



PANACHAYIL INDUSTRIES

West Othara P O, Tiruvalla, Kerala, India - 689 551

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Email: mail@poabs.com, www.msand.in

The Director, DoECC & Secretary SEAC Kerala

19- 01- 2017

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

Sub: Environmental Clearance - Proposed quarry project at Sy. Nos. 15/7, 15/15, 16/5, 16/2, 20/1, 19/1, 15/9 PT, 21/5, 21/6 PT, 16/4-1, and 16/4 Thottapuzhassery Panchayat, Thiruvalla Taluk, Pathanamthitta District, Kerala - Compliance report - Reg.

Ref: File No. 145/SEIAA/EC4/2746/2013 dated 04-01-2016

Respected Sir,

Our quarry project was accorded with Environmental Clearance file No. 145/SEIAA/EC4/2746/2013 Dated 04-01-2016. Second compliance report to the specific and general conditions of the Environmental Clearance (hard copy and softcopy) for the period of July- December, 2016 is enclosed.

Thanking you,

Yours Respectfully,
M/s Panachayil Industries

Aby Mathew
(Managing Partner)

Copy to:

The Regional Director,
MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block,
Koramangala, Bangalore - 560034.

COMPLIANCE REPORT

TO

THE CONDITIONS

OF

ENVIRONMENTAL CLEARANCE ORDER

NO: 145/SEIAA/EC4/2746/2013

DT. 04-01-2016

BY

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)

FOR

PROPOSED QUARRY PROJECT

AT

SURVEY NOS. 15/7, 15/15, 16/5, 16/2, 20/1, 19/1, 15/9 PT, 21/5, 21/6 PT, 16/4-1, AND 16/4 THOTTAPUZHASSERY PANCHAYAT, THIRUVALLA TALUK, PATHANAMTHITTA DISTRICT, KERALA

BY

PANACHAYIL INDUSTRIES, WEST OTHERA PO, THIRUVALLA, PATHANAMTHITTA, KERALA

(JULY- DECEMBER, 2016)

INTRODUCTION

M/s Panachayil Industries is a stone quarry located at Survey Nos. 15/7, 15/15, 16/5, 16/2, 20/1, 19/1, 15/9 pt, 21/5, 21/6 pt, 16/4-1, and 16/4, Thottapuzhassery Panchayat, Thiruvalla Taluk, Pathanamthitta District, Kerala. The quarry project was accorded with the Environmental Clearance by state Environmental Impact Assessment Authority on 04-01-2016. 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 conditions and general conditions of the Environmental Clearance for the period of July- December, 2016 (Second Report) is being submitted.

PART A – SPECIFIC CONDITIONS

➤ Condition 1

On the closure of mine 10% of the mined area should be formed into a water body by harvesting rain water.

✓ Compliance

Subsequent to the closure of mine 10% of the mined area will be maintained as water body by harvesting rain water.

➤ Condition 2

To the extent possible local biodiversity management Committee should be involved in the environmental management/restoration activities.

✓ Compliance

Would be complied

PART B – GENERAL CONDITIONS

➤ Condition 1

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

✓ Compliance

In the project area numbers of Rainwater harvesting systems are maintained. It consists of 3 excavated (Pit 1, Pit 2 and Pit 3) pit each having the capacity of 640000, 480000 and 720000 liters respectively and one harvesting tanks constructed with stone masonry wall having the capacity of 160000 liter. A Concrete roof water rain water harvesting system having the capacity of 25000L was also constructed within the project site. Details of the rainwater harvesting system are as follows.

Sl. No.	Type	Length (m)	Width (m)	Height (m)	Capacity (L)
1	Excavated Pit 1	20	8	4	640000
2	Excavated Pit 2	16	6	5	480000
3	Excavated Pit 3	24	10	3	720000
4	Concrete Tank	8	5	4	160000
5	Concrete rain water harvesting system				25000

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

➤ 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. Aby Mathew (Managing Partner of the Company) as head of the monitoring cell and made functional. Meeting of the monitoring cell has been arranging periodically 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 (Managing Partner of the Company)	Mr. Aby Mathew
2	Head in charge (Environment)	Mr. VT Thomas
2	Senior Environmental Officer	Mr. Rinoy Varghese
3	Environmental Officer	Mr. Navin Xavier
4	Name of the environmental officers in charge at Site	Mr. P. Rajeev & Mr Venkatesha Reddy
5	Name of the officer of Environment, Health and safety at Site	Mr. Suneesh C.S
6	Name of the Asst. officer of Environment, Health and safety at Site	Mr. Roy K.P
7	Name of the environmental consultant	M/s Environmental Engineers & Consultants Pvt. Ltd
8	Address of Environmental laboratory	M/s Poluchem Laboratory Pvt. Ltd.

