

ENVIRONMENT CLEARANCE COMPLIANCE REPORT

April 2022-September 2022

For

GRANITE BUILDING STONE QUARRY (Minor Mineral)

Extent: 2.4374 Ha. (6.0229 Acres)

At

Sy No. : 135

Village : Ambalappara II

Taluk : Ottapalam

District : Palakkad

State : Kerala,

‘Quarry Project of P.P.K. Granites’

File NO: E/2703/16/DIEAA

Dated: 21/04/2017

Date: 18-11-2022

To,

The Member Secretary
State Environment Impact Assessment Authority (SEIAA)
Directorate of Environment & Climate Change
4th Floor, KSTRC Bus Terminal,
Thampanoor, Kerala-01

Respected Sir,

Sub: Environmental Clearance Compliance Report for the period April 2022 – September 2022 pertaining to ‘Granite Building Stone Quarry of ‘PPK Granites and Crusher Private Limited’

Ref: Environmental Clearance No: 4/16, Dated: 21/04/2017.

As per conditions of the above referred Environmental Clearance (EC), please find enclosed compliance report for period from April 2022 to September 2022 of the EC Granted to ‘Granite Building Stone Quarry of PPK Granites and Crusher Private Limited ‘by Ministry of Environmental & Forest under EPA (1986). Also enclosed relevant Annexures in Support of the compliance report for your perusal and record please. A soft copy of the same is sent by email for your record and perusal.

We hope you will find the attached Status Report in Order.

Thanking you,

Yours truly,

**For ‘Granite Building Stone Quarry of
PPK Granites and Crusher Private Limited’**



Shri. Nisarudeen
(Managing Director)

Encl: as above

Cc:

The Deputy Director General of Forests(C)
MoEF, Regional office, Koramangala, Bangalore.
Kendriya Sadan, 4th Floor, E & F. Wings, 17th Main Road,
Koramangala, 2ND Block, Bangalore - 560034

Description of the project

File No.	E/2703/16/DEIAA
Name of the project	Quarry Project of P.P.K. Granites & Crusher Products Pvt. Ltd (Minor Mineral)
District and state	: Palakkad, Kerala
Taluk / Mandal	: Ottapalam
Category & Schedule	B2 & Schedule 1(a)
Khasara No. / Plot No. / Block / Gate No. etc.,	: Sy. No:135
Extent of Area	2.4374 Ha
Ownership/ Occupancy	: Private Own Land
Latitude & Longitude	: N - 10°48'25.73" to N - 10°48'19.61" E - 76°24'15.16" to E - 76°24'07.04"
Address of Registered office	M/s. P.P.K. Granites and Crusher Products Private Limited.Chunangadu Post, Ottappalam, Palakkad District, Kerala – 679511 Ph No.: +91 9747125476.

Compliance Status of the General Conditions for Mining Projects Laid down by the State Environment Impact Assessment Authority, Kerala vide their Environment Clearance No. 37/2017 dated: 29/05/2017.

SPECIFIC CONDITIONS

<u>Sl No.</u>	Conditions	Status of compliance
1	A Mines manager shall be appointed to control, direct, manage and supervise the Quarrying operations as required under the Mines Act, 1952.	Mines manager has been appointed to control, direct, manage and supervise the Quarrying as required under the Mines Act, 1952.
2	Health and welfare measures for the persons employed shall be implemented.	Health and welfare measures for the persons employed in the quarry has been implemented periodic health checkups are been regularly carried out to all the employees employed in the quarry, as welfare measure proper PPE's are distributed to all the employees.
3	Controlled blasting should be practiced, and blasting shall be done during daytime. The mitigative measures for control of ground vibrations to arrest the fly rocks and boulders should be implemented.	Controlled blasting is practiced and blasting is done during day time and the mitigative measures are strictly followed to control the ground vibrations to arrest the fly rocks & Boulders.
4	Plantation shall be done which includes a green belt of adequate width around the mining lease area excluding the rocky area, along roads, overburden dumps and	Plantation is done around the mining lease area excluding the rocky area, along roads, overburden dumps and

	non-mineralized area by planting Suitable native species in consultation with the local DFO/ Agriculture Department.	non-mineralized area by planting Suitable native species in consultation with the local DFO/ Agriculture Department. Photos are attached as Annexure-2.
5	The drains should be regularly de silted and maintained properly. Check dam and gully checks shall be constructed wherever required to arrest siltation. De siltation shall also be done every year before the onset of monsoon.	The drains are regularly de silted and maintained properly. Check dam and gully checks are constructed wherever required to arrest siltation. De siltation is carried out every year before the onset of monsoon. Photos are attached as Annexure-4.
6	Fencing must be maintained properly all around the lease area.	Lease area is fenced completely. Photos are attached as Annexure-6.
7	The CSR need redrafting with inclusion of felt needs of the locality.	CSR Activities are being carried out by the Project proponent. Receipts and payments are attached as Annexure-17.
8	Appropriate sign boards should be displayed.	Sign boards have been erected at prominent places. Photos are attached as Annexure-1.
9	The blasting time must displayed and strictly adhered to.	The blasting time is displayed in the all the access of quarry road. Photos are attached as Annexure-1.
10	The PPV values must be less than 10mm/sec	Necessary mitigation measures and precautions are taken. PPV values are less than 10mm/sec
11	Dust Suppression mechanism must	Sprinklers are erected to suppress

	be in place.	the dust in all the places of the quarry area. Photos are attached as Annexure-10.
12	A separate small plot to be maintained in the premise to preserve rare and endemic species, if any, listed. In the Biodiversity assessment.	Noted.

GENERAL CONDITIONS

1.	Rainwater harvesting facility should be installed as per prevailing provisions of KMBR/KPBR, unless otherwise specified.	Rainwater harvesting is a technically feasible solution for overcoming the problem of water scarcity in Mines. Rain water harvesting facility is made and maintained.
2.	Environment Monitoring Cell as agreed under the affidavit filed by the proponent.	Environment monitoring cell is formed & is made functional.
3.	Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, including approach roads and internal roads.	Local species saplings procured from Forest department are being planted before onset of monsoons. Photos of plantation are attached as Annexure-2.
4.	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Solar Energy generation and utilization is adopted. Photos are attached as Annexure-7.
5.	Sprinklers shall be installed and used in the Project Site to contain dust emissions.	Water Tankers with Sprinklers are used in project site to control dust emission.
6.	Eco-restoration, including the Mine Closure Plan shall be done at the own cost of the Project Proponent.	Plantation of various saplings within the project area has been initiated. The mine closure plan will be prepared as agreed by the project proponent.
7.	At least 10 per cent of 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 the Pit is stipulated in the EC.	During the Closure of the mine, 10 percent of total excavated pit will be retained as water storage area and the remaining area will be reclaimed with stacked dumping & overburden and indigenous plant species will be planted.
8.	Corporate Social Responsibility (CSR) agreed upon by the Proponent should be implemented.	CSR agreed upon by the proponent is being implemented.

9.	The Lease area shall be fenced off with barbed wires to a minimum height of 4 ft around, before starting of Mining. All the boundary indicators (boards, stores, markings, etc.) shall be protected at all times and shall be conspicuous.	Lease area is fenced off with barbed wires. Sign boards have been erected at prominent places. Photos of the Sign Boards were enclosed as Annexure-1.
10.	Warning alarms indicating the time of Blasting (to be done at specific timings) has to be arranged as per stipulations of the Explosives department.	Warning alarms indicating the time of blasting are arranged as per the stipulations. Necessary precautions while blasting is taken. Blasting Time is displayed in the mine.
11.	Control measures on noise and vibrations prescribed by KSPCB should be implemented.	<ul style="list-style-type: none"> ➤ Noise and vibration control measures is implemented by adapting controlled blasting. ➤ Use of sharp drilling bits, delivery of compressed air at optimal pressure. Proper maintenance of compressor, drilling machine, jackhammers and tipper trucks. ➤ Regular monitoring of noise levels is being done within the core zone and the buffer zone of the mining lease area.
12.	Quarrying activities should be limited to daytime as per KSPCB guidelines/specific conditions.	Quarrying activities will be limited to daytime only as per KSPCB guidelines. KSPCB License is enclosed as Annexure-15.
13.	Blasting should be done in a controlled manner as specified by the regulations of the Explosives department or any other concerned agency.	Controlled blasting is done as per regulations. Copy of the Explosive License is enclosed as Annexure-16.
14.	A licensed person should supervise/control the Blasting Operations	Blasting supervision/control is done by a Mining Official having DGMS Certificate.
15.	Access roads to the quarry shall be tarred to contain dust emission that	Access road to the Quarry is well maintained. Water

	may arise during the transportation of materials.	Sprinkling is done using water tanker to control dust emissions.
16.	Overburden materials should be managed within the site and used for reclamation of Mine Pit as per Mine closure Plan/specific conditions	Overburden material is kept within the site and will be used for reclamation of Mine Pit as per Mine Closure Plan/specific conditions.
17.	Height of Benches should not exceed 5 M and width should not be less than 5 M, if there is no mention in the Mining Plan/specific conditions	The height of the benches is not above 5 metres, and the width is no less than 5 metres, Safety is ensured. (Annexure-11)
18.	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided	Mats are laid on the top of the charged holes area to control fly rock and kept below 10ppv.
19.	Maximum depth of mining and general ground level at site shall not exceed 10m	Noted.
20.	No Mining operations should be carried out at places having a slope greater than 45°	No Mining operations are carried out at places having a slope greater than 45°
21.	Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of green belt and hollow bricks envelop for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.	Acoustic enclosures are provided to reduce sound amplifications.
22.	The workers on the site should be provided with the required protective equipment such as ear muffs helmet, etc.	Requisite Personal Protective equipment (PPE's) is provided to all employees.
23.	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Garland drains are constructed to channelize storm water. Photos are attached as Annexure-5.
24.	The transportation of minerals should be done in covered trucks to contain dust emissions.	All trucks transporting material are covered by firmly tied tarpaulin.

