environmental	Mr. Ramesh Babu K
	officer in charge at site	
6	Name of the Asst. officer of	Mr. Chinippi Jeevarathnam
	Environment, Health and	
	safety at site	
7	Name of the environmental	M/s Environmental Engineers &
	consultant	Consultants Pvt. Ltd
8	Address of Environmental	M/s Poluchem Laboratory Pvt.
	laboratory	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

There are lot of natural vegetation including trees and shrubs along the sides of parking areas and tarred road. We planted the area with less vegetation by tree saplings. Details of the tree species planted along the road side as follows. Photographs showing the same are given Annexure 2.

SI. No.	Scientific Name	Common Name	Family
1	<i>Casuarina equisetifolia</i> L.	Choolamaram	Casuarinacea e

2	<i>Acacia mangium</i> Wild	Mangium	Leguminosae
3	<i>Mimusops elengi</i> L.	Spanish Cherry/	Sapotaceae
		Elanji	

> Condition 4

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

✓ Compliance

Concerning the current project, solar devises has installed in the project area. Total ten solar lights has installed in the road side, magazine area, office area, and crusher units etc. A Biogas plant and associated small scale cattle, duck and chicken farm is also maintaining in the project site. This all makes the project site a good eco-friendly area. 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

Road system within the crusher, mining area and nearby public roads are watering in regular intervals by sprinkler system installed in Tanker Lories. Fixed sprinkler system has installed in the crusher unit to contain dust emission generated during Crushing & Screening operation. Condition 6

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

10% of the mined out pit will be maintained as water storage area after the closure of the quarry. In the remaining area, it is proposes to develop a green belt after reclaimed with stacked dumping and overburden. As part of the same, we have stored the top soil and overburden in a prefixed area. 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

Subsequent to the closure of the mine, ten percent of the mined out area will be retained 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

About the Corporate Social Responsibility, the amount proposed by the company has been spending for various social activities. The major CSR activities includes; Education support, Drinking water supply, Health support, Promotion

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of Sports and Cultural Activities, Material supply to poor for home construction 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

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.) erected in connection with the present project has 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

We provided warning alarm in the project site and maintaining properly. The blasting time has fixed and is between 1.30pm and 2.30pm. A danger board indicating blasting time has also installed in the project site. Photographs showing same is enclosed as Annexure 4.

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

- * NONEL detonators are using for blasting
- 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

We are carrying out mining operations 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.
- * NONEL Detonators are using for the blasting Purposes.
- * 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.

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- 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 all mining/blasting operations in the project site. Copy of the competent certificate is attached as Annexure 5.

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 enclosed as Annexure 6.

> Condition 16

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

Top soil/Overburden is storing separately in a prefixed location for quarry restoration process after the closure of the mine. The photos showing the same are enclosed as Annexure 7.

Condition 17

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

✓ Compliance

In the current Mining project, bench mode of mining operations are carrying out. We maintaining the proposed height and width of the benches. The photograph showing the bench type mining is enclosed as Annexure 8.

> Condition 18

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

✓ Compliance

Blasting mats to prevent fly rock has provided in the project site. Numerous other safety measures are also setting down to prevent fly rocks cross the lease area, which include; blasting during unfavorable weather conditions has avoided, maintain optimum delay sequence and stem to column ratio to minimize the fly rock distance. We are also using NONEL techniques for all blasting process.

Condition 19

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

✓ Compliance

Regarding the current quarying project, the extraction of mineral is from 340-200m MSL in conceptual phase. 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 operations is carrying out only at regions having a slope lower than 45° only.

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 crusher unit is covered by metal sheet/cement block constructions. Crusher plant has also provided with thick Green belt by planting trees around the crusher unit. The noise level are limiting within the prescribed standards given by CPCB/KSPCB. Photograph showing the crusher unit covered by green belt and metal sheet covering is attached as Annexure 9.

> Condition 22

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

Company provided personal protective devices such as earmuffs, ear plugs, helmet etc. to the workers at the site. Blasting shelters are also arranged in the quarrying site.

