

***Environmental clearance***  
***(Minor mineral)***

***First Half***  
***Compliance Report***

***For the period up to***  
***(April 2020 – September 2020)***

***Quarry project of***  
***M/s PPK Granites &***  
***Crusher Products Pvt.Ltd***

***(Ref: file. No. E/2703/16/DEIAA dtd.21.04.2017 ( EC No: 4/16))***

<b><i>PROJECT LOCATION</i></b>	
<b><i>Sy.No</i></b>	<b><i>135</i></b>
<b><i>Area</i></b>	<b><i>2.4374 Ha.</i></b>
<b><i>GPS co-ordinates</i></b>	<b><i>10°56'40.75" N to 10°56'40.81"N</i></b> <b><i>76°12'30.21"E to 76°12'29.56"E</i></b>
<b><i>Village</i></b>	<b><i>Ambalappara-II</i></b>
<b><i>Taluk</i></b>	<b><i>Ottappalam</i></b>
<b><i>District</i></b>	<b><i>Palakkad</i></b>
<b><i>State</i></b>	<b><i>Kerala</i></b>

**APPLICANT**  
***Sri. George Joseph***  
***Director***  
***Poonattil (House)***  
***Ayavana P.O, Eranallur***  
***Muvattupuzha***  
***Ernakulam***  
***Kerala***

# PPK Granites & Crusher Products Pvt. Ltd

AMBALAPPARA-II VILLAGE, OTTAPALAM TALUK, PALAKKAD

[ppkgranites@gmail.com](mailto:ppkgranites@gmail.com)

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To,

The Director

Department of Environment and Climate Change  
Government of Kerala.

Sub: Environmental Clearance – Proposed quarry Project Sy. No.135 at  
Ambalappara-II Village, Ottapalam Taluk, Palakkad District, Kerala-First Half (April  
2020- September 2020) Compliance report-Reg.

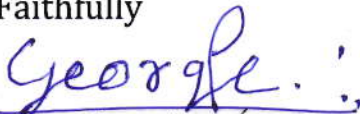
Ref: File No. E/2703/16/DEIAA dtd. 21/04/2017 (EC No: 4/16)

Respected Sir,

Our Quarry project was accorded with Environmental Clearance vide order  
E/2703/16/DEIAA dtd. 21/04/2017 (EC No: 4/16). The First Half compliance  
report to the Specific and general conditions of the Environmental clearance for the  
period of April 2020- September 2020 is enclosed.

Thanking You

Your Faithfully



Sri. George Joseph

Director

PPK Granites & Crusher Products Pvt. Ltd.

Copy to,

The Regional Director

MoEF Regional Office , southern zone, KendriyaSadan, 4th Floor,  
E&F Wing , II Block, Koramangala , Bangalore-560034.

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## **I. ABOUT THE PROPONENT**

Mr. George Joseph, Director of M/s PPK Granites & Crusher Products Pvt. Ltd in Ambalappara-II Village and Ottapalam Taluk, Palakkad District, Kerala state.

District Environment Impact Assessment Authority (DEIAA) Palakkad, Kerala, accorded Environmental Clearance No. E/2703/16/DEIAA dtd. 21-04-2017 (EC No: 4/2016) to the quarry project Building Stone Quarry of M/s PPK Granites & Crusher Products Pvt. Ltd in Ambalappara-II Village, Ottapalam Taluk, Palakkad District, Kerala managed by Mr. George Joseph.

The quarry project is controlled and managed by Mr. George Joseph, Director of M/s PPK Granites & Crusher Products Pvt. Ltd, Poonattil (House) Ayavana (P.O), Eranallur , Muvattupuzha Ernakulam district, Kerala – 686676 . Phone No: 9447350257, e-mail: [ppkgranites@gmail.com](mailto:ppkgranites@gmail.com)

## **II. ABOUT THE PROJECT**

### **Project category:**

The project comes under the Category B, Activity 1(a), (i) of Schedule of EIA Notification 2006 and subsequent amendments.

**b. Project location:**

Sy. No.135 at Ambalappara-II Village, Ottappalam Taluk, Palakkad District, Kerala State. The proposed project site falls within N 10°48'19.60"to N 10°48'26.02" E 76°24'05.34"to E 76°24'12.08".

**c. Project extent and activity:**

The project is for quarrying of 61,789 TPA of building stone from an area of 2.4374 hectares of land located as specified above.

**d. Project description:**

The proposed project activity involves about 100 % of the pit area for exploring building stone. At the end of life of mine, excavated pit will be fully reclaimed and rehabilitated by plantation. The proposed project does not involve any underground mining activities. The mining is done by open cast semi mechanized method.