25.	The proponent should plant trees at least 5 times the loss that has been occurred while clearing the land for the project.	Plantation are being done which includes a green belt of adequate width around the mining lease area excluding the rocky area, along roads, overburden dumps and non-mineralized area by planting suitable species in consultation with the local DFO/Agriculture Department. Photos of Plantation is attached as Annexure-2.
26.	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Spent oil is used as a lubricant for drilling machines.
27.	Explosives should be stored in magazines in isolated place specified and approved by the Explosive Department.	Explosives are stored in a Licensed Explosives Magazine, which is approved by PESO. Copy of magazine license is attached as Annexure-16.
28.	A minimum buffer distance of 50 M from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided.	No dwellings are situated within 50 M from the boundary of the quarry.
29.	100 M buffer distance should be maintained from forest boundaries	Agreed.
30.	Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating mining activity.	Consent from KSPCB under Air and Water Act(s) is obtained. Copy of the consent is attached as Annexure-15.
31.	All other statutory clearances should be obtained, as applicable, by project proponents from the respective competitive authorities including that for blasting and storage of explosives.	All required statutory clearances are obtained.
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 environment parameters/impacts as assessed, based on which only the EC is issued, the project would require a	There is no change in the scope of the project.

	fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority.	
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 provisions of the Environment (Protection) Act,1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Agreed.
34.	The stipulations by the Statutory Authorities under different Acts and Notifications should be complied with including the provisions of the Water (Prevention and control of Pollution) Act,1974, the Air (Prevention and control of Pollution) Act1981, the Environment (Protection) Act,1986, the Public Liability (Insurance) Act,1991 and EIA Notification,2006	Agreed
35.	The project proponent should advertise in at least 2 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 Environment Clearance and the copies of the Clearance letters are available with the State Environment Impact Assessment Authority (SEIAA) office 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 signed in all the pages should be	Advertisements are given in two local newspapers. Photos are attached as Annexure-13 .

	forwarded to the Office of this Authority as confirmation	
36.	A copy of the clearance letter shall be sent by the proponent to the concerned Gram Panchayat/District Panchayat/Municipality/Corporation/Urban local Body and also to the Local NGO, if any from whom suggestions/representations, if any were received while processing the proposal. The Environmental Clearance shall also be put on the website of the company by the proponent.	A copy of the Clearance is submitted to the concerned authorities. Copy of Panchayat license attached as Annexure-14 .
37.	The proponent shall submit half yearly reports on the status of compliance of the stipulated EC 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 EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective regional office of the MOEF, Govt. of India and also to the State Environment Impact Assessment Authority (SEIAA) office	Half yearly compliance reports are submitted as stipulated to State Environmental Impact Assessment Authority and the Regional Office of MoEF&CC, Bangalore.
38.	The details of Environment Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times Roman font of size 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	Details of Environmental Clearances is prominently displayed at the entrance to the Mine. Photo of the sign board is attached as Annexure-1 .
39.	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the	Noted.

	conditions stipulated in the EC shall be scrupulously followed.	
40.	No change in mining technology and scope of working should be made without prior approval of the SEIAA. No further expansion or modifications in the mine shall be carried out without prior approval of the SEIAA, as applicable.	Prior approval from the SEIAA will be sought in case of change of mining technology.
41.	The Project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.	No natural water course is obstructed. Necessary safeguard measures are taken to protect first order streams if originating from the mining lease in the future.
42.	Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places loading and unloading points & transfer point to reduce fugitive emissions.	Monitoring of Ambient Air Quality is carried out. Monitoring reports have been enclosed as Annexure-18 . Water sprinkling is done at appropriate places.
43.	The top soil, if any, shall be temporarily be stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The Over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8 m and the width 20 m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo-textiles shall be	Available top soil is being used for plantation. OB generated is stacked separately and will be vegetated with locally available shrubs and grasses.

	undertaken for stabilization of the dump. The entire excavated area should continue until the vegetation becomes self- sustaining.	
44.	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of 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 de silted particularly after monsoons and maintained properly.	Catch drains and siltation ponds are made around the mining workings, mineral and the water from the drain is directed to the Rain Water Harvesting Pond. The water from RWHP is utilized for watering the mine area, roads, green belt development etc. The drains will be regularly de silted particularly after monsoons and maintained properly.
45.	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM10 and PM2.5 such as haul road, loading and unloading points and transfer points-it shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	Regular water sprinkling is being done on all necessary roads with watertankers and sprinklers.
46.	Fugitive dust emissions from all sources should be controlled regularly. Water spraying arrangements on haul roads, loading and unloading and transfer points should be provided and properly maintained.	Fugitive dust emissions are controlled. Regular water sprinkling will be done on haul roads, loading, unloading and transfer points with water tankers with sprinklers.
47.	Measures should be taken for control of noise levels below 85 dB (A) in the work environment.	Adequate measures for noise control are adopted.
48.	A separate environmental management cell with suitable qualified personnel should be set up under the control of a senior executive, who will report directly to	An Environment Management Cell has been set up with Mr. Nisarudheen as the head of the Cell.

	the head of the Organization.	
49.	The funds earmarked for environment protection measures and CSR activities should be kept in a separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the State Environment Impact Assessment Authority (SEIAA) office.	The funds earmarked for environment protection measures and CSR activities are being kept in a separate account and will not be diverted for other purpose. Year wise expenditure will be reported to the State Environment Impact Assessment Authority (SEIAA) office.
50.	The Regional office of MoEF & CC located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the office (s) of the Regional office by furnishing the requisite data/information/monitoring reports.	Agreed
51.	Any appeal against the Environment 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	Agreed
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 withdrawal of this clearance and attract action under provisions of the Environment (Protection) Act, 1986.	Agreed
53.	The SEIAA may revoke or suspend the order for non-implementation of any of the specific or this implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of the environment protection	Agreed

54.	The above conditions shall prevail notwithstanding anything to the contrary, inconsistent or simplified, contained in any other permit, license or consent given by any other authority for the same project.	Agreed
55.	The order is valid for a period of 5 years of the expiry date of Mine lease period issued by the Government of Kerala, whichever is earlier.	Agreed
56.	The Environment Clearance will be subject to the final order of the courts in any pending litigation related to the land or the project, in any court of law.	Agreed
57.	The Mining operations shall be restricted to above ground water table, and it should not intersect ground water table.	Mining operations will be restricted to above ground water table and due care will be taken so that mining does not intersect ground water table.
58.	All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution checking center. Washing of all vehicles shall be inside the Lease area	All transportation vehicles have 'PUC' Certificate issued by an authorized Pollution checking center. All the vehicles are washed inside the lease area.
59.	Project proponent should obtain necessary prior permission of the competent authorities for drawl of necessary quantity of surface and ground water for the project.	There is no need for Drawl of Surface and ground water for the project activities.
60.	Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six-monthly reports to SEIAA.	No perennial nallah flows through the lease or exist around the Mine Lease.
61.	Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust	Occupational health surveillance will be undertaken periodically.

	and take corrective measures, if needed.	
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For Granite Building Stone Quarry of P.P.K Granites and Crusher



Mr. Nisarudeen

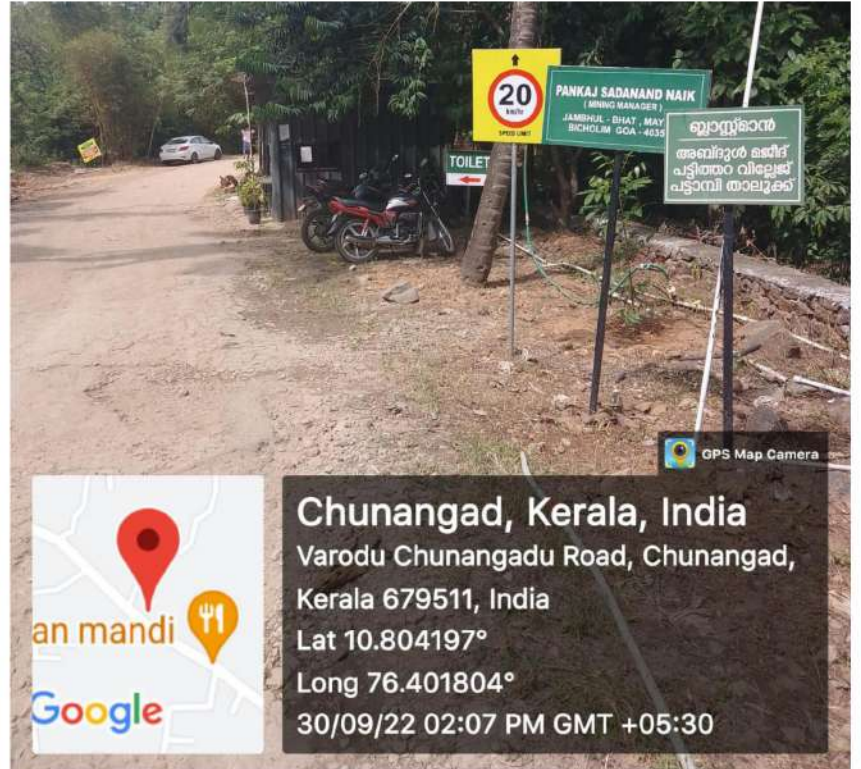
(Partner)