> Condition 23

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

✓ Compliance

From the entire lease area, storm water is channelizing in to an excavated pit and stored the storm water in it. This process allows soil particles to settle out prior to discharge. We releasing clarified water from the surface of the pond only. Sediment from the storm water pond is removing periodically. Photograph showing storm water pond is attached as Annexure 10.

> Condition 24

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

✓ Compliance

To regulate dust discharges during transportation, all trucks are covered with tarpaulin sheets after loading. Trucks are not overloading and the loads are maintained to the body level. Photograph showing the loaded trucks covered with tarpaulin sheets is attached as Annexure 11.

> Condition 25

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

Most of the land in the present EC area are already under mining before the EC obtained. Thus the loss of plants are very negligible in connection with the present project. We are planting tree saplings 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

We are storing the spent oil in a secure conditions in the project site itself. We are disposing the spent oil from diesel engines 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 Explosive magazines constructed in isolated place is attached as Annexure 12.

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.

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Condition 29

100 m buffer distance should be maintained from forest boundaries.

✓ Compliance

There is no forest area adjacent to the project site

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 13.

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 statutory approvals required for the quarrying activity has obtained for the present project. The details regarding the same along with the copy of the statutory approvals are enclosed as Annexure 14 and 15. Details of statutory approvals are given below.

SI. No.	Annexur e	Statutory approvals
1	14	License from Panchayat
2	15	License to possess: (c) for use, explosives of class1, 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

We are complying the stipulation by the statutory authorities under different acts and notifications.

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 <u>www.seiaa.kerala.org</u>. The advertisement should be made within 10 days from the date of receipt of the clearance letter and the copy of the same signed in all pages should be forwarded to the office of 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. The copies of the advertisements are provided at Annexure 16 & 17. Details of the newspaper advertisements are given below.

SI.	Annexu	Name of the Newspaper and	Dated
No.	re	edition	
1	16	New Indian Express	29/03/2018
2	17	Mathrubhumi	29/03/2018

> Condition 36

A copy of the clearance letter shall be send by the proponent to concerned Grama panchayat/ District panchayat/ Muncipality/ 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.

A copy of the environmental clearance order was submitted to the Panchayat office. The acknowledgement received is provided at Annexure 18. 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 <u>www.msand.in</u>

> 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

Sixth 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

Details of the environmental clearance prominently displayed in a metallic board of 3 ft x 3 ft with green

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background and yellow letters of Times New Roman fond has installed. Photograph showing the same is attached as Annexure 19

> 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 20.

> 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 sprinklers has installed at places such as 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

Appropriate location in the low elevation has earmarked for dumping the overburden generated during the mining operation. The maximum height of the dump is maintaining below 8m and width 20m and overall slope of the dump are maintaining to 45°. The O.B. dump are scientifically vegetating 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 are also monitoring and managing 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 at suitable areas has constructed around the quarry working, mineral and O.B. dumps to avoid 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 de silting particularly after monsoon and maintained properly.

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 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

The Company ensuring that the ambient air quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard. Effective safe guard measures such as regular water sprinkling are carrying out in critical areas porn to air pollution and having high levels of PM₁₀ and PM₂₅ such as haul road loading and uploading points and transfer points.

> 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.

> Condition 47

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

Different measures are taking to switch 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

A separate Environment Management Cell with suitable qualified personal has formed under the control of a senior executive who is directly reporting to the head of the organization. All the environment management plans and activities are monitored by this cell.

> 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 will not diverted for other purpose. We will reports year wise expenditure of CSR and Environmental protection measures 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) from 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 not withstanding 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.

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Ltd.
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> 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 and 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

At present, we do not withdraw surface water/ground water regarding the present project. We are using harvested rainwater for the entire water needs (Domestic and industrial) of the current 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

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

Condition 61

M/S Poabs Rock Products Pvt. Ltd.

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

✓ Compliance

The Company carrying out the Occupational Health surveillance program of our workers periodically to observe any contractions due to exposure to dust and take corrective measures if needed in connection with Mines Vocational Training.

ANNEXURE 1

M/S Poabs Rock Products Pvt. Ltd.