➤ **Condition 3**

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

✓ **Compliance**

Along the sides of tarred road and parking areas there is natural vegetation including trees, shrub and herbs. We planted the area with less vegetation with tree saplings and a nursery is maintaining for planting more saplings. Photographs showing the same are provided at Annexure B. Details of the tree species planted as follows.

Sl. No.	Scientific Name	Common Name	Family
1	<i>Syzygium cumini</i> (L.) Skeels	Black Plum	Myrtaceae
2	<i>Cassia fistula</i> L.	Indian Laburnum/ Kanikkonna	Fabaceae
3	<i>Polyalthia longifolia</i> (Sonn.) <i>Thwaites</i>	Arnanamaram	Annonaceae
4	<i>Acacia mangium</i> Wild	Mangium	Leguminosae

5	<i>Mangifera indica</i> L.	Mango tree/ Mavu	Anacardiaceae
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➤ **Condition 4**

Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.

✓ **Compliance**

In the project locale, solar energy device and biogas plant has installed. Solar light systems has erected in mines and magazine area. Biogas plant is associates with canteen and is using for kitchen purposes. Photograph showing the same has enclosed as Annexure C.

➤ **Condition 5)**

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

✓ **Compliance**

Along the road sides of the project area Fixed Water Sprinkling Systems has installed. The road system without sprinklers has been watering periodically by sprinkler system installed in tipper lorry. Crushing units has also fitted with Sprinkling System to suppress the dust generating during Crushing & Screening operation. Photograph showing the same is enclosed as Annexure D.

➤ **Condition 6)**

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

✓ **Compliance**

Eco-restoration including the mine closure plan will perform at our own cost. Following the closure of the mine, it is proposes to develop a green belt in the remaining area after reclaimed with stacked dumping and overburden. Ten percent of the excavated pit area will maintain as water storage area.

➤ **Condition 7)**

At least 10 percent of the excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with indigenous plant species that are eco-friendly.

✓ **Compliance**

Ten percent of the excavated pit area will retain as water storage area following to the closure of the mine. 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. List of some of the selected indigenous plants for green belt development is given below.

SI No.	Scientific Name	Common Name	Family
1	<i>Cassia fistula</i> L.	Kanikkonna	Fabaceae
2	<i>Mangifera indica</i>	Mango tree/ Mavu	Anacardiaceae
3	<i>Cinnamomum malabattrum</i>	Idana	Lauraceae
4	<i>Mimusops elengi</i>	Spanish Cherry/ Elanji	Sapotaceae
5	<i>Anacardium occidentale</i>	Kasumavu	Anacardiaceae
6	<i>Phyllanthus emblica</i>	Indian Gooseberry/ Nelli	Phyllanthaceae
7	<i>Terminalia paniculata</i>	Maruth	Combretaceae
8	<i>Garcinia gummi-gutta</i>	Kodampuli	Clusiaceae
9	<i>Syzygium caryophyllatum</i>	Njara	Myrtaceae
10	<i>Syzygium cumini</i>	Black Plum	Myrtaceae

➤ **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.

➤ **Condition 9)**

The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mine

✓ **Compliance**

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

➤ **Condition 10)**

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

✓ **Compliance**

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

➤ **Condition 11)**

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

✓ **Compliance**

Noise pollution

Mitigation measures Implemented

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

- **Proper maintenance of machinery, equipments and improvement of design of machines.**
- **Personal protective devices i.e., earmuffs, ear plugs etc. are provided to 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 daytime as per KSPCB guidelines.

- ✓ Compliance

Quarry is running only during day time.

- Condition 13)

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

- ✓ Compliance

Blasting

- ❖ The controlled blasting is proposed by adopting all the safety measures as per “MMR 1961” and with the permission of DGMS.
- ❖ Blasting is carried out for the fragmentation of the granite within the project area. Multiple blast holes of 1.0 to 1.5 m depth will be drilled with the help of 32mm drill rod, Jack Hammer and air compressor of 100 cm capacity.
- ❖ It is estimated about 250g of explosives per hole is required. About 30-50 holes per blast are proposed. Therefore the requirement of explosive will be about 10kg/ blast.

Blasting safeguard

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

➤ **Condition 14)**

A licensed person should supervise/control the blasting operations.

✓ **Compliance**

Person having license is supervising/controlling the blasting operations. Copy of license of the licensed person is enclosed as Annexure F.

➤ **Condition 15)**

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

✓ **Compliance**

Most of the access road area to the quarry has tarred and some portions has constructed with concrete bricks. Roads are well maintaining to contain dust emissions that may arise during transportation of materials. The photographs showing the same is given in Annexure G.