# **COMPLIANCE REPORT OF SPECIFIC CONDITION (PART A)**

ITEM No.	STIPULATIONS IN EC	STATUS OF COMPLIANCE	REMARKS
S-1	Mines manager shall be appointed to control, direct, manage and supervise the quarrying operations as required under the mines Act, 1952	Well qualified and diligent Mines Manager is appointed to integrate all quarry operations.	Annexure S-1: Attached copy of mines Manager Certificate.
S-2	Health and welfare measures for the persons employed shall be implemented	Measures for the welfare and health employee's implemented	Plate S-2: Health and welfare measures
S-3	Controlled blasting should be practiced and blasting shall be done only during day time. The mitigative measures for control of ground vibrations to arrest the fly rocks and boulders should be implemented.	Controlled blasting is done only during the day time, and Mitigative measures are adopted.	
S-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 non-mineralized area by planting suitable native species in consultation with the local DFO/Agriculture Department	Scrupulously follows the direction contained	

S-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 before the onset of monsoon	Constructed large tanks to collect water from drainage for sedimentation and purification of water before discharging to natural streams.	Plate S-5: Garland drains.
S-6	Fencing must be maintained properly all around the lease area.	Barbed metal wire fencing is installed around the mining area with a height of 4 ft to prevent falling of animals/ human/ belongings/ dumping of garbage's etc.	Plate S-6: Fenced
S-7	The CSR need redrafting with inclusion of felt needs of the locality.	Corporate social responsibility activities are effectively implemented. The details are furnished in annexure No: 8.	
S-8	Appropriate sign boards should be displayed.	Appropriate sign boards are displayed,	Plate S-8: Displayed appropriate sign board
S-9	The blasting time must be displayed and	Blasting time limited to	Plate S-9: Displayed

	strictly adhered to.	twice a day and blasting time board is displayed along public road.	Blasting Time board
S-10	Dust suppression mechanism must be in place	Fixed water sprinkling system was installed along the road sides of the project area to a length of 20 m. the road system without sprinklers is periodically watered by sprinkler system installed in tipper lorry	Plate S-10:Sprinklers
S-11	A separate small plot to be maintained in the premise to preserves rare and endemic species, if any, listed in the biodiversity assessment etc.	There is no endemic and endangered species noticed in the lease area.	



# **COMPLIANCE REPORT OF GENERAL CONDITION (PART B)**

Item No	Stipulations in EC	Status of Compliance	Remarks
G-1	Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR,	Efficient Rain Water Harvesting structure adopted to accomplish reduced ground water consumption by ground in the area.	Plate G-1: Rain water harvesting pond.
G-2	Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.	An environmental cell (EMC) was formed with Mr. George Joseph as head of the monitoring cell and made functional. Meeting of monitoring cell is arranged every month and discussed the status of the compliance of the specific and general conditions contained in the environmental clearance (EC) order. The details are provided in annexure G-2	Annexure G-2: Attached copy of Details of environment Monitoring Cell
G-3	Suitable avenue trees should be planted along either side of tarred road and open parking areas, if any, inclusive of approach road and internal roads.	Avenue trees by way of natural vegetation are present along either side of the tarred road,	Plate G-3: Avenue Trees Planted Along Tarred Road

G-4	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Scrupulously follow the direction contained	
G-5	Sprinklers shall be installed and used in the project site to contain dust emissions.	Fixed water sprinkling system was installed along the road sides of the project area to a length of 25 m. the road system without sprinklers is periodically watered by sprinkler system installed in tipper lorry	Plate G-5: Sprinklers photo
G-6	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	It is assured that eco-restoration including the mine closure plan will be done at the own cost of the project proponent.	
G-7	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with and overburden and planted with indigenous plant species that are eco-	After the closure of the mine, ten percent of the excavated pit area will be retained as water storage area. It is proposed to develop a green belt in the remaining area with indigenous plant species	

	friendly. If, no other specific condition on reclamation of pit is stipulated in the E.C	after reclamation of the mined area with stacked top soil and overburden.	
G-8	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented in tune with the conditions specified in the Companies Act, 2013.	Corporate social responsibility activities are effectively implemented. The details are provided in annexure No: 8	Annexure G-8; Attached copy of some CSR receipts.
G-9	The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mining. All the boundary indicators (boards, stores, markings, etc...) shall be protected at all times and shall be conspicuous.	Barbed metal wire fencing is installed around the mining area with a height of 4 ft to prevent falling of animals/ human/ belongings/dumping of garbage's etc.	Plate G-9:Fenced with barbed wire
G-10	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per Stipulations of Explosive Department.	Warning alarms are arranged in the project area and working properly. the time of blasting in the quarry is 1 pm to 2 pm and 5 pm to 6 pm on all working days	Plate G-10: Display blasting Time board with Siren
G-11	Control measures on noise and	Mitigation measures	