Photographs showing the rainwater harvesting systems

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Annexure 2





Photographs showing the Road side and parking areas with avenue trees



Annexure 3





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Solar energy devices installed in the project area

Annexure 4





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खान अधिनियम 1952 THE MINES ACT 1952

িরিখি উপী মর্থক মেলদা প্রদান-পর মন্ত্রিনার্ফ আন ক সর্গণ ইন্ত্র MANAGERYS SKOUND CLASS CERTIFICATE OF COMPETENCY TO MANAGE A METALLIFUNOUS MINE

(पाहुक्तपानक सान वितियम, 1961 के सत्तपंत) (Linder the Macalliferous Minus Regulations 1961) मुड्योट्य केनी

जिनकी अन्स लिथि 19~05~1965 है, दिल्सिम 18 के बल्लीत बनुमेंदिन सलस क्रांचलांबिकी में डिल्लोमा झान्स **अरले पर एवं दिलाज - 1990** को आयोजित विहित परीक्षा में उत्तीणे होने पर एतड़क़रा शातुललावक साम के घलंग हेहै दितीय श्रेणीः प्रवोधक समझता प्रमाण-भव से प्रभावीर समसा जाएगा । 1061 ~ 20 ~ 61 प्रदीन किंगा जाली है । यह फ्रमाध'-पत्र

Mernhugerh . M ¢

possessing a Diploma $m_{\rm c}$ Mining Engineering comproved theor Regulation 18 and having passed its prescribed examination hold on is hereby granted MANAOER'S SECOND CLASS CERTIFICATE OF COMPETENCY bum on Minnelseeutin Mitany Minnelseen Mundred Binky Manee to many grow a metalliterous mine. This Certificate is effective from $19 \times 63 \times 1991$ Wuby , 1990



Mambers of the Bosel of Musing Examinations. क्षमन परीक्षा बोबे भे*इर*न्य

للكت تدراغا

لر مرب

Signed and Staled Date: 2, 3, 19 %5

सन्त परोधा कोर्थ AND AND Hreat

Chairman of the Beard of Mining Econications





Photographs showing tarred access road to the quarry Annexure 7



Photograph showing the stacked overburden and top soil



Annexure 8





Photograph showing the bench type mode of mining

M/S Poabs Rock Products Pvt. Ltd.




Photograph showing the crusher unit encircled by thick green belt





Photograph showing the storm water collecting pits

M/S Poabs Rock Products Pvt. Ltd.







Photographs showing trucks covered by tarpaulin sheets after loading

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M/S Poabs Rock Products Pvt.
Ltd.
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KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/KKD/DO/5286/2015 Date of issue :17/07/2018

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : PCB/KKD/DO/ICO-R6/5286/2018

Ref : 1. Your online application no 7188969 dated dated 21.06.2018 2. Consent no PCB/RO/KKD/ICO-R/05/2015 dated 06.07.2015 valid upto 30.06.2018

The 'Integrated Consent to Operate' issued as per reference above to M/s POABS ROCK PRODUCTS PVT.LTD, (QUARRY),NELLIKKAPARAMBUP.O,GOTHAMBUROAD,MUKKOM,KOZHIKODE is hereby renewed up to 16/03/2023 and issued to M/s POABS ROCK PRODUCTS PVT. LTD (QUARRY) NELLIKKAPARAMBU P.O, GOTHAMBUROAD, MUKKOM,KOZHIKODE The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	Survey no	RS NO 172
2	Village	Kodiyathur
3	Taluk	Kozhikode
4	Quarrying area	17.0334 hectors
5	Validity	16-03-2023
6	Name and address of occpier	BINU K MATHEW, MANAGING DIRECTOR, POABS ROCK PRODUCTS PVT. LTD, NELLIKKAPARA MBU P.O, GOTHAMBU ROAD, MUKKOM, KOZ HIKODE

II. Stack Details

Stack No.	Source of	Emission	Stack Hei	ght above	Control
	Emission	Rate(Nm3/Hr)	Ground Level(In Meters)	Roof Level(In Meters)	Equipment
		Pa	igel		