Date: 18-11-2022

Annexure-1

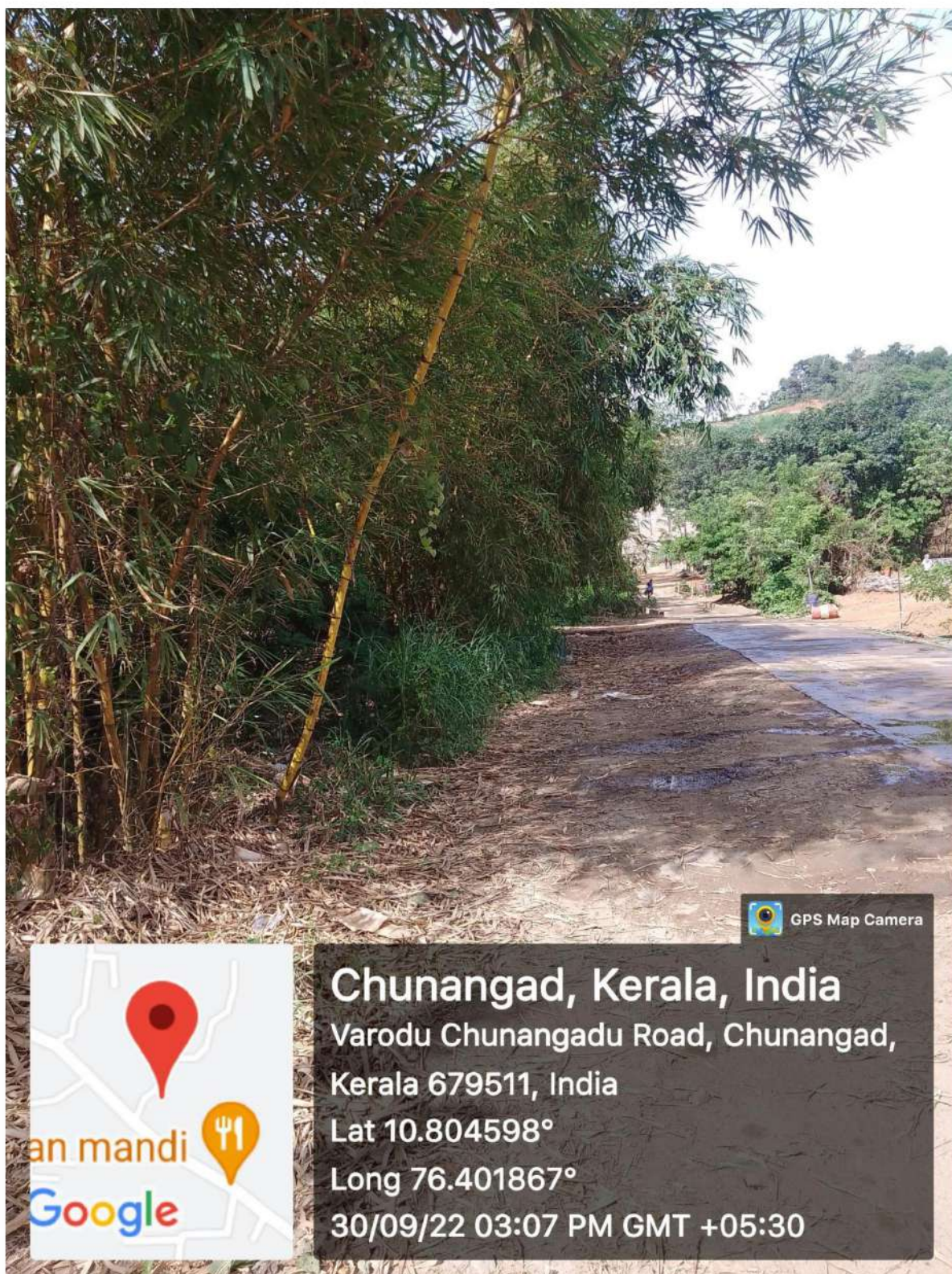


Sign Boards



Sign Boards

Annexure-2



Plantation along the Roads

Plantations



Annexure-3



Well maintained Access Roads

Annexure-4



Garland Drains

Annexure-5



Silt Settling Tank

Annexure-6



Boundary Pillars and fencing

Annexure-7



Solar energy Utilization

Ch Weight

30

Rate

3.90

BHARTIYA ONE#56, 21st A Main Road, JP Nagar 2nd
Phase,

Bangalore, Karnataka 560078

IN

6364058600

support@tapetum.in

www.tapetum.in

GSTIN: 29ALLPM5858Q2ZV



Tapetum

RETAIL INVOICE**BILL TO**PPK GRANITES & CRUSHER
PRODUCTS PVT LTD

Chunangad, Ottappalam,

Palakkad, Kerala 679511 India

State Code: 32

GSTIN: 32AAGCP9973Q1ZH

SHIP TOPPK GRANITES &
CRUSHER PRODUCTS PVT
LTD

Chunangad, Ottappalam,

Palakkad, Kerala 679511

India

State Code: 32

RETAIL INVOICE NO. TIS081**DATE 27/05/2022****PLACE OF SUPPLY**

32 - Kerala

PHONE NO

8848022406

SOLD BY

Uday

STATUS

Online

PAID

NO	HSN/SAC	PRODUCT NAME	TAX	QTY	RATE	AMOUNT
1	94055040	Solar Owl Street Light 15 Watt	12.0% IGST	1	4,950.00	4,950.00

Beneficiary Name : Bhartiya One

Bank A/C: 232405000191

Bank IFSC: ICIC0002324

Branch: JP NAGAR

IGST @ 12% on 4419.64

530.36

TOTAL

4,950.00

PAYMENT

4,950.00

BALANCE DUE

₹0.00**Terms & conditions :**

- * Products Once Sold Cannot Be Taken Back Or Exchanged.
- * Tapetum India Solar does not offer On-Site warranty.
- * This Invoice certificate does not cover the warranty of products that are lost, destroyed or tampered with.
- * This certificate is void if altered in any way.
- * Failure or Performance issue due to Tampering of Product will invalidate the warranty claim.

BHARTIYA ONE

#56, 21st A Main Road, JP Nagar 2nd
Phase,
Bangalore, Karnataka 560078
IN
6364058600
support@tapetum.in
www.tapetum.in
GSTIN: 29ALLPM5858Q2ZV

Tally

**RETAIL INVOICE****BILL TO**

PPK GRANITES & CRUSHER
PRODUCTS PVT LTD
Chunangad, Ottappalam,
Palakkad, Kerala 679511 India
State Code: 32
GSTIN: 32AAGCP9973Q1ZH

SHIP TO

PPK GRANITES &
CRUSHER PRODUCTS PVT
LTD
Chunangad, Ottappalam,
Palakkad, Kerala 679511
India
State Code: 32

RETAIL INVOICE NO. TIS120**DATE 01/07/2022****PLACE OF SUPPLY**

32 - Kerala

PHONE NO
8848022406**SOLD BY**
Uday**STATUS**
Online

PAID

NO	HSN/SAC	PRODUCT NAME	TAX	QTY	RATE	AMOUNT
1	94055040	Solar Street Light 30 Watt Bat Series	12.0% IGST	1	15,500.00	15,500.00

Beneficiary Name : Bhartiya One
Bank A/C: 232405000191
Bank IFSC: ICIC0002324
Branch: JP NAGAR

IGST @ 12% on 13839.29	1,660.71
TOTAL	15,500.00
PAYMENT	15,500.00
BALANCE DUE	₹0.00

Terms & conditions :

- * Products Once Sold Cannot Be Taken Back Or Exchanged.
- * Tapetum India Solar does not offer On-Site warranty.
- * This Invoice certificate does not cover the warranty of products that are lost, destroyed or tampered with.
- * This certificate is void if altered in any way.
- * Failure or Performance issue due to Tampering of Product will invalidate the warranty claim.

Annexure-8



Tarpaulin Covered trucks

Annexure-9



Environmental Monitoring

Annexure-10



Water Sprinkling System

Annexure-11



Bench Formation

Annexure-12

224/62/2018. 10000x100x2. GPS. © Govt. of Kerala.

FORM T.R. 5
[See Rule 90 (a)]
Acknowledgement for Receipt of Money

ORIGINAL

Receipt CI No. **0019637** Book No. **00197**

Office **Pamba Forest Officer**
Station **P.D. St. Range**
Date **30-06-22**

Received from **P.P.K. Granites, Chunargad**
Ottapalam, Palakkad
Rs. **6100/-** (Rupees **Six thousand and one hundred only**) Being the value of **100 nos. of Tall seedlings** only on account of and credited to Cash Book

Page No. **1** of **1** Initials of Cashier or Accountant. Initials of **Officer of Office.**

KL016722645202223M

DISTRICT TREASURY
PALAKKAD

Date **26.09.2022**

Palakkad **0406.01.800.95 Other item**

1401 **Social Forestry**
PKD

004

P.P.K. Granites & Crush Pvt Ltd. Chunargad Ottapalam Palakkad	Being the value of Tall seedlings of 100 nos. = 4270/-	4270/-
		4270

CASH RECEIVED

①

Plantation Receipts

Annexure-13
News Paper Ads

...missed, said a six-
Bench headed by Chief Justice authorities.

NOTICE

This is to inform to the General Public that a quarry project at survey No.135 of M/S. PPK GRANITES & CRUSHER PRODUCTS PRIVATE LIMITED at Ambalapara II Village, Ambalappara Grama Panchayat, Ottapalam Taluk, Palakkad District, Kerala is accorded with ENVIRONMENTAL CLEARANCE by District Environment Impact Assessment Authority (DEIAA), Palakkad vide order No. 4/16 (E/2703/16/DEIAA) Date : 21.04.2017 and the Copy of the Environmental clearance is available with the office of District Environment Impact Assessment Authority (DEIAA), Palakkad and may also be seen on the website of the authority at environmentalclearance.nic.in.

PPK GRANITES & CRUSHER
PRODUCTS PRIVATE LIMITED,
CHUNANGAD POST,
OTTAPALAM, PALAKKAD.

Education Goals

And game change

decisions

edexo

For more info
THIRUVANANTHAPURAM EXPRESS

Sumathi: existence

EXPRESS NEWS SERVICE

"I wish Govindachandran haunts me," said Sumathi rolling down her cheeks on Friday to dismiss the government came as a bolt from the blue.