➤ **Condition 16)**

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

✓ **Compliance**

The quantity of topsoil and overburden has estimated to be 11,464m³ and 22,929m³ respectively. The excavated top soil is using for plantations and remaining soil has been storing separately in a prefixed location. The stored soil is stabilizing by planting grasses and herbs on them. Some portion of the topsoil is using for the reclamation of abandoned quarry near the project site and some quantity are selling to railway widening projects. Photograph showing the same is enclosed as Annexure H.

➤ **Condition 17)**

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

✓ **Compliance**

Quarry operation is carrying out in the form of benches. The proposed height and width of the benches are maintaining. The photograph showing the bench type mining is enclosed as Annexure I.

➤ **Condition 18)**

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

✓ **Compliance**

Various safety measures are 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. Mats to prevent fly rock during blasting will arranged shortly.

➤ **Condition 19)**

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

✓ **Compliance**

In the present quarrying project, the exploitation of mineral is from 105-145 m MSL in conceptual phase. Mining depth will not exceed beyond 10m from general ground level.

➤ **Condition 20)**

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

✓ **Compliance**

Mining operations will not carry out at places having a slope greater than 45°

➤ **Condition 21)**

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

✓ **Compliance**

The crusher unit is encircled by green belt and a hollow brick envelope is also constructed around the crusher unit. The photographs showing the same is given in Annexure J.

➤ **Condition 22)**

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

✓ **Compliance**

Workers are using personal protective devices such as earmuffs, ear plugs, helmet etc. at the site. The photographs showing the workers with personal protective devices are enclosed as Annexure K.

➤ **Condition 23)**

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

✓ **Compliance**

Storm water from entire project area is channelized in to an abandon excavated pit and stored the storm water in it. During this storage all the Debris/slit in the storm water are sedimented in to the bottom of the pit. Overflow from the storm water collected pit is opened in to Garland drains which entering to the main stream. These garland drains also provided with Check dam model silt trap. The photographs showing the same is given in Annexure L.

➤ **Condition 24)**

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

✓ **Compliance**

After loading trucks are covered with tarpaulin sheets to control dust emissions during transportation. Trucks are not overloading and the loads are maintained to the body level. Photographs showing the loaded trucks covered with tarpaulin sheets at the sites are given in Annexure M.

➤ **Condition 25)**

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

✓ **Compliance**

We will plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.

➤ **Condition 26)**

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

✓ **Compliance**

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

➤ **Condition 27)**

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

✓ **Compliance**

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

➤ **Condition 28)**

A minimum buffer distance of 100m 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 are providing.

➤ **Condition 29)**

200m buffer distance should be maintained from forest boundaries.

✓ **Compliance**

No forest boundary within 200m distance

➤ **Condition 30)**

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

✓ **Compliance**

Consent from Kerala State Pollution Control Board under Water and Air Act(s) was obtained before initiating activity. Consent Order from Kerala State Pollution Control Board is attached as Annexure N.

➤ **Condition 31)**

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

✓ **Compliance**

All statutory approvals required for the quarrying activity is obtained for the project. The details regarding the same along with the copy of the statutory approvals are enclosed as Annexure O1 and O2. Details of statutory approvals are given below.

Sl. No.	Annexure	Statutory approvals
1	O1	License to possess: (c) for use, explosives of class1, 2, 3, 4, 5, 6 or 7.
2	O2	License from Panchayat

➤ **Condition 32)**

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

✓ **Compliance**

Would be complied

➤ **Condition 33)**

The authority reserves the right to add additional safe guard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

✓ **Compliance**

Would be complied

➤ **Condition 34)**

The stipulations by Statutory Authorities under different Acts and notifications should be complied with, including the provisions of Water (Prevention and control of pollution) Act, 1974, the Air (Prevention and control of pollution) Act 1981, The Environment (Protection) Act, 1986, the public liability (Insurance) Act, 1991 and EIA notification, 2006.

✓ **Compliance**

Would be complied

➤ **Condition 35)**

The project proponent should advertise in at least two local newspapers widely circulated in the region. One of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Department of Environment and climate change, Govt. of Kerala and may also be seen on the website of the authority at www.seiaaKerala.org. The advertisement should be made within 10 days from the date of receipt of the clearance letter and a copy of the same should be forwarded to the office of this authority as confirmation.

✓ Compliance

Regarding the accordance of environmental clearance to the quarrying activity was advertised in two local newspapers and the copy of the same was submitted to SEIAA Kerala. The copies of the advertisements are provided at Annexure P1 & P2. Details of the news paper advertisements are given below.