ലൈസൻസ് നമ്പർ : എ)3- 115 /2016-17 തിയ്യതി	: 01/04/2016		
1994 ലെ കേരള പ്ഞ്ചായത്തര	ടിയത്തൂർ ഗ്രാമ പഞ്ചായത്തിൽനിന്നും ാജ് ആക്ട് (1994 ലെ 13) 232, 233, 234 ത തുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിച്ച് ഡി & ഒ ലൈസൻസ്	, 254 എന്നീ വകുപ്പുകൾ		
ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	ബിനു. കെ. മാത്യൂ മാനേജിങ്ങ് ഡയറക്ടർ പോബ്സ് റോക്ക് പ്രോഡക്ട്സ് പ്രൈ ഗോതമ്പ് റോഡ്, നെല്ലിക്കാപറമ്പ് പി. കൊടിയത്തൂർ, കോഴിക്കോട്			
സ്ഥാപനത്തിന്റെ പേരും, സ്ഥലനാമവും	പോബ്സ് റോക്ക് പ്രോഡക്ട്സ് പ്രൈ ഗോതമ്പ് റോഡ്	വവറ്റ് ലിമിറ്റഡ്		
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	കരിങ്കൽ പൊട്ടിച്ച് സ്റ്റോക് ചെയ്ത് വ	ിൽപന നടത്തുന്നതിന്		
കെട്ടിടത്തിന്റെ നമ്പറും വാർഡ് നമ്പറും	R.S.No - 17	72		
ലൈസൻസിന്റെ കാലയളവ്	01/04/2016 മുതൽ	31/03/2021 വരെ		
ഈടാക്കിയ ലൈസൻസ്	തുക	രസീത് നമ്പർ		
ഫീസ്	LF - 20000 PT - 12500	115011 - 03753 115011 - 03755		
ലൈസൻസ് അനുവദിക്കു ന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷേപ പത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തിയ്യതി, കാലയളവ്, നൽ കിയ അധികാരസ്ഥാനം)	 23/08/2013 Of Member Secretary SEIA/ 2)Quarrying Lease Order No 787/08-09/ 06/08/2011 Of The Director of Mining & 05/08/2021 3)Licence No.E/SC/KL/22/268/(E11682 Chief Controller Of Explossive, Ernamkt 2)Licence No. PCB/RO/KKD/IC/114/2 	 Envioronmental Clearance No.48/SEIAA/KL/7176/2012 Dtd 23/08/2013 Of Member Secretary SEIAA Kerala Validity Quarrying Lease Order No 787/08-09/4694/M3/2011 Dtd 06/08/2011 Of The Director of Mining & Geology, Tvm validity 05/08/2021 Licence No.E/SC/KL/22/268/(E11682) Dtd 10/02/2016 Of Joint Chief Controller Of Explossive, Ernamkulam Validy 31/03/2021 Licence No. PCB/RO/KKD/IC/114/2015 DTD 06/07/2015 Of Enviormental Engineer, Kerala Pollution Control Board, Kozhikode 		
10 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -		പാസ്റ്റ്, മുക്കം		



M/S Poabs Rock Products Pvt. Ltd.

भारत सरकार (Sovernment of India वाणिज्य और उद्योग मंत्रालुय | Ministry of Commerce & Industry पेट्रोलियम तथा विस्फोटक सरका संगठन (पेसो) | Petroleum & Explosives Safety Organisation (PESO) पूर्व नाम-विस्फोटक विभाग | Formerly- Department of Explosives केन्द्रीय भेवन, ब्लाक सी-2, तीसरी मणिल | Kendriya Bhavan, Block C-2, 3rd Floor CSEZ पी.ओ.कवकानाइ कोच्या | CSEZ PO Kakanad Dist. Ernakulam 682037 फूनेन (Phone)- 2427286 | फैस (Fax)- 2422726 ई-मेल Email: dycceemakulam@explosives.gov.in