"It is very unfortunate that I was handed out by the Supreme Court," said Sumathi.

"I don't know how it will be there were no lapses to support me in my career."



संयुक्त बैंक ऑफ़ इंडिया
Central Bank of India

POSSIBLE

Whereas the undersigned is the bank of India under the Security Assests and Enforcement powers conferred upon him by security interest (Enforcement) dated 09/09/2015 calling for Konnamkottu House, Krikkal Thiruvananthapuram 680631 presently Chowannur Post, Kunnathur.

Annexure-14
Panchayat License

ലൈസൻസ് നം. A5-801/22(228)



തീയതി..01-04-2022.....

അമ്പലപ്പാറ ഗ്രാമപഞ്ചായത്തിൽ നിന്നും 1994 ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994 ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകളും അതേതുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിച്ച്

വ്യവസായങ്ങൾക്കും, ഫാക്ടറികൾക്കും, വ്യാപാര സ്ഥാപനങ്ങൾക്കും

സംരംഭ പ്രവർത്തനങ്ങൾക്കും, മറ്റ് സേവനങ്ങൾക്കും

നൽകുന്ന ലൈസൻസ്

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	<p>ശ്രീ. സിദ്ധാർത്ഥ്, മലപ്പുറം ജില്ലാ പഞ്ചായത്ത്</p> <p>പി.പി.ഒ. ഗ്രാമപഞ്ചായത്ത് ടു ഭൂമി</p> <p>ബി.പി. ചുവട്</p>	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	പി.പി.ഒ. ഗ്രാമപഞ്ചായത്ത്	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	ബ്ലാസ്റ്റിംഗ് (കെട്ടിടം) നടത്തുന്നതിന്	
കെട്ടിടത്തിന്റെ നമ്പരും, വാർഡ് നമ്പരും	അമ്പലപ്പാറ II വില്ലേജ് പാർക്ക് 135	
ലൈസൻസ് കാലയളവ്	01-04-2022 മുതൽ 31-03-2023 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്15000/- രൂപ	രസീത് നമ്പർ
	P.T. 2500/-	12108010849495 15-3-2022
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരീക്ഷണ പത്രങ്ങളുടെ വിവരങ്ങൾ (നമ്പർ, തീയതി കാലയളവ്, നൽകിയ അധികാരസ്ഥാപനം)	<p>1. ENVIRONMENTAL CLEARANCE</p> <p>2. POLLUTION CERTIFICATE</p> <p>3. EXPLOSIVE LICENCE</p> <p>4. QUARRYING LEASE</p> <p>5. BLASTERS LICENCE</p> <p>6. മറ്റ് ഏതെങ്കിലും തരത്തിൽ തടസ്സം ഉണ്ടാകാത്തതിനുള്ള ഉറപ്പ്</p>	

ബ്ലാസ്റ്റിംഗ് പ്ലാൻ്റെ മേൽഭാഗത്ത് ചുവട് തിരുത്തലുകൾ പരിശോധിക്കുകയും താഴെ പറയുന്ന ചുവട് വിവരങ്ങൾ ഉൾക്കൊള്ളുന്നു. ചുവട് നൽകുന്നു.

ജില്ലാ പഞ്ചായത്ത് പാലാർ ജില്ലാ കളക്ടറുടെ

ജില്ലാ പഞ്ചായത്ത് പാലാർ ജില്ലാ കളക്ടറുടെ

ഓഫീസ് മുദ്ര

അമ്പലപ്പാറ ഗ്രാമപഞ്ചായത്ത്

സെക്രട്ടറി

NB : ഈ ലൈസൻസ് അവസാനിക്കുന്ന തീയതിക്ക് 30 ദിവസം മുമ്പ് ലൈസൻസ് പുതുക്കുന്നതിനുള്ള അപേക്ഷ സമർപ്പിക്കേണ്ടതാണ്.

Annexure-15
KSPCB Letter



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/PLKD/IC/CO/R17PAL4959489/2022

Date of issue :04/03/2022

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : PCB/PLKD/ICO/R2/17346072/2022

Ref : Consent no. PCB/PLKD/ICO/R1/12718907/2020 dated 28-03-2020

The ' Integrated Consent to Operate' issued as per reference above to M/s P P K GRANITE & CRUSHER PRODUCTS PVT. LTD. QUARRY,CHUNANGAD POST, AMBALAPARA OTTAPALAM, PALAKKAD - 679511 is hereby renewed up to 20/04/2023 and issued to M/s P P K GRANITE & CRUSHER PRODUCTS PVT. LTD. QUARRY,CHUNANGAD POST, AMBALAPARA OTTAPALAM, PALAKKAD - 679511 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	Validity	20/04/2023
2	Capital Investment	Rs.85.00 Lakhs
3	Category	Red
4	Fee Remitted	2000/-
5	Annual Fee	Rs.22000/-
6	Last Date For Renewal Application	28/02/2023

II. Stack Details

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

III. CONDITIONS

1. This Consent is issued based on the Judgement dated 25-10-21 of the Honourable Supreme Court of India in CA no. 6273 of 2021 and connected matters, order dated 14-12-2021 of the Honourable Supreme Court in MA no. 1904 of 2021, Judgement dated 10-11-2021 of the Honourable High Court of Kerala in WP(C) 2773 of 2021 and Judgement dated 10-12-2021 of the Honourable High Court of Kerala in WP(C) 27178 of 2021.

2. This Consent is issued subject to any order passed by the Honourable Supreme Court and Honourable National Green Tribunal in connected matters

All other conditions of the Integrated Consent to Operate issued as per reference above remain unchanged.

DATE :04/03/2022

Krishnan M N Digitally signed by Krishnan M N
Date: 2022.03.04 13:55:51 +05'30'

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER



To

P P K GRANITE & CRUSHER PRODUCTS PVT. LTD. QUARRY, CHUNANGAD POST,
AMBALAPARA OTTAPALAM, PALAKKAD - 679511

P P K GRANITE & CRUSHER PRODUCTS PVT. LTD. QUARRY, CHUNANGAD POST,
AMBALAPARA OTTAPALAM, PALAKKAD - 679511

1. This digitally signed document is legally valid as per the Information Technology Act 2000

2. For verifying this document please go to krocmms.nic.in and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent Management and Monitoring System.

Annexure-16
Explosive License



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

दिनांक (Date): 03/08/2022

संख्या (No.): E/SC/KL/22/1098(E55834)

सेवा में | To,

Shri Shiju S,
Director, PPK Granites & Crusher Products(P)Ltd, Chunangad Post, Ottappalam, Town/Village - Ambalappara 2
District-PALAKKAD, State-Kerala, Pincode - 679511

विषय: Survey No.26/2, ग्राम Ambalappara-2, Ottappalam taluk, जिला PALAKKAD, राज्य Kerala में मेसर्स Shri Shiju S द्वारा विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/1098(E55834) के संशोधन संदर्भ में।
(अनुज्ञप्तिधारी के नाम / पता / स्थिति में परिवर्तन)
Subject: Possession for Use of Explosives from magazine situated at Survey No.:26/2, Ambalappara-2, Ottappalam taluk, Dist. PALAKKAD, Kerala -Licence No.: E/SC/KL/22/1098(E55834) granted in Form LE-3 of Explosives Rules, 2008 -
(Change in Licensee Name/Address/Status).

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या Nil दिनांक 01/08/2022 का संदर्भ ग्रहण करें।
Please refer to your letter no. Nil dated 01/08/2022.

अनुज्ञप्ति संख्या E/SC/KL/22/1098(E55834) में अनुज्ञप्तिधारी के नाम / पता / स्थिति में परिवर्तन के संदर्भ में निम्नलिखित परिवर्तन प्रभावित किए गए हैं।
The following changes are effected in licence No.: E/SC/KL/22/1098(E55834) with respect to the subject below. Change in Licensee Name/Address/Status.

विषयक अनुज्ञप्ति Shri.GEORGE JOSEPH से Shri Shiju S के नाम स्थानांतरित की जा रही है।
The subject license is transferred from Shri.GEORGE JOSEPH to Shri Shiju S.

लाइसेंस रिकार्ड के अनुसार प्राधिकृत अधिकर्ता / अधिष्ठाता के नाम निम्नानुसार हैं।
The names of the Authorized Signatory/Occupier in Licence records are noted below.

क्र. No	नाम Name
1)	Shri Shiju S (Occupier)
2)	Shri Shiju S (Authorized Signatory)

किसी भी एक समय में लाइसेंस क्षमता निम्नलिखित वर्ग तथा मात्रा से अधिक नहीं होगी।
The licence capacity at any one time shall not exceed the kinds and quantities mentioned below ;

संख्या No	विस्फोटक Explosive(s)	वर्ग Class	प्रभाग Div	उप-प्रभाग Sub Div	क्षमता Capacity	इकाई Unit
1	Nitrate Mixture	2	0	0	75	Kg.
2	Safety Fuse	6	1	0	1000	Mtrs
3	Electric Detonators	6	3	0	1000	Nos.
4	Ordinary Detonator	6	3	0	3000	Nos.

किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा (अनुच्छेद 3 (ख) और (ग) के अधीन अनुज्ञप्ति के लिए लागू) : 30 गुना
Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)] : 30 times as above.

यह अनुज्ञप्ति दिनांक 31 मार्च 2024 तक प्रवृत्त रहेगी।
This Licence shall remain valid till 31st day of March 2024.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया विस्फोटक नियम, 2008 के नियम 112 के अंतर्गत प्रक्रिया का पालन करें। कृपया पावती दें।
For further revalidation(if required), please follow the procedure under Rule 112 of Explosives Rules, 2008. Receipt of this letter may please be acknowledged.