	vibration prescribed by KSPCB should be implemented.	<p>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:-</p> <ul style="list-style-type: none"> <li>• Proper maintenance of machinery, equipment's and improvement of design of machines.</li> <li>• Personal protective device i.e., earmuffs, helmet, and boots etc. are provided to workers.</li> <li>• The mining activity is only during day time</li> <li>• Noise level at quarry site checked periodically. The sound levels are monitored</li> </ul>	
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		<p>through a NABL accredited laboratory during the quarry in operation and the monitored results are well within the permissible limits</p> <p>Blast vibrations and control measures:-</p> <ul style="list-style-type: none"> <li>• Controlled blasting technique is adopted in this project in order to reduce blast vibrations</li> <li>• The maximum charge per delay is not more than 10kg to limit the PPV values to 10mm/sec.</li> </ul>	
G-12	Quarrying activities should be limited to day time as per KSPCB guidelines.	Quarrying activities are limited to day time only (7am to 5pm) as per KSPCB guidelines. The signage showing the quarrying time displayed near the access	Plate G-12: Displayed Working Time board.

		road.	
G-13	Blasting should be done in a controlled manner as specified by the regulation of explosives Department or any other concerned agency.	The blasting is done in controlled manner as specified by the regulations of explosives Department.	
G-14	A licensed person should supervise /control the blasting operations.	A Licensed person is supervising the blasting operations within the quarry area.	Annexure G-14; Attached copy of mines mate 's Certificate
G-15	Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.	The access road was tarred for reducing the dust emission during the transportation.	Plate G-15; Access road to the quarry.
G-16	Overburden materials should be managed within the site and used for reclamation of mine pit as per mined closure plan/specific conditions.	The overburden materials are stored within the site	Plate G-16: Overburden is stacked
G-17	Height of benches should not exceed 5m and width should not be less than 5 m.	Quarrying activity in the mine is in the form of benches. The proposed height and width of the bench will attain shortly. The	Plate G-17: Mining bench Work on progress



		photograph showing the bench type mining is enclosed as plate No: G-17	
G-18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	Shall be compiled	
G-19	Maximum depth of mining from general ground level at site shall not exceed 10m.	The maximum depth of mining is now above ground level.	Plate G-19: Mining depth not below general ground level
G-20	No mining operations should be carried out at places having a slope greater than 45°.	No mining operation is carried out with a slope greater than 45°.	
G-21	Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.	The crusher is not located within the quarry complex. It is located at survey no. 179/1, 179/2, Ambalappara –II Village. It is at a distance of about 1.5km from the quarry site and is located in north-west direction to the existing quarry. The crusher unit is established in an isolated area	

		and it encircled by green belt.	
G-22	The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.	The workers on the site are provided with the required protective equipment such as ear muffs, helmet, etc.	Plate G-22: workers with protective equipment's.
G-23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Storm water drains are provided within the project site to channelize the storm water to the storm water collection pond.	Plate G-23: Garland drains.
G-24	The transportation of minerals should be done in covered trucks to contain dust emissions.	The transportation of minerals is done in covered trucks to contain dust emissions.	Plate G-24: Transportation of materials in covered truck.
G-25	The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.	Saplings of amla tree, guava tree, mahagony, bamboo, gooseberry and banana are planted	Plate G-25: Sapling Photos.
G-26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Not applicable	
	Explosives should be stored in	Explosives are stored in magazine	Plate G-27: Magazine

G-27	magazines in isolated place specified and approved by Explosive Dept.	located in isolated place specified and approved by the explosives department.	photo
G-28	A Minimum buffer distance of 100 m from the boundary of the quarry to the nearest dwelling unit or other structure, not being any facility for mining shall be provided.	scrupulously follows the directions contained	
G-29	100m buffer distance should be maintained from forest boundaries.	There is no forest area near the project site.	
G-30	Consent from Kerala State Pollution, Control Board under Water and Air (Acts) should have been obtained before initiating mining activity.	Consent letter is attached (Consent No: PCB/PLKD/ICO-R1/12718907/2020) Valid up to 28-03-2020 Valid upto 31-3-2022	Annexure G-30(A); Attached Copy of the pollution certificate.
G-31	All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.	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 G-31 (1), G-31 (2), and	

		G-31 (3). Details of statutory Approvals are given below.	
		1. D & O License issued from Ambalappara Grama Panchayath (License No: A5-1251/202(346) issued by 01/04/2020 valid up to 31/03/2021)	Annexure G- 31(1); attached Copy of D & O License issued from Ambalappara Grama Panchayath
		2. Explosive license issued from Petroleum and Explosive safety Organization (formerly Department of Explosives) License (No. E/SC/KL/22/1098(E 55834) Valid upto 31-03-2024	Annexure G-31(2); attached Copy of explosive license issued from the petroleum and Explosives Safety Organization.
		3. Quarrying Lease Order issued by the Directorate of Mining & geology	Annexure G -31(3): Attached copy of the Quarrying Lease order Directorate of mining & Geology.
	In the case of any change in the scope of the project, extent quantity, process of	Shall be complied.	