Sl. No.	Annexure	Name of the News paper and edition	Dated
1	P1	The New Indian Express	16/01/2016
2	P2	Mathrubhumi	16/01/2016

➤ Condition 36)

A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat/District Panchayat/Municipality/Corporation/Urban local Body and also to the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

✓ Compliance

A copy of the environmental clearance letter was submitted to Thottapuzhassery Panchayat office. The acknowledgment received is enclosed as Annexure Q. There is no suggestion/representation received so far from anybody. The environmental clearance order is uploaded in the website of the company and it can be seen in the website www.msand.in

➤ Condition 37)

The proponent shall submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hand copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions including results of monitored data on their website and shall update the same periodically, it can simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also the Directorate of Environment and Climate Change, Govt. of Kerala.

✓ **Compliance**

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

➤ **Condition 38)**

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

✓ **Compliance**

The conditions of the environmental clearance prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font was installed. The photographs showing the metallic board is given in Annexure R.

➤ **Condition 39)**

The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.

✓ **Compliance**

An affidavit stating that all the conditions stipulated in the Environmental clearance will be scrupulously followed was submitted to Department of Environment and climate change on 18.01.2016 and the copy of the same is enclosed as Annexure S.

➤ **Condition 40)**

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

✓ **Compliance**

We agreed

ANNEXURE A



Photograph showing the excavated pit and concrete tank using as rainwater harvesting system

ANNEXURE B



Photograph showing the tree planted along the road sides

ANNEXURE C



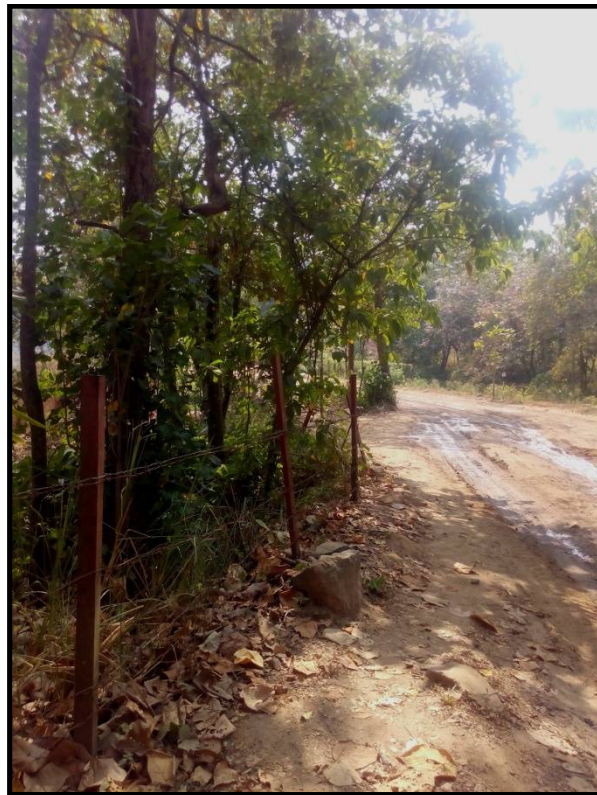
Photographs showing solar light installed within the project area

ANNEXURE D



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


ANNEXURE E



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

ANNEXURE F

CEAT NO: 1518


सत्यमेव जयते

खान अधिनियम 1952
THE MINES ACT 1952


द्वितीय श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र धातुउत्पादक खान के प्रबंध हेतु
MANAGER'S SECOND CLASS CERTIFICATE OF COMPETENCY TO MANAGE A METALLIFEROUS MINE
(धातुउत्पादक खान विनियम, 1961 के अन्तर्गत)
(Under the Metalliferous Mines Regulations 1961)

वेण्कटेश रेड्डी

जिनकी जन्म तिथि 29 ~ 9 ~ 1961 है, विनियम 18 के अन्तर्गत अनुमोदित खान प्रसिद्धि में हिस्सा प्राप्त करने पर एवं दिनांक अक्टूबर, 1999 को आयोजित विहित परीक्षा में उसीने होने पर एतद्वारा धातुउत्पादक खान के प्रबंध हेतु द्वितीय श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र प्रदान किया जाता है। यह प्रमाण-पत्र 03 ~ 05 ~ 2000 से प्रभावी समझा जाएगा।

Venkatesha Reddy

born on 29 *th* September 1961 possessing a Diploma in Mining Engineering approved under Regulation 18 and having passed the prescribed examination held on October, 1999 is hereby granted MANAGER'S SECOND CLASS CERTIFICATE OF COMPETENCY to manage a metalliferous mine. This Certificate is effective from 03 ~ 05 ~ 2000.



सदस्य
खान परीक्षा बोर्ड
Members of the Board of
Mining Examinations.