भवदीय | Your's faithfully

(पी.के.राणा | Dr. P. K. Rana)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची | Ernakulam

प्रतिलिपि प्रेषित | Copy Forwarded to:

1. District Magistrate, PALAKKAD, Kerala with reference to his Noc No: DCPKD/4911/2022/D3 (Transfer of licence) Dated: 25/07/2022
2. Superintendent of Police, PALAKKAD, Kerala.

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives
कोच्ची | Ernakulam

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क आदि के लिए हमारी वेबसाइट <http://peso.gov.in> देखें।)
(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.

Digitally signed by Dr. P. K. RANA
Reason: Licence No. : E/SC/KL/22/1098
Location: Ernakulam [E55834]
Date 2022.08.03 01:58:59 +05:30

अनुज्ञप्ति प्रारूप एल. ई.-3 | LICENCE FORM LE-3

(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)
(See article 3(a) to (d) of Part I of Schedule IV of Explosives Rules, 2008)

(ग) उपयोग के लिए एक समय पर वर्ग 1, 2, 3, 4, 5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक रखने के लिए अनुज्ञप्ति
Licence to possess : (c) for use, explosives of class 1, 2, 3, 4, 5, 6 or 7 in a magazine

अनुज्ञप्ति सं. (Licence No.): E/SC/KL/22/1098(E55834)

वार्षिक फीस रुपए (Annual Fee Rs): 2400/-

1. Licence is hereby granted to

Shri Shiju S (अधिभोगी / Occupier : Shri Shiju S), Director, PPK Granites & Crusher Products(P)Ltd, Chunangad Post, Ottappalam, Town/Village - Ambalappara 2, District-PALAKKAD, State-Kerala, Pincode - 679511

को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्राप्ति | Status of licensee : **Company**

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमाम्य है।

Licence is valid only for the following purpose.

4. अनुज्ञप्ति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमाम्य है।

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

क्र. Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में Quantity at any one time
1.	Nitrate Mixture	2, 0	0	75 Kg
2.	Safety Fuse	6, 1	0	1000 Mtrs
3.	Electric Detonators	6, 3	0	1000 Nos.
4.	Ordinary Detonator	6, 3	0	3000 Nos.

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

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

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

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

रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1098(E55834)

दिनांक (Dated) 03/08/2022

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

Survey No. 26/2, ग्राम (Town/Village) : Ambalappara-2, Ottapalam taluk

जिला (District)

PALAKKAD

राज्य (State)

Kerala

पिनकोड (Pincode)

679511

दूरभाष (Phone)

9349457743

ई.मेल (E-Mail)

jkumar.jk.14@yahoo.com

फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

The licensed premises consist of following facilities.

STONE MASONRY MAGAZINE CONSISTING OF HIGH EXPLOSIVES ROOM AND DETONATOR ROOM SEPERATELY

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

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

1. उपर्युक्त क्रम सं. 5 में यथा कथित रेखाचित्र (स्थान, सन्निर्माण संबंधी और अन्य विवरण दर्शित करते हुए)।

Drawings (showing site, constructional and other details) as stated in serial No. 5 above.

2. अनुज्ञप्ति प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञप्ति की शर्तों और अतिरिक्त शर्तों।

Conditions and Additional Conditions of this licence signed by the licensing authority.

3. दूरी प्रारूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञप्ति तारीख **31 मार्च 2015** तक विधिमाम्य रहेगी। This licence shall remain valid till **31st day of March 2015**.

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 अधिकमण करने या यदि अनुज्ञप्ति परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिलिखित 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 - 01/10/2010

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

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 06/04/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 21/01/2021
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 25/03/2021

Transfers :

- Change in Licensee Name/Address/Status dated : 17/09/2012
- Change in Licensee Name/Address/Status dated : 03/08/2022

नवीनीकरण के पृष्ठांकन के लिए स्थान
Space for Endorsement of Renewal

नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature of licensing authority and stamp
21/01/2019	31/03/2024	Sd/- Dy. Chief Controller of Explosives, Ernakulam

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

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

Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.

Digitally signed by Dr. P. K. RANA
Reason: Licence No. : E/SC/KL/22/1098
Location:Ernakulam [E55834]
Date:2022.08.03 01:57:19 +05:30

Annexure-17

CSR Activites

SCHOOL GIRLS TOILET(1 UNIT) DETAILED ESTIMATE								
sl.no	description	NO	L	B	D	CF	Quantity	remark
1	clearing grass and removal of rubbish up to a distance of 50m outside the periphery of the area cleared.						25	
	site clearing	1	5	5			119.5	
								say 25.00 sqm @RS 4.78/Sqm
2	earthwork in excavation by mechanical means (hydraulic excavator)/ manual means in foundation trenches or drains (not exceding 1.5m in width or 10 sqm on plan). Including dressing of sides and ramming of bottoms , lift upto 1.5m including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50m . all							
	foundation	1	6.96	0.6			4.176	
							4.176	
							910.702	
								say 4.176cum @RS 218.08/cum
3	Dry stone masonry for retaining walls and foundation							
	FOUNDATION	1	6.96	0.6			4.176	
	BASEMENT	1	6.96	0.45			3.132	
	step	2	1	0.3			0.6	
							7.908	
							21807.1	
								say 7.908cum @RS 2757.6/cum
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)							
	FLOOR	1	1.2	1.8	0.1		0.216	
							0.216	
							1500	
								say .216cum @RS 6944.65/cum
5	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level: 1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size							
	PLINTH BEAM	1	6.96	0.24	0.4		0.66816	
							0.66816	
							5537.27	
								say .668cum @RS 8289.33/cum

7	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m							
	FILLING	1	1.2	1.8	0.35		0.756	
		TOTAL QUANTITY					0.756	
		say .756 cum @ RS 164.81/cum					124.59	
12	Centering and shuttering including strutting, etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform							
		slab						
	ROOF	1	2.4	1.8			4.32	
		TOTAL QUANTITY					4.32	
		say 4.32 sqm @ Rs 553.47 / sqm					2390.99	
13	Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders, bressumers and cantilevers							
		Lintel						
	LINTEL	1	0.9		0.24		0.216	
		TOTAL QUANTITY					0.216	
		say .216 sqm @ Rs 449.40/ sqm					97	
	Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).							
	roof	1	2.4	1.8	0.12		0.518	
	lintel	1	1.2	0.24	0.24		0.07	
		TOTAL QUANTITY					0.588	
		say .588 cum @ Rs 9686/cum					5695.36	
14	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars							
	REINFORCEMENT	1				70	70	
		TOTAL QUANTITY					70	
		say 70kg @ Rs87.57/kg					6129.9	
15	Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x20cm or nearest available size confirming to IS 2185 Part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete							


		GF					
	HORIZONTAL	1	6.96	0.24	2.1		3.50784
		DEDUCTIONS					
	DOOR D1	1	0.9	0.24	2.1	-1	-0.4536
		TOTAL QUANTITY					3.05424
		say 3.054 cum @ Rs 7029.750/cum					21468.9
16	6 mm cement plaster of mix: 1:3 (1 cement : 3 fine sand)						
		ceiling					
	CEILING	1	1.8	1.2			2.16
		TOTAL QUANTITY					2.16
		Say 2.16 sqm @ Rs 188.46/ sqm					407.07
17	12 mm cement plaster finished with a floating coat of neat cement of mix: 1:3 (1 cement : 3 fine sand)						
	INSIDE	1	6	2.1			12.6
	OUTSIDE	1	7.92	2.1			16.632
		TOTAL QUANTITY					29.232
		Say 29.232 sqm @ Rs 297.24/ sqm					8688.92
18	White washing with lime to give an even shade: New work (three or more coats)						
		OUTSIDE					
	OUTSIDE	1	7.92		2.1		16.632
		INSIDE ROOM GF					
	INSIDE	1	6		2.1		12.6
		DEDUCTIONS					
	DOOR D1	2	0.9		2.1	-1	-3.78
		TOTAL QUANTITY					25.452
		Say 25.452 sqm @ Rs 16.14/ sqm					410.79
19	Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr/10 sqm						
		OUTSIDE					
	OUTSIDE	1	7.92		2.1		16.632
		INSIDE ROOM GF					
	INSIDE	1	6		2.1		12.6
		DEDUCTIONS					
	DOOR D1	2	0.9		2.1	-1	-3.78
		TOTAL QUANTITY					25.452
		Say 25.452 sqm @ Rs 117.959/ sqm					3002.29

20	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete.							
	FLOOR	1	1.8	1.2			2.16	
	WALL	1	6	1.5			9	
	TOTAL QUANTITY						11.16	
	Say 11.16 sqm @ Rs 902.15/ sqm						10068	
21	Providing and fixing 1 mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces							
	door	1	0.9	2.1			1.89	
	TOTAL QUANTITY						1.89	
	Say 1.89 sqm@ Rs 3759.48/ sqm						7105.41	
22	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: W.C. pan with ISI marked black solid plastic seat and lid							
	WC	1					1	
	TOTAL QUANTITY						1	
	Say 1no@ Rs 4210/no						4210	
23	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps							
	WASH BASIN	1					1	
	TOTAL QUANTITY						1	
	Say 1no@ Rs 2799/no						2799	
24	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : Rectangular shape 453x357 mm							
	MIRROR	1					1	
	TOTAL QUANTITY						1	
	Say 1no@ Rs 892/no						892	

25	SOAK PIT		8000	
	PLUMPING		9000	
	ELECTRIFICATION		9000	
	LUMPSUM		6000	
	GRAND TOTAL		1,29,365	


 ACCREDITED ENGINEER
 MONTESA
 Ambalappuzha Gramapanchayat




 സെക്രട്ടറി
 അമ്പലപ്പുഴ ഗ്രാമ പഞ്ചായത്ത്

HDFC BANK DARAA TOWER, PAZHAYA ROAD, MEDICAL COLLEGE, P.O., TRIVANDRUM, TRIVANDRUM-695011, KERALA RTGS / NEFT IFSC : HDFC0004740		05052022 D D M M Y Y Y Y Valid for 3 months only
Pay <u>SUDHEESH</u>	Or Bearer	
Rupees <u>Twenty Five Thousand Rupees Only.</u>	या धारक को	
अदा करे ₹ <u>25000/-</u>		
A/c No. 50200066618922 Brn: 4740 Pdt:837 CC eAHRITYA (New Account)	For PPK GRANITE AND CRUSHER PRODUCTS PVT LTD	
Payable at par through clearing/transfer at all branches of HDFC BANK LTD Authorised Signatories Please sign above / പേപ്പർ നൽകേണ്ട സ്ഥലത്ത് ഒപ്പുവെക്കുക		
000003 6952400141 007475* 29		

സുഖനസ്തുകളുടെ സഹായം തേടുന്നു..