संख्या (No.): E/SC/KL/22/268(E11682) संवा में | To,

The Managing Director M/s. POABS ROCK PRODUCTS PRIVATE LTD., Gothanmbu Road, Nellickaparambu PO, Mukkom, Kozhikode District, Kerala State, Town/Village -District-, State-, Pincode - 6736002

विषय

Survey No(s) 172, ग्राम KODIYATHOOR, जिला KOZHIKODE, राज्य Kerala में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/268(E11682) के नवीनीकरण संदर्भ में।

Possession for Use of of Explosives from magazine situated at Survey No(s):172, KODIYATHOOR, Dist. KOZHIKODE, Kerala -Licence No: E/SC/KL/22/268(E11682) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

Subject: 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 अनुज्ञाप्ति दिनांक 31/3/2022 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 31/3/2022 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.**

अनुज़प्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/ 2022 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 31/3/2022.

- प्ररूप आरई-। 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 जाएं (आतिशबाजी गोदाम के लिए लागू नहीं । 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 त्रैमासीक विवरणी हर तिमाही के अंत में आरई-7 में प्रस्तुत की जाएं। विवरणी इस कार्यालय के कार्यालय में आगामी तिमाही के 10 तारीख से पहले पहुंच जानी चाहिए (आतिशबाजी गोदाम के लिए लागू नहीं ¶_DPlease 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 fathfully

(आर.वेणुगोपाल | Dr. R/Venugopat)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

प्रतिलिपि प्रेषित | Copy Forwarded to:

कोंची मुख्य विस्फोटक नियंत्रक 1. ज़िला माजेस्ट्रेट (District Magistrate), KOZHIKODE (Kerala)- सूचना के लिए (for information) uty Chief Controller of Explosives

उप मुख्य विस्फोटक निर्मत्रक Deputy Chief Controller of Explosives

कोच्ची | Ernakulam

दिनांक (Date): 02/03/2021



M/S Poabs Rock Products Pvt. Ltd.

following Annexures.

- 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 व्दाररा हस्ता.क्षरित इस अनुज्ञप्ति की शर्तें और अतिरिक्ति 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 2006 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2006.

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 प्रतिसंह्रत 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 - 1	5/03/2001	तंयुक्त मुख्य विस्फोटक नियंत्रक Joint Chief Controller of Explosives South Circle, Chennai
· Amendment of Quar	tity of Explosives/Montl tity of Explosives/Montl नवीनीकरण	hly Purchase Limit dated : 20/05/2011 nly Purchase Limit dated : 23/11/2011 nly Purchase Limit dated : 03/10/2013 के पृष्ठांकन के लिए स्थान ndorsement 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	31/03/2022	Dy. Chief Controller of Explosives, Ernakulam जप मुख्य विस्फोटक नियंत्रक Deputy Chief Controller of Explosives एरनाकुलम Ernakulam

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

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

M/S Poabs Rock Products Pvt. Ltd. Sd/-



M/S Poabs Rock Products Pvt. Ltd.



M/S Poabs Rock Products Pvt. Ltd.

O www.mathrubhumi.com

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കെ.വി.ആർ. ജീഷ് ഷോറും കോഴിക്കോട്ട് ഇന്ന് തുറക്കും