Signed and Sealed
Date: 3 SEP 1999

प्रध्यक्ष
खान परीक्षा बोर्ड
Chairman of the Board of
Mining Examinations

ANNEXURE G



Photograph showing access road constructed with concrete bricks

ANNEXURE H



Photographs showing the top soil storage area

ANNEXURE I



Photographs showing the bench type mining

ANNEXURE J



Photograph showing crusher unit encircled with green belt and metal sheet enclosure

ANNEXURE K



Photographs showing the workers with personal protective devices and blasting shelters

ANNEXURE L



Photographs showing the garland drain within the project area

ANNEXURE M



Photographs showing the trucks covered with tarpaulin sheets after loading

ANNEXURE N

FILE NO. PCB/PTA/QR/201/2015

Date of issue: 17/07/2015



**KERALA STATE
POLLUTION CONTROL BOARD
DISTRICT OFFICE
PATHANAMTHITTA**

(ONLINE)

CONSENT TO OPERATE(R)

ISSUED

UNDER

Water (Prevention & Control of Pollution) Act, 1974

Air (Prevention & Control of Pollution) Act, 1981

&

Environment (Protection) Act, 1986

To

**M/s. Panachayil Industries (Quarry)
Kolabhagom.P.O,
Thadiyoor,
Pin-689 545,
Pathanamthitta. Dist.**

CONSENT NO: QCO/PTA/195/2015

VALID UP TO: 30/06/2018



1. GENERAL

1	VALIDITY:-	30/06/2018
2	Name and address of establishment	M/s. Panachayil Industries, Kolabhagom.P.O, Thadiyoor, Pin: 689 545, Pathanamthitta Dist.
3	Communication	Telephone : 0469 - 2672210 Mobile : 9447762210 Fax : e-mail : tvla@poabs.in
4	Occupier details	Sri. Aby Mathew, Managing Partner, Palliyambil House, West Othara.P.O, Pin-689 551, Thiruvalla.
5	Survey Number	3/5, 11/2, 11/4, 12/6, 12/3, 12/2, 12/5
6	Village	Thottappuzhassery
7	Taluk	Thiruvalla
8	District	Pathanamthitta
9	Panchayat: Ward No:	Thottappuzhassery 1
10	Category	RED
11	Scale	SMALL
12	Fee Slab / Fee remitted	Rs.6560/ year Rs.52130/- DD.No.351088, 351241 Date : 19/03/2015, 16/04/2015 Bank : Federal Bank
13	Capital Investment	Rs.48lakhs
14	Total Water consumption:-	3000Lit/day
15	Effluent Generation	1000 Lit/day
16	Mode of disposal of treated effluent	Percolation
17	Effluent treatment details	Septic tank & Soak pit
18	Date of Commissioning	January, 1995
19	Previous Consent details	QCO/PTA/14/R ₂ /2012, dated. 06/12/12, Validity - 30/06/2015
20	Date of receipt of completed application	13/07/2015
21	Machinery details	Compressor (2nos) : 62HP(each) Jack Hammer : 5nos Tractor Compressor - 2nos Breaker (1no) -125 HP Excavator (3nos) - 135HP D.G.Set (1no) -125kVA
22	PRODUCTS/ACTIVITY	Rubble - 1500MT/day



FILE NO. PCB/PTA/QR/200/2015

Date of issue:17/07/2015



**KERALA STATE
POLLUTION CONTROL BOARD
DISTRICT OFFICE
PATHANAMTHITTA**

(ONLINE)

CONSENT TO OPERATE(R)

ISSUED

UNDER

Water (Prevention & Control of Pollution) Act, 1974

Air (Prevention & Control of Pollution) Act, 1981

&

Environment (Protection) Act, 1986

To

**M/s. Panachayil Industries (Quarry)
Kolabhagam.P.O,
Thadiyoor,
Pin-689 545,
Pathanamthitta. Dist.**

CONSENT NO: QCO/PTA/194/2015



VALID UP TO: 30/06/2018

1. GENERAL

1	VALIDITY:-	30/06/2018
2	Name and address of establishment	M/s. Panachayil Industries, Kolabhagom.P.O, Thadiyoor, Pin: 689 545, PathanamthittaDist.
3	Communication	Telephone : 0469 - 2672210 Mobile : 9447762210 Fax : e-mail : tvla@poabs.in
4	Occupier details	Sri. Aby Mathew, Managing Partner, Palliyambil House, West Othara.P.O, Pin-689 551, Thiruvalla.
5	Survey Number	10/3-1, 10/2-1, 10/4
6	Village	Thottappuzhassery
7	Taluk	Thiruvalla
8	District	Pathanamthitta
9	Panchayat: Ward No:	Thottappuzhassery 1
10	Category	RED
11	Scale	SMALL
		Rs.2370/ year Rs.52130/-
12	Fee Slab / Fee remitted	DD.No.351088, 351241 Date : 19/03/2015, 16/04/2015 Bank : Federal Bank
13	Capital Investment	Rs.10lakhs
14	Total Water consumption:-	3000Lit/day
15	Effluent Generation	1000 Lit/day
16	Mode of disposal of treated effluent	Percolation
17	Effluent treatment details	Septic tank & Soak pit
18	Date of Commissioning	January, 1995
19	Previous Consent details	QCO/PTA/14/R ₂ /2012, dated. 16/12/12, Validity - 30/06/2015
20	Date of receipt of completed application	30/06/2015
21	Machinery details	Compressor (2nos) : 62HP(each) Jack Hammer : 5nos Tractor Compressor - 2nos Breaker (1no) -125 HP Excavator (3nos) - 135HP D.G.Set (1no) -125kVA
22	PRODUCTS/ACTIVITY	Rubble - 535MT/day