പേര് : സുധീഷ്
വയസ്സ് : 28

സുഹൃത്തേ

പാലക്കാട് ജില്ലയിലെ കരിമ്പ ഗ്രാമപഞ്ചായത്തിൽ 6-ാം വാർഡ്
ചുരക്കോട് താമസിക്കുന്ന പഴനിയപ്പൻ എന്നയാളുടെ മകൻ
സുധീഷ് (വയസ്സ് 28) ക്രഷർ മെഷീനിൽ വീണ് ഗുരുതരാവസ്ഥയിൽ
തൃശ്ശൂർ ആശുപത്രി ഹോസ്പിറ്റലിൽ ചികിത്സയിലാണ്. ഇവരെ
സഹായിക്കുന്നതിനുവേണ്ടി പറ്റാവുന്ന ആളുകൾ താഴെ കൊടുത്തിരിക്കുന്ന
അക്കൗണ്ട് നമ്പറിലേക്ക് നിങ്ങളാൽ കഴിയുന്ന സാമ്പത്തിക സഹായം
നൽകണമെന്ന് വിനീതമായി അഭ്യർത്ഥിക്കുന്നു..

HOLDER NAME : SUDEV.K.P (Brother)
FEDERAL BANK KALLADIKODE BRANCH
A/C NUMBER : 10890100139353
IFSC CODE : FDRL0001089
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9746861551



CSR Activity



AXIS BANK LTD

KUMARAPURAM TRIV KL, TRIVANDRUM, 695011
IFS CODE - UTIB0004219

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Pay **DIVYARAM MEDICAL AND RESEARCH INSTITUTE PVT LTD** OR ORDER / या उनके आदेश पर

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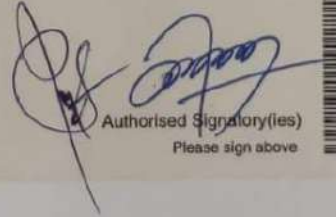
₹ **100,000/-**

A/C NO.

921020003873333

CASEL 000460

For PPK GRANITE AND CRUSHER PRODUCTS PRIVATE LIMITED


Authorised Signatory(ies)
Please sign above

Payable at par at all branches of Axis Bank Ltd in India.

⑈004819⑈ 695211015⑈ 000460⑈ 29



Reg.No.
PKD/CS/340/2018

“ആഷിയാന” വ്യവസായം

21/184 അഞ്ചാം മൈൽ, എടത്തറ, പാലക്കാട് - 678 611

Mob: 9778725518, 8308146453, 9323258904 Ph: 0491- 2959585

നമ്പർ **1015** സംഭാവന രശീതി തീയതി 08/04/22

ശ്രീ/ ശ്രീമതി P.P.K Granite

പക്കൽ നിന്നും

സംഭാവനയായി കിട്ടി ബോധിപ്പിക്കുന്നു.



500/-

അഡ്മിനസ്ട്രേറ്റീവ്
ഓഫീസർ

ചെയർപേഴ്സൺ



ഡോ. ബി.ആർ. അബ്ദുൾ വെൽഫയർ &
ചാരിറ്റബിൾ സൊസൈറ്റി



പള്ളിക്കൽ തട്ടുരുമ്പുക്കുടം VI / 201 (Dr. BRARWCS) അംഗീകൃതതനം പി.ഒ. പാലക്കാട് (HO)
പാലക്കാട്, ചെമ്പുഴ, 678008, കേരളം, ഇന്ത്യ, 9809712118 തടങ്ങിയിട്ടു വരുന്ന, ഏറ്റാർക്കൽ ഓഫീസ് - 9145821137

നമ്പർ : 340

സംഭാവന രശീതി

രജി. നമ്പർ PKD/ CA/205/2017

തീയതി 18/04/16

പേര് PRIC GRANITES & CRUSHER
PRODUCTS PVT LTD.

₹ 300/-

[Handwritten signature]
സംഭാവന സ്വീകരിച്ചവർ

Ph(Office) :
7907211301
8590834146
Pan No :
AADTM8909M

MOTHER CHARITABLE TRUST
മാദർ ചാരിറ്റബിൾ ട്രസ്റ്റ്

Reg No : 86/IV/2014
Sal-Haj Complex, Opp.CPM Party Office,
Main Road Alathur

Bank Account
Mother charitable Trust
Central Bank of India
Branch : Alathur
A/c : 3434466284
IFSC : CBIIN0285013

നമ്പർ : 457

സംഭാവന രശീതി

തീയതി...13/4/2022

പ്രവർത്തനഫണ്ടിലേക്ക് ജ. P.P.K. Annitha S. Ravha

Prodent Pvt. Ltd

പക്കൽനിന്നും 300/-

സംഭാവനയായി നന്ദിപൂർവ്വം കിട്ടിബോധിച്ചു.

₹ 300/-



Office Time : 10.00am to 5.00pm



GURUPRASADAM

CHARITABLE TRUST & OLD AGE HOME

Reg. No. 48/IV 2012, OCB - 2288
No. 10 Kalam, R.V.P. PUDUR, VANNAMADA P.O., KOZHINJAMPARA, PALAKKAD,
KERALA INDIA, PIN - 678 555. Mob: 9495131388



Sl.No. **1654**

Receipt

Sri/Smt. **Dr. C. Aravind**

Address



₹ **300/-**

For
Chairman / Secretary



BAFAKI THANGAL SMARAKA SOUDHAM

(Ambalapara Panchayath Muslim League Office)

Chunangad Malappuram, Ottapalam

No. 30

BUILDING FUND

Date : 28/09/22

Received with thanks from P.P.K. CRUSHER

Chunangad

the sum of rupees Ten Thousand only

towards

₹ 10000/—



Convener

BAFAKI THANGAL SMARAKA SOUDHAM

(Ambalapara Panchayath Muslim League Office)

Chunangad Malappuram, Ottapalam

No. 29

BUILDING FUND

Date : 29/09/22

Received with thanks from P.P.K. CRUSHER

Chunangad

the sum of rupees Ten Thousand only

towards

₹ 10000/—



Convener



MOTHER CHARITABLE TRUST

Reg.No. 86/IV/2014,

P.M. Complex, Main Road, Alathur, Palakkad - 678 541. Mob: 7907211301

No.:

1406

DONATION

Date:

12/08/22

Name:

PPK Granite & Crystals products

Particulars	Amount	
	Rs.	Ps.
	2000	

Received the sum of rupees

Two hundred
Rupees only

Name:



Signature

കൃപ ചാരിറ്റബിൾ സൊസൈറ്റി - വ്യഡസരനം

രജി. നമ്പർ : TSR/TC/692/2013

പരപ്പറ്റ ശിവക്ഷേത്രത്തിനു എതിർവശം, കിള്ളിമംഗലം, ചെറങ്ങോണം

ഫോൺ : 9961629754, 7510334096

നമ്പർ

സംഭാവന കൂപ്പൺ

തീയതി

28/08/22

238

Rs. 100/-

പേര്

P.P.K. Granites & Ceramics

ഫോൺ നമ്പർ

പ്രസിഡന്റ്

A/c No. 33782426239, Kripa Charitable Society.

IFSC : SBIN0012891, SBI Chelakkara Branch

കൃപ ചാരിറ്റബിൾ സൊസൈറ്റി - വ്യഡസരനം

രജി. നമ്പർ : TSR/TC/692/2013

പരപ്പറ്റ ശിവക്ഷേത്രത്തിനു എതിർവശം, കിള്ളിമംഗലം, ചെറങ്ങോണം

ഫോൺ : 9961629754, 7510334096

നമ്പർ

193

സംഭാവന കൂപ്പൺ

തീയതി

28/08/2022

Rs. 200/-

പേര്

P.P.K. Granites & Ceramics

ഫോൺ നമ്പർ

പ്രസിഡന്റ്

A/c No. 33782426239, Kripa Charitable Society.

IFSC : SBIN0012891, SBI Chelakkara Branch



GRAMOTHAYA BHAVAN

Tharoor P.O., Palakkad Dist, Kerala - 678544

Ph: 8078025838, 8075723635

Reg. No. PKD/CA/147/2017

Donation Receipt

Date. 31/8/22

No.

1245

Received with thanks from Sri/ Smt/ M/s. P P K Granite.

& Crusher Products Changanassery

a sum of Rupees. Five hundred only

being donation

₹ 500/-

President

Secretary

Treasurer



ഗുരുപ്രസാദം (ചാരിറ്റബിൾ ട്രസ്റ്റ്)

Reg. No. 48/IV 2012, OCB - 2288

"ഗുരുപുരം", No. 10 കളം, R.V.P. പുതൂർ, വണ്ണാമം (പി.ഒ.),
കൊഴിഞ്ഞാമ്പാറ, പാലക്കാട്, കേരള - 678 555. ഫോൺ: 9495131388



നമ്പർ 2156

രശീതി

തീയതി 11/06/22

ശ്രീ/ശ്രീമതി PPK Cranites & Crushed Lites
Pvt Ltd, Cherand പക്കൽനിന്നും

രൂപ
സംഭാവനയായി നന്ദിപൂർവ്വം കിട്ടിയിട്ടുണ്ട്.