<text><text><text><text><text><text><text><text><text> ന മല്ലായം വു പ്ലോട്ടൽ പ്ലോ മെല്ലാന്ത്രൽ പ്ലെ മുള്ള വീസ്ട്രോ പ്ലീന് 2022-ൽ ഐ. 2.ഐ ഇതു പിന്ന്ട് ത്രെ മാടി. ഈ ഇട സംബാധില്ല് സി. പങ്കിൻറ രംലപ്പന്തു ന് ശേദിയല്ല എന്ന ം ഉതർന്നത്. ബാങി തർമാനും ഡയറക്ടർ ഉം സ്യംഞങ്ങിൽ ചര ലം പുംബാം നിന് പിന്നാണ പ്രജ്യാപ്പ പ്രഭ്യനത്ത്, ഇപ്പോയ നലപ്പിൽ ടിന്നത ശർമള് ആളിസ് ദ്ധേഷ് മെധാ വിയായി ബ്യാമം. എന്നാൽ നദിനിശ്ചയിക്കണമെന്നെയ്യ് പോർഡ് ഞാർന് അസ്യയി മാൻ നിയോത കലോഡി 2018 ഡി. മിച്ചി 60പാർ 60പെക്കെ തറി നൽകിയെന്നും ബാങ് 90ഡി. ഇറി സംബർ 81 വരെയായി പു. മൊടിയോന്നും ഡയറാളം മുതർ അറിയിച്ചു. ഇക്കാരും മെന്ന റബ്ബർവില കുറയുന്നു പവരെലെ എന്തിയിട്ടുള്ളു. കഴിഞ്ഞാർകം ഇന്നെടത്ത ന് 145-160 പ്രപാദര വില യുണ്ടായിടുന്നു. ലൈകേത്തെറ്റവും വലിയ രണ്ണ് ഉപയേഷം കെയ്യാണ് ഇഞ്ഞായാടെ ഹൈത്തിൽ അമേരിക്ക-ചൈന വ്യാപാരയുദ്ധമാണ് വിലയിടിവിന് കാരം

ജോസഫ് മാതു ചെപ്പ ബാനം അദേശങ്ങളാണം ഇടങ്ങങ്ങാണം ഹൈനമിൽ ആറ്റിൻെ ആവശ്യം കുറ ഞ്ഞു. കാങീഹാനി ഉപോപി പണിയിൽ ബുലക്കെ രണ്ണോ ിലുള്ള വുറപറയുടെം അരോഷ്യ റബ്ബർ വിപണി മറ്റം അതുവർ സാട്ടിലെ ദീവിലത്തെയം ബാധിക്ക

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ആക്സിസ് ബാങ്ക് മേധാവി

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AN RES

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വുംതമാക്കി ബോംഗത തി എല്ലിലാങ്ങിന് ത വൈകീട്ടാണ് ബാങ്ക് സൽകിയത്. ഇതിന് സിക്ഷെയുടെ അംഗ

ബെല്യ വർഷമാല് ആച്ച് ന് ബാങ്രിൻോ സി.ഇ.ർ ആബ് പ്രവർത്തിക്കുന്ന വിച ശർത്തുടെ കാലാണ് ബാൽ ൽകപ്പ വളർപ്പാരാണ് നേരിയ ൻ, എന്നാൽ തീരംത്തോപ്പും മിട്ടാക്കാന്തിൻെ കാശ്യാതി ഈ കൃണിപ്പോട്ടാണ്തോടി.

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പലിശ ഉയർത്തി

ടെവ്വിം ബാലുകളുടെ വുവടുപിടി, താല് ഇതാ തനകാട്യ സ്ഥാനങ്ങളു വാത്രംപലിഗ കൂട്ടാൻ തുടങ്ങി. മാം തെ എറ്റവും വല്ഗ പോറാഗും സ്ഥ

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1.5 too inverter AC EMI 74299 v 8

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ഞ്ഞു. ഖാല്റ്റോണി ഉറപാപി പണ്ടിൽ സ്പോക്ക ഇണ്ണാ ഇം റണ്ടി സ്പോക്കിറിക്കുക തരഞ്ഞനും അപനിസ് ടൽ ഉത്പാണം വെണ്ണുവരിൽ തെലം ശലയനത്തോളം കുറ നഞ്ഞനും തിപ്പാർട്ടും കൊ ഞൽ ൽ ആവാശ്യം കുറഞ്ഞത് POWERDRO BLOR U SHOLDS TEOIN GEUS MANTRUD ERETEIN THEADERLAS VOLMOZELLAS UTRICENCO SISELIAS MIRITINGULTO RCT 6445 MINUELLI SISELIS മുഗൾ വിവാഹവസ്ത്ര ശ്രേണിയുമായി മഞ്ചേരി റഷീദ് സീനത്ത് വെഡ്ഢിങ് മാൾ