ANNEXURE O2

ANNEXURE C1

നമ്പർ C-2-315/2012 അന്തിമപ്രകാരം (ഗ്രാമ പഞ്ചായത്ത്)

1994 ലെ കേരളാ പഞ്ചായത്ത് രാജ് ആക്ട് (1994 ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകൾ പ്രകാരവും അതേ ആക്ടുകളുടെ ചട്ടങ്ങളും അനുസരിച്ചു കൊടുത്തു

ലൈസൻസ്

ലൈസൻസുള്ളതുകൾ പേരും തെളിവിലാക്കലും	മാനേജിംഗ് ഫാർമർമാർ പന ചെടികൾ ഇൻഡസ്ട്രിയൽ കോ-ഓ.പറം.പ.ഓ.
എന്താവശ്യത്തിന് ലൈസൻസ് അനുവദിച്ചു എന്ന്	മുദ്രാദായ 4P മാറ്റാൻ ഉപയോഗിച്ച് പന ചെടികൾ ഇൻഡസ്ട്രിയൽ കോ-ഓ.പറം.പ.ഓ.യുടെ വിൽപന നടത്തുന്നതിനായി
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	II/170(മുദ്രാദായ) II
ലൈസൻസിന്റെ കാലാവധി	01-04-2012 to 31-03-2017 (5-4-15)
ലൈസൻസ് ഫീസ്	119700 രൂപ — പൈസ
റിമാർക്സ്	E - 115700 / ഓർഡർ നമ്പർ. No. 19/67984 24/3/12 E - 40000 ലെൻ. നമ്പർ. No. 20/67984 24/3/12

അന്തിമപ്രകാരം (ഗ്രാമ പഞ്ചായത്ത്)

തീയതി: 24/3/12

GLM -34 K / 2000

പരമാവധി 5 രൂപ ആകട്ടെ തുടർച്ചയായുള്ള പട്ടണങ്ങളുടെ അടുത്തുള്ള പൊതുജനസംരംഭനം വാക്കു.

- [illegible]



SECRETARY
WATTAPPUZHASSERY NAMMA PANCHAYAT

ANNEXURE P1

5

THE NEW INDIAN EXPRESS
KOCHI SATURDAY 16 JANUARY 2016

CPM to Keep off Lavalin Tal

Uppala: The CPM will not discuss the SNC Lavalin corruption case during its 'New Kerala' rally, which started in Manjeshwaram on Friday, said party's state chief Kodyeri Balakrishnan.

"The attempt to revive the Lavalin case is the UDF Government's last ditch effort to escape after foreseeing a certain defeat in the election," he said at the launch of the statewide tour, led by polit-

Vijayan was the state secretary, would also be crucial. The CPM is keenly watching the veteran's reaction, at a time when Pinarayi has been projected as the Left's chief ministerial candidate.

Meanwhile, Left observer Appukkuttan Vallikkunnu is of the view that Lavalin would not be a major road-block before the CPM this time.

corruption-free, government under the party has a blueprint for the Kerala, and the tour would take to the people. I should remain se then it can march he said. Karat's munal element have been stre sourcing inspir

"But we are n bait and we are about it. Let ti cide," he said.

The UDF, w the government jority of just tw become a burde ple, and joinin the RSS would said the CPM' tary. He said no ministers durir rule was accus

NOTICE

This is to inform to the General Public that the proposed Quarry project at Survey Nos. 15/7, 15/15, 16/5, 16/2, 20/1, 19/1, 15/9pt, 21/5, 21/6pt, 16/4-1 and 16/4 at Thottapuzhassery Village & Panchayath, Thiruvalla Taluk, Pathanamthitta District, Kerala being developed by Panachayil Industries is accorded with Environmental Clearance by State Environment Impact assessment Authority, Kerala Vide Order Number 145 / SEIAA / EC4 / 2746 / 2013 dated 04/01/2016 and the copy of the Environmental Clearance is available with the office of Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at www.seiaakerala.org

TENDER NOTICE

(Construction of Open Auditorium)

SYRIAN JACOBITE SOCIAL & EDUCATIONAL SOCIETY.
Kuttapuzha, Thiruvalla., Tel. 0469-2600250, 2602990, 2602050.