₹ 500/-



എസ്,
ചെയർമാൻ / സെക്രട്ടറി



MOTHER CHARITABLE TRUST

Reg.No. 86/IV/2014,

P.M. Complex, Main Road, Alathur, Palakkad - 678 541. Mob: 7907211301

No.:

1004

DONATION

Date:

16.6.2022

Name:

P.P. K. Gnanapriya

Particulars	Amount	
	Rs.	Ps.
	500/-	00

Received the sum of rupees

500/-

Name:



ആദിവാസി ഭൂമി ഐക്യവേദി

Reg. No. R 387 / 08

സംസ്ഥാന പ്രവർത്തനഫണ്ട്

0203

നമ്പർ

സംഭാവന രശ്മിതി

തീയതി 15/6/20

ശ്രീ./ശ്രീമതി

കെ. ശിവദാസൻ

പക്കൽനിന്നും

നന്ദിപൂർവ്വം കിട്ടിബോധിച്ചു.

കെ. ശിവദാസൻ

സംസ്ഥാന സെക്രട്ടറി, ആദിവാസി ഭൂമി ഐക്യവേദി
സംസ്ഥാനകമ്മിറ്റി, കൂര്യാക്കോട്ട് ബിൽഡിങ്ങ്,
തെക്കുംപാടം റോഡ്, പട്ടിക്കാട് പി.ഒ., തൃശ്ശൂർ

₹ 300/-

സന്നേഹോദയം ചാരിറ്റബിൾ ട്രസ്റ്റ്

(ഹോം കെയർ അനാഥ അഗതികൾ)

ഹൗസ് നമ്പർ 10/357, രജി. നമ്പർ. 83/IV/2006. / Mob : 9605012982, 04884-253254
 പേലക്കോട്, പഴയന്നൂർ, തൃശ്ശൂർ ജില്ല. പിൻ - 680 587, കേരളം.

രശീതി

തീയതി 23/06/20



നമ്പർ : 119
 ശ്രീ/ശ്രീമതി : PPK GRANITES & CRUSHER
 പക്കൽ നിന്നും PRODUCTS PVT LTD രൂപ സംഭാവനയായി
 നന്ദിപൂർവ്വം കിട്ടിപ്പോയിച്ചു.

Rs. 200/-

(പ്രസിഡന്റ് / സെക്രട്ടറി

Thrissur District Co-Operative Bank Ltd.
 Pazhayannur Branch J.P. Towers, Main Road, Pazhayannur
 A/C - 8000 579 3688 - IFSC CODE : IBKL0269TDC

സന്നേഹോദയം ചാരിറ്റബിൾ ട്രസ്റ്റ്

(ഹോം കെയർ അനാഥ അഗതികൾ)

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രശീതി

തീയതി 25/06/20

നമ്പർ : 1640
 ശ്രീ/ശ്രീമതി : PPK GRANITES & CRUSHER PVT LTD
 പക്കൽ നിന്നും
 നന്ദിപൂർവ്വം കിട്ടിപ്പോയിച്ചു.

Rs. 50/-

(പ്രസിഡന്റ് / സെക്രട്ടറി

Thrissur District Co-Operative Bank Ltd.
 Pazhayannur Branch J.P. Towers, Main Road, Pazhayannur
 A/C - 8000 579 3688 - IFSC CODE : IBKL0269TDC

Reg.No. 1860/98, K.K. Junction, Ponnani,
Br. Pirayiri, Palakkad, Mannuthi- Thrissur
AIDS, CHICKUN GUNIA SPECIAL

RECEIPT

Date 23/0/20

PB k Co. Security:

a sum of Rupees Two being donation

₹	300
---	-----

Society Director

Olthapalan

BLOCK PATHIPU

ORDER FORM

No. 626

Date _____

From : P.P.K. Granules & Crushers Products (P) Ltd.

Chungachad

Phone : 8086092471

To,

The Manager,
Rashtraveekshanam Publications, Palakkad - 1

Sir,

Please publish an advertisement in Olthapalan Block Pathipu.

Location

Rate

Advance

Balance

500	—
500	—

Yours Faithfully



(Signature of Advertiser)

Rupees in Words

Five Hundred
only

For Rashtraveekshanam

Advertisement Matter



RASHTRAVEEKSHANAM PUBLICATIONS

(A Sister Concern Of Rashtraveekshanam Group)

K.K. Building, IIIrd Floor, Mettupalayam Street, Palakkad - 678 001

Ph: +91 70258 39402 E-mail: rashtraveekshanammagazine@gmail.com



ഡോ. ബി.ആർ. അബ്ദുൾ വെൽഫയർ & ചാരിറ്റബിൾ സൊസൈറ്റി

പ്രൈവറ്റ് ലിമിറ്റഡ് ആന്ററുവുക്കോട് VI / 201 (Dr. BRARW/CS) അകത്തേത്തറ പി.ഒ. പാലക്കാട് (HO)
പാലക്കാട് ജില്ല, 678006, കേരള, ഇന്ത്യ. 9809712118 നടപ്പാളിക നോഡ്, മണ്ണാർക്കോട് ഓഫീസ് - 9145821137

280

സംഭാവന രശീതി

രജി. നമ്പർ PKD/ CA/205/2017

തീയതി 29/06

പേര് PPK GRANITES & crusher products
PVT LTD

₹ 200/-

[Handwritten signature]

Govt. Medical College Hospital, Thrissur
M.G. Kavu, Medical College (P.O.), Thrissur - 680 596. Ph: 0487 2200310 - 16

OUT PATIENT REGISTRATION CARD

Clinic	Gastroenterology	Date	18-Aug-2022 09:53:17
Token No.	291	Category	General
Unit	Gastroenterology-MGS	Room No.	Nw Hosp Bldg. 2F-15
Name	MOHANAN	Days	THU
UHID	20220318360	Sex	Male
Referred from	53 yr 0 mn 0 dy		

uldo CHD & PHTN / esophageal
varices

daytime sleepiness (+)

no constipation +

fatigued (+)

fever - high grade & chills x 2 days

also fatigued

petechia

(+) lower abdomen
and chest

no abd. pain / constipation

ole

conscious
febrile
PR - 120
P/A soft

no sleep

chest clear

Imp:

etc. undifferentiated fever / & bleeding
manifestation
CHD & PHTN

adw

one / chest xray

Please bring this card on each visit

**MEDICAL CERTIFICATE FOR
AVAILING FINANCIAL ASSISTANCE
FOR TREATMENT**

(To be issued by the Head of the Hospital where
the Patient undergoes Treatment)



1. Name and Address of the Patient - Mohanan. 49 51yrs
Cheramangalam.
Pazhayandithara
678703
2. OP / IP No. with date of Registration / Admission. - 70-278
3. Description of the disease - Alcoholic Liver Cirrhosis with
Portal HTN, Intrahepatic Portal
Venn Thrombosis / Hepatorenal
Syndrome / Hypothyroidism /
Hypocalcaemia with Tetany.
4. Treatment Recommended -
5. Expenditure already Incurred, if any - Needs life long treatment.
He may need liver transplan
ation which costs around
Rs. 25 lakhs. CAT MAMRITA
Institute of Medical Science
6. Anticipated expenditure of the
treatment undergoing -
7. Remarks -

Place : Palakkad.

Date : 1/9/21



Signature and Name of
the Issuing Authority
and Name and Address of the Hospital

Dr. Athira. B.M.
Assistant Surgeon -
CHC Nermar.
ASSISTANT SURGEON
Health Centre

CIN-U5510KL710PTCO26466

P.P.K. GRANITES & CRUSHER PRODUCTS PVT. LTD.

CHUNANGAD, OTTAPALAM, PALAKKAD

CASH VOUCHER

No.

Name M. HANAN

Date 01/09/22

Head of Account.....

Particulars	Amount	
	Rs.	Ps.
Donation Medical Allowance	1000/-	
TOTAL	1000/-	

Received Rupees in words One Thousand Rupees only

Prepared

Approved

Receiver

Annexure-18
Monitoring Reports



GLOBAL Environment & Mining Services

(Consulting Engineers, Mine designers, Geologist & Surveyors)

3rd Main Road, Basaveswara Badavane,

HOSPET - 583201, Dist., Bellary (Karnataka)

Ph : +91 8394 229433 & 295018

e-mail : gems_hpt@yahoo.com,

Website : www.globalmining.in



GEMS-LD/TF/11/01

Date: 16.07.2022

Analysis Report of Ambient Air Quality Monitoring

1	Name of the Customer/Address	Granite Building Stone Quarry of M/s.P.P.K. Granites and Crusher Products Private Limited. Extent: 2.4374 Ha. Re Sy. No.,135/pt, Ambalappara-II Village, Otappalam Taluk, Palakkad District, Kerala State.
2	Sample Description	: Ambient Air Quality Monitoring
3	Sample Collected By	: GLOBAL Environment & Mining Services
4	Duration of the Monitoring	: 24 Hour of Sampling
5	Location of Monitoring	: (A1) Core zone
6	Report No	: ULR-TC532322000001104F

Result

Sl No.	Date	Parameters in $\mu\text{g}/\text{m}^3$				
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Lead in PM
1	11.07.2022	57.6	25.9	19.4	14.5	BDL
NAAQ Standards 2009		100	60	80	80	1.0

PM₁₀ - IS 5182 (Part 23): 2006 (RA 2017)

PM_{2.5} - USEPA 2001

SO₂ - IS 5182 (Part 2): 2001 (RA 2017) BDL (<3.0)

NO₂ - IS 5182 (Part 6): 2006 (RA 2017) BDL (<5.0)

Lead - IS 5182 (Part 22): 2004 (RA 2014)

BDL - Below Detectable Limit.