01042 1 22 tout stan SAMSUNG CO Inverter AC (Full Copper) 10 PH L HER à A THE R 1.0 ton inverter AC EMI (3259 x 10 EMI (3299 x 10 EMI (3399 x 10 O മണ്ടെടി പല്പ് സ്നന്ത് വെല്ലിൽ മളിൽ മുന്ന് എഡിഷൻ വിഡപ്പാന്ത്ര ശ്രേണി എം. ഉത്ത എം.എത.എ. ഉട്ടയടനംശേയ്യ 1.0 ton inverter AC 1.0 ton inverter AC EMI ₹3624 x 8 EMI ₹3999 x 8 1.5 ton inverter AC 1.5 ton inverter AC 1.5 ton in EMI 74439 x 10 EMI 73799 x10 EMI 73 erter AC 1.5 ton inverter AC 1.5 ton inverter AC 99 x 10 EMI ₹4363 x 8 EMI ₹5249 x 8 പ്രോഗ എഡിലൻ സ്ത്രം എഡിലൻ ന്നത് വെഡ്ലില് മാപ്പിൽ ന്നെ എസ്.എ. ഉദ്ഘാ - four and the state ഹോം ഡെലിവറി 6 ഇൻറ്റലേഷൻ • ഈസി ഫിനാൻസ് • എക്സ്ചേഞ്ച് സൗകര്യം വിലക്യ ഞാം ക്യാം ഞുടംപ്പം, ഇന്സോദ്യ സ്വാം സ്ത് റെ ശ്രിയ്യ ണ്, നവാം ഗ്പൂരി തുട വിവ്യക്ഷോട് el.p. o lation High 1000 - 5 പണ്ണ കൈഞെ പ്രിക്കോത് സ്ത്രംഗേഷിൽ ഉണ്ട തിലെ പ്രത്യ ഡിന്റൈസ് തില്ലാന് അവാരിപ്പിംബും സ്ത്രീൻ നെയിൽ പെയ്യിൽ മന്നൽ വെയ്യിൽ മാര മറ്റിംബ്ലിൽ മാര മെൽ ന് വെയ്യിൽ മാര മെൽ 603 1. Stat wanted deligend nospon m aqui coppo conten ന്നാരിന്നിൽ A+ grade panel ₹54990 ag ru moto വിഷാതേള 19990 ₹14990 **₹21990** :34990 WANTED ding Educational Consultancy and Co of pale de C LG Whirlpool BOSCH Mi kg Front Load shing Machine Administration (Female) Salary up to ₹25,000\-nsellor and Telecaller (Females) ₹20,000\- to ₹25,000\-260 Liters 4 Star Frast Free 6 kg Fully Auto Washing Washin Cou 9 :25990 Computer Operators (Female) Salary (20,000)-Receptionist (Females) (15,000)-EMI istributors require t14990 for 20 ltr. Packaged Drinking Water 72699x9 000 00 MP 10490 apand Unte Set fire rw on: 15-04-2018 26990 -------5137 , and the second PHILIPS PHILIPS 8000 Wate SONY 5.1 Rome Theate KENI BUCK PHIL. Bluetcoth Stund bar Whithered upto 65% Discount. Now At Kozhikode INDIA'S NO.1 EXHIBITION 20 Liters Convection Over 9995882617 9847750018 10 den ON നോട്ടിസ് 111990 9500 18990 7 10990 77990





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A5847130 ACKNOWLEDGEMENT (Not for Cash Transactions) Kadivathur Grama Banchavat A1- 1980/18, 10-4-18 Proceedenses of SEIAA Beg. SEIAA, Keule, TVM 0495 - 2209130 Counter No. & Staff Secretary

M/S Poabs Rock Products Pvt. Ltd.



Photograph showing details of environmental clearance order prominently displayed in a metallic board

M/S Poabs Rock Products Pvt. Ltd.