Syrian Jacobite Social & Educational Society invites bid from reputed firms for the Construction of the proposed Open Auditorium in Thiruvalla about area of 11,500 sq.ft., with eave height of 5 meters, length 42.60 m. width 24.400 meters with top roof of Sandwich Panel in size of 0.40mm thickness Trafford, 25mm Polyurethane middle, 0.40mm Liner bottom. Interested Bidders may obtain further details from Syrian Jacobite Social & Educational Society, Thiruvalla between 10 a.m to 4.30p.m on working days. Last date for submission of bid is 29/01/2016

Sd/- President

INCOME TAX DEPARTMENT

OFFICE OF THE TAX RECOVERY OFFICER, KOCHI-2

Non - Corporate Range-1, Cochin

Ground Floor, Central Revenue Building, I.S. Press Road,
Cochin-682018, Phone : 04842795543

PUBLIC AUCTION NOTICE

The immovable property specified below is proposed to be sold in public auction to recover the arrears of Income Tax including interest in the case of M/s. NL Properties and Developers, Kochi.

Description of property located at Amballoor Village, Mulanthuruthy. The property is near to the proposed electronic park with tar road frontage.

CLASSIFIED SERVICE

ACCOMMODATION

FURNISHED EXECUTIVE Rooms, unfurnished 1,2,3, BHK flats near NH Bypass Vyttila, Kochi. 944709516/0484-2302187.

ROOMS AVAILABLE at Priya Annex, Monthly rent, North Janatha Road, Maramangalam, Pvtm., Kochi-25. Ph: 9539128492.

DAILY RENT / weekly / monthly 2,3,4,5 BHK A/c full furnished Guest House Service villa with parking Ernakulam, Edappally, Palarivattom, Suku Healtors: 8891082459, 9495742269.

FULLY FURNISHED flat Monthly rent, Kochi, Vyttila 9446150000

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ERNAKULAM

ANADIYIL LEELA KRISHNA DIN AC & Non AC clean & hygiene rooms at affordable rates near South Roy, Station, Kalothiparambil Cross Road, Ernakulam South. Ph: 2570180, 2573180

BUSINESS

BUSINESS & LOAN Assistance Project Reports & Web Hosting Vortex Financial Services : 9400641354.

COMPUTER SERVICE

HEALTH

N
YE
OF



ANNEXURE P2

മാതൃഭൂമി 2016 • ജനുവരി 16 • ശനിയാഴ്ച
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അറിയിപ്പ്

പനച്ചയിൽ ഇൻഡസ്ട്രീസ് എന്ന വ്യവസായ സ്ഥാപനം പത്തനംതിട്ട ജില്ലയിൽ, തിരുവല്ല താലൂക്കിൽ തോട്ടപ്പുഴശേരി വില്ലേജ് & പഞ്ചായത്തിൽ 15/7, 15/15, 16/5, 16/2, 20/1, 19/1, 15/9pt, 21/5, 21/6pt, 16/4-1, 16/4 എന്നീ സർവ്വേ നമ്പറുകളിൽ പ്രവർത്തിക്കുവാൻ ഉദ്ദേശിക്കുന്ന ക്വാറി പ്രോജക്ട് കേരള സ്റ്റേറ്റ് എൻവയൺമെന്റ് ഇംപാക്ട് അസസ്‌മെന്റ് അതോറിറ്റിയുടെ 145 / SEIAA / EC4 / 2746 / 2013 തീയതി 04/01/2016 എന്ന ഓർഡർ അനുസരിച്ച് പ്രവർത്തിക്കുന്നതാണ് എന്ന് പൊതുജനങ്ങളെ അറിയിക്കുന്നു. ഈ എൻവയൺമെന്റ് ക്ലിയറൻസിന്റെ കോപ്പി കേരള ഗവൺമെന്റിന്റെ എൻവയൺമെന്റ് & ക്ലൈമറ്റ് ചേഞ്ച് എന്ന ഡിപാർട്ട്മെന്റ് ഓഫീസിൽ നിന്നും ലഭിക്കുന്നതും അവരുടെ www.seiaakerala.org എന്ന വെബ് സൈറ്റിൽ കാണാവുന്നതുമാണ്.