J.M. Th

Analyzed By
J.M. Thippeswamy
Chemist



Authorized Signatory
K. Ramakrishna Reddy
Technical Manager

- Approved by NABL & Recognized by Ministry of Environment, Forest and Climate Change for Laboratory
- Recognized by Government of Karnataka, Maharashtra, Goa for DGPS survey

Note:

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Ministry of Environment, Forest and Climate Change

GEMS-LD/TF/11/01
Date: 16.07.2022

Analysis Report of Ambient Air Quality Monitoring

1	Name of the Customer/Address	Granite Building Stone Quarry of M/s.P.P.K. Granites and Crusher Products Private Limited. Extent: 2.4374 Ha. Re Sy. No., 135/pt, Ambalappara-II Village, Otappalam Taluk, Palakkad District, Kerala State.
2	Sample Description	: Ambient Air Quality Monitoring
3	Sample Collected By	: GLOBAL Environment & Mining Services
4	Duration of the Monitoring	: 24 Hour of Sampling
5	Location of Monitoring	: (A2) Murugumpetta
6	Report No	: ULR-TC532322000001105F

Result

Sl No.	Date	Parameters in $\mu\text{g}/\text{m}^3$				
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Lead in PM
1	12.07.2022	50.1	23.6	17.7	13.2	BDL
NAAQ Standards 2009		100	60	80	80	1.0

Note: No Mining activities during the period of Monitoring.

PM10 - IS 5182 (Part 23): 2006 (RA 2017)

PM2.5 - USEPA 2001

SO2 - IS 5182 (Part 2): 2001 (RA 2017) BDL (<3.0)

NO2 - IS 5182 (Part 6): 2006 (RA 2017) BDL (<5.0)

Lead - IS 5182 (Part 22): 2004 (RA 2014)

BDL - Below Detectable Limit.

J.M.Th

Analyzed By
J.M. Thippeswamy
Chemist

P.K.R

Authorized Signatory
K. Ramakrishna Reddy
Technical Manager



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e-mail : gems_hpt@yahoo.com,

Website : www.globalmining.in



GEMS-LD/TF/11/01

Date: 16.07.2022

TEST REPORT OF AMBIENT NOISE LEVEL MONITORING

- Granite Building Stone Quarry of
M/s.P.P.K. Granites and Crusher Products Private Limited.
- 1 Name of the Customer/Address : Extent: 2.4374 Ha.
Re Sy. No., 135/pt, Ambalappara-II Village,
Ottappalam Taluk, Palakkad District, Kerala State.
- 2 Sample Description : **Ambient Noise Level monitoring**
- 3 Sample Collected By : GLOBAL Environment & Mining Services
- 4 Particulars of Sample Collected : Noise Level Meter (Equinox-107)
- 5 Duration of the Monitoring : 24 Hours Sampling
- 6 Date of Analysis Completion : 12.07.2022
- 7 Report No : ULR-TC532322000001106F

Result

Date	11.07.2022	12.07.2022
Name of the Location	Core Zone	Murugumpetta
Time (hrs)	N1	N2
6.00	40.6	41.5
7.00	45.3	44.7
8.00	48.5	49.3
9.00	51.6	50.9
10.00	56.2	54.8
11.00	57.9	55.4
12.00	54.3	51.6
13.00	54.1	52.1
14.00	56.8	54.7
15.00	58.3	56.5
16.00	57.2	55.3
17.00	55.9	52.7
18.00	54.2	51.5
19.00	49.1	49.7
20.00	48.3	49.3
21.00	47.5	48.3
22.00	46.2	47.3
23.00	42.7	44.5
00.00	40.8	41.8
01.00	37.4	38.5
02.00	35.5	36.7
03.00	36.8	37.4
04.00	37.1	38.1
05.00	37.5	38.7

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ULR-TC532322000001106F		
L max	58.3	56.5
L min	35.5	36.7
Ld	54.6	52.7
Ln	40.8	41.9
Ldn	53.5	52.5

Area Code	Category of Area	Limit in dB(A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Area	50	40

Note	Day time shall mean from 6:00 am and 10:00 pm
	Night time shall mean from in between 10:00 pm and 5:00 am
	Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority
	Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority
	*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which relatable to human being
	A "decibel" is a unit in which noise is measured
	"A", in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
Leq: It is energy mean of the noise level over a specified period.	

R.K.R

Authorized Signatory
Technical Manager



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GEMS-LD/TF/11/01

Date: 16.07.2022

ANALYSIS REPORT OF WATER QUALITY DATA

1	Name of the Customer/Address	:	Granite Building Stone Quarry of M/s.P.P.K. Granites and Crusher Products Private Limited. Extent: 2.4374 Ha. Re Sy. No., 135/pt, Ambalappara-II Village, Ottappalam Taluk, Palakkad District, Kerala State.
2	Sample Collected By	:	GLOBAL Environment & Mining Services
3	Sampling Method	:	Grab Sample
4	Date of sample collection	:	11.07.2022
5	Date of sample Received	:	14.07.2022
6	Date of sample Analyzed	:	15.07.2022
7	Report Number	:	ULR-TC532322000001107F

Result

Sl. No.	Parameters	Unit	Result	Test Protocol	Requirement/Limit IS : 10500 : 2012	
					Acceptable	Permissible
1.	pH	-	7.12	APHA 22 nd Edition 2012 4500 B (Pg No. 4-92 to 4-96)	6.5	8.5
2.	Colour*	Hazen	<5	IS:3025 (PART 14)- 1984, RA- 2012 Platinum cobalt Method	5	15
3.	Taste*	-	Ag	IS 3025 Part 8 1984	Ag	Ag
4.	Odour*	-	Ag	IS: 3025 (Part 5) – 1983, Ra-2012, True Odour	Ag	Ag
5.	Turbidity	NTU	1.53	APHA 22 nd Edition 2012 2130 B (Pg No. 2-14)	1	5
6.	Conductivity	µS/cm	175	APHA 22 nd Edition 2012 2510 B (Pg No. 2-54)	-	-
7.	Total Dissolved Solids	mg/L	197	APHA 22 nd Edition 2012 2540 B (Pg No. 2-65)	500	2000
8.	Total Alkalinity as CaCO ₃	mg/L	66	APHA 22 nd Edition 2320 B (Pg No. 2-35)	200	600
9.	Total Hardness as CaCO ₃	mg/L	164	APHA 22 nd Edition 2012 2340 C (Pg No. 2-46)	200	600
10.	Calcium as Ca	mg/L	65	APHA 22 nd Edition 2012 3500 Ca B (Pg No. 3-84)	75	200
11.	Magnesium as Mg	mg/L	8.9	APHA 22 nd Edition 2012 3500 B-Mg By Calculation	30	100
12.	Chloride as Cl	mg/L	20.4	APHA 22 nd Edition 2012 4500 Cl (Pg No. 4-72)	250	1000
13.	Sulphate as SO ₄	mg/L	132	APHA 22 nd Edition 2012 4500 SO42 – E (Pg No. 4-190)	200	400
14.	Nitrates as NO ₃	mg/L	8.6	APHA 23 rd Edition - 4500 NO ₃ – E (Pg No. 4-131 to 4-132)	45	NR
14.	Nitrate Nitrogen as NO ₃	mg/L	26	APHA 22 nd Edition 2012 4500 NO3 E (Pg No. 4-125 to 4-127)	45	No relaxation

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Ministry of Environment, Forest
and Climate Change

ULR-TC532322000001107F

15.	Fluoride as F	mg/L	0.70	APHA 23 rd Edition 2017 4500 F-D (Pg No. 4-90 to 4-91)	1.0	1.5
16.	Iron as Fe	mg/L	0.28	APHA 23 rd Edition - 3500 Fe-B (Pg No. 3-80 to 3-82)	0.3	NR
17.	Sodium as Na	mg/L	8.1	APHA 23 rd Edition 2017 Na 3500 B (Pg No. 3-99 to 3-100)	-	-
18.	Potassium as K	mg/L	0.82	APHA 23 rd Edition 3500 K B (Pg No. 3-89 to 3-90)	-	-
19.	BOD 3 days at 27° C	mg/L	NIL	IS:3025 (P.44) - 1993, RA-2014,	-	-
20.	COD as O2	mg/L	NIL	APHA 23 rd Edition 5220 C (Pg No. 5-18 to 5-19)	-	-
21.	Oil & Grease	mg/L	NIL	APHA 23 rd Edition 5520 B (Pg No. 5-41 to 5-42)	0.5	NR
22.	Cadmium as Cd*	mg/L	<0.001	APHA 23 rd Edition-3111 -B (Pg No. 3-20 to 3-21)	0.003	NR
23.	Copper as Cu	mg/L	<0.001	APHA-23 rd Edition 3111-B (Pg No. 3-20 to 3-21)	0.02	1.5
24.	Nickel as Ni	mg/L	<0.001	APHA-23 rd Edition-3111 -B (Pg No. 3-20 to 3-21)	0.02	NR
25.	Zinc as Zn	mg/L	<0.1	APHA-23 rd Edition-3111-B (Pg No. 3-20 to 3-21)	5	15
26.	Salinity*	PPT	NIL	APHA-23 rd Edition-3111-B (Pg No. 3-20 to 3-21)	-	-
27.	Total Phosphorous	mg/L	<0.01	APHA-23 rd Edition 4500-D (Pg No. 4-154)	-	-
28.	Total Coliforms*	MPN/ 100ml	Ab	APHA 22 nd Edition 9222 B (Pg No. 9-78)	-	-
29.	Faecal Coliforms	MPN/ 100ml	Ab	APHA 22 nd Edition 9222 D (Pg No. 9-85)	-	-
30.	Phyto Plankton*	Unit/L	Ab	APHA 23 rd Edition 10200 F (Pg No. 10-17)	-	-

Note: BDL Below Detectable Limit

Ag: Agreeable

NR: No Relaxation

RA: reaffirmed

Ab: Absent

****End of report****

J.m. Th

Analyzed By
Chemist

P.K.R

Authorized Signatory
Technical Manager



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