205 **Rs. 100** एक सौ रुपये ONE HUNDRED RUPEES भारत INDIA INDIA NON JUDICIAL கேலை केरल KERALA M 284074 80 AFFIDAVIT Ig Binu K. Mathew, Managing Director & Authorized Signatory of M/s Poabs Rock Products Pvt. Ltd. having its correspondence office at Kuttoor P.O. Phiruvalla, Pathanamthitta, Kerala - 689106, do hereby affirm and confirm as follows:ł. That, M/s Poabs Rock Products Pvt. Ltd. propose to develop a Quarry Project in Survey No.172, at Kodiyathoor Village, Kodiyathoor Panchayat, 2 Kozhikode Taluk & District, Kerala. A.P. Gokula Chandran, 8.A;LL.B. Advocate & Notary Nell No:X/86/71 Thiruvalla.

M/S Poabs Rock Products Pvt. Ltd.

एक सौ रुपये Rs. 100 ONE **হ**. 100 HUNDRED RUPEES भारत INDIA **INDIA NON JUDICIAL** கேலதo केरल KERALA AW 985660 2, That, the Environment Clearance proceedings number and date are Order No. 1074/EC4/2016/SEIAA dt. 17-03-2018. 3. That, all the conditions stipulated in the Environment Clearance would be scrupulously followed. DEPONENT Verification: Verified that my above statements are true to the best of my knowledge and belief and nothing material has been concealed therein. Solemnly affirmed and signed before me by the deponent who DEPONENT is personally known to me in Place: Kozhikode my office at Thiruvalla on this 0-04-2018 the for 15 day of APT1)20 1 8 P. Gekula Chandran, S.A;Li Advocate & Notary Rell No:K/86/71 Thiruvalla BINCI. K. Medhew







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

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ACCREDIT	IED BY K	SPCB AS "A	GRADE L	ABORATORY

Parameters tested	Test method	Results	Acceptable Limits As per IS-10500-2012
Selenium as Se	IS 3025 (P)56 -2003 RA2014	BDL	0.01 mg/l
Arsenic as As	IS 3025(P) 37-1988 RA2014	BDL	0.01 mg/l
Copper as Cu	IS 3025(P) 42-1992 RA2014	BDL	0.05 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
Chromium as Cr	IS 3025 (P)52 - 2003 RA2014	BDL	0.05 mg/l
Zinc as Zn	IS 3025 (P)49 - 1994 RA2014	BDL	5 mg/l
Mercury as Hg	IS 3025(P) 48 - 1994 RA2014	BDL	0.001 mg/l
Cyanide as CN	IS 3025(P)27-1986 RA2014	BDL	0.05 mg/l
Lead as Pb	IS 3025(P) 47-1994 RA2014	BDL	0
Aluminum as Al	IS 3025(P) 55-2003 RA2014	BDL	0.01,mg/l
Boron as B	IS 3025(P) 57-2005 RA2017	BDL	0.03 mg/l 0.5 mg/l

Parameters tested	Unit	Test method	Results	Acceptable Limit As per IS – 10500-2012
Coliforms	MPN/100ml	IS 1622: 1981 RA 2009	110	Absent
E coli	Present or Absent/100ml	IS 1622: 1981 RA 2009	Absent	Absent

For Poluchem Laboratories (P) Ltd.

492 Authorized signatory

* End of the report*

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/13481/2019
	Date of issue:	27/12/2019
	Date of monitoring	17/12/2019 10.00 Hrs to 18/12/2019 10.00 Hrs
M/s.Poabs Rock Products Pvt.ltd Gothambu Road,	Date of sample received:	19/12/2019
Nellikkaparambu(P.O)	Date of analysis	19/12/2019
Kodiyathoor,Mukkam	Monitoring Location	M/s.Poabs Rock Products Pvt.Itd Survey No: 172 pt Village- Kodiyathoor Thaluk-Kozhikode District-Kozhikode,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 (PM10)	I S 5182 Part 23 2006RA2012	50.3 μg/m ³	100 μg/m ³
02	Particulate Matter (PM2.5)	СРСВ	27.4 μg/m ³	60 µg/m ³
03	Sulphur dioxide	I S 5182 Part 2 2001 RA 2017	8.7µg/m ³	80 µg/m ³
04	Nitrogen dioxide	IS 5182 Part 06 2006 RA2017	12.3 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	For and on behalf of POLUCHEM LABORATORIES (P) LTD.
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