BOLT മൊത്തം ആനുകൂല്യം **₹ 85,000** വരെ

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നാട്ടിൻപുറങ്ങളിലേക്കു വരുന്നു, സഞ്ചരിക്കുന്ന ചിത്രശാല

തൃശ്ശൂർ: ചിത്രകലാ പ്രദർശനങ്ങൾ ഇനി നാട്ടിൻപുറങ്ങൾക്കായി വരും. കേരളത്തിലുടനീളം സഞ്ചരിക്കുന്ന ചിത്രശാല തയ്യാറായിക്കഴിഞ്ഞു. കേരള ലളിതകലാ അക്കാദമിയുടെ സംരംഭമായ ചിത്രശാലയായി വാങ്ങിയ ശീതീകരിച്ച ബസ് വ്യാഴം വൈകിട്ട് തൃശ്ശൂരിലെ അക്കാദമി ആസ്ഥാനത്തെത്തിച്ചു. 20ന് ചിത്രശാല പ്രയാണമാരംഭിക്കും. ഉള്ളിൽ 40 ചിത്രങ്ങൾ വരെ പ്രദർശിപ്പിക്കാവുന്ന ഗാലറിയാണുള്ളത്. പ്രദർശിപ്പിക്കുന്ന ചിത്രങ്ങളെക്കുറിച്ചുള്ള വിവരണം പരിഞ്ഞ ശബ്ദത്തിൽ നൽകിക്കൊണ്ടിരിക്കും. ഇരുവശത്തെയും ചിത്രങ്ങൾ വ്യക്തമായി കാണാനാകുവാനുള്ള പ്രകാശ സംവിധാനവും ഒരുക്കിയിരിക്കുന്നു. സി.സി.ടി.വി. കാര്യവും സ്ഥാപിച്ചിട്ടുണ്ട്. ലളിതകലാ അക്കാദമിയുടെ പ്ലാൻ ഫണ്ടിൽനിന്ന് 36 ലക്ഷം രൂപ ചുടക്കിയാണ് ബസ് വാങ്ങിയത്. ഇന്ത്യയിൽ ആദ്യമായാണ് പൊതുമേഖലാ സംരംഭമായി സഞ്ചരിക്കുന്ന ചിത്രശാലി വരുന്നതെന്ന് ലളിതകലാ അക്കാദമി സെക്രട്ടറി വൈക്കം എം.കെ. ഷിബു പറഞ്ഞു.

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8943 22 4224

KOTTAYAM: Cyril(ASM): 8129504777. Distributor: Systel Distributors- Anandhu: 956288; Distributors- Shanu: 9847723143, Tabin: 9544658882. Service Center (Thodupuzha): 0-9605741956. Service Center (Pandalam): 9656260123, **Thiruvalla:** Distributors: CM comm

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ANNEXURE Q



ഭരണഭാഷ - മാതൃഭാഷ

തോട്ടപ്പുഴശ്ശേരി ഗ്രാമപഞ്ചായത്ത് ഓഫീസ്

മാതാമൺ പി.ഒ., പത്തനംതിട്ട ജില്ല -689 549

ഫോൺ : 0468 - 2214387, E-mail : tpsry1@gmail.com

നമ്പർ : CS-350/16

തീയതി : 16/01/2015

പ്രേക്ഷിതൻ :

സമീകർത്താവ് :

സർ,

വിഷയം :

Receipt

സൂചന :

Received copy of Order No 145/3E1AA/EC4/2746/2013 dtd 04/01/2014 of member secretary SEIAA Kerala being environmental clearance under EIA Notification 2006 for quarry project at Thottappuzhassery Grama Panchayat by M/s Panachayil Industries.



He 16/01/15
For Secretary
Thottappuzhassery Grama Panchayat

ANNEXURE R



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

ANNEXURE S



കേരളം KERALA

AT 711796

AFFIDAVIT

I, Aby Mathew, Managing Partner and Authorized Signatory of Panachayil Industries having its correspondence office at West Othara PO, Pathanamthitta, Thiruvalla, Kerala-689551 do hereby affirm and confirm as follows.

1. That, Panachayil Industries propose to develop a Quarry project at Survey Nos. 15/7, 15/15, 16/5, 16/2, 20/1, 19/1, 15/9pt, 21/5, 21/6pt, 16/4-1 and 16/4 Thottapuzhassery Village, Thiruvalla Taluk, Pathanamthitta District, Kerala.
2. That, Quarry project accorded with environmental clearance vide order number 145/SEIAA/EC4/2746/2013 dated 04/01/2016.
3. That, all the conditions stipulated in the Environmental Clearance would be scrupulously followed

Verification:

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



Solemnly affirmed and signed before me by the deponent who is personally known to me in my office at Thiruvalla on this the 11th day of June 2016.

A.P. Gokula Chandran, B.A./LL.B.
Advocate & Notary
Roll No: K/56/73 Thiruvalla.

DESHNAN KUTTY NAIR
THIRUVALLA VENDOR

04921475100 / Aby Mathew
Managing partner
12/11/2016 Panachayil Industries