G-32	mining technology involved or in any way affecting the environmental parameters/ impacts as assessed, based on which only the E.C is issued. The projects would require a fresh appraisal by this authority, for which the proponent shall apply and get the approval of this Authority.		
G-33	The Authority reserves the right to add additional safeguard 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.	Shall be complied.	
	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with	Shall be complied.	

G-34	including the provisions of 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.		
G-35	The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority <a href="http://www.environmentalclearance.nic.in">www.environmentalclearance.nic.in</a> . The advertisement should be made	scrupulously follows the directions contained	Annexure G-35; Attached copy of paper cuttings

	within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.		
G-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 Environmental clearance shall also be put on the website of the company by the proponent.	Copy of EC has been forwarded to the secretary Ambalappara grama panchayth	
G-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	Scrupulously follow the direction contained	Annexure G-37: attached Result of monitored data



	the Status of compliance of the stipulated EC conditions, including results of monitored data on their website. It shall Sent to the Regional office of MoEF., Govt of India and also to the State Environment Impact Assessment Authority ( SEIAA) Office		
G-38	The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x3 ft with green back ground and yellow letters of Times New Roman font of size of not less than 40.	The details of the environmental clearance are prominently displayed with the specific conditions as per specifications mentioned in the condition. Sign board is also displayed showing lease area and boundaries at the entrance of the quarry.	Plate G-38: Displayed EC details board.
G-40	No change in mining technology and scope of working should be made without prior approval of the SEIAA, No further expansion or modification in the mine shall be carried out without prior approval of the SEIAA, as	The conditions of SEIAA/ DEIAA are strictly will followed	

	applicable.		
G-42	Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended places loading and unloading points & transfer point to reduce fugitive emissions.	Monitoring of Ambient Air Quality Result (soft copy) is attached. The documents showing the same is enclosed Annexure G-37.	Page No: 63-66
G-43	The Top soil, if any, shall temporarily to be stored at earmarked sites, only. For the topsoil shall be used for land reclamation and plantation. The over burden generated during the mining operations shall be stacked at earmarked dump site only. The maximum height of the dumps shall not exceed 8 m and width 20m 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 undertaken for	Scrupulously follow the direction contained	

	stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.		
G-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 utilizing for watering the mine area. Roads, green belt development t etc. the drains shall be regularly desilted particularly after monsoon and maintained properly.	Mineral dumps and OB are maintained at the working site, in order prevent the runoff of water and sediments into water bodies. The drains are desilted regularly.	Plate G-44: Constructed de-siltation pond
G-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	Critical areas prone to air pollution being maintained wet using sprinkling system. Ambient air quality parameters are being	

	PM10 and PM 2.5 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.	met.	
G-46	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained	Watering prescribed areas to restrict dust emission appropriately monitored and maintained.	
G-47	Measures should be taken for control of noise levels below 85 dBA in work environment.	Scrupulously follow the direction contained	
G-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 the head of the organization.	Well- Qualified personnel set-up with a Senior Executive heading a separate Environmental Management Cell established for reporting directly to the head of	

		the organization.	
G-49	The funds earmarked for environmental protection measures and CSR activate should be kept in separate account and should be reported to the state Environment Impact Assessment Authority (SEIAA) office.	Scrupulously follow the direction contained	
G-50	The Regional Office of MOEF&CC Located at Bangalore shall extend full cooperation to the officer (S) of the Regional Office by furnishing the requisite data/information /monitoring reports	All requisite data /information /monitoring reports being furnished and full cooperation being extended	
G-51	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal , if preferred ,within a period of 30 days as prescribed under section16 of the National Green Tribunal Act ,2010	There is no appeal against EC.	
G-52	Concealing the factual data or	No such corruption has occurred	

	submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of the this clearance and attract action under the provisions of Environment (protection)Act,1986	in the data till date.	
G-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 conditions in the interest of environment protection.	The conditions of SEIAA/DEIAA are strictly followed	
G-54	The above conditions shall prevail not withstanding anything to the contrary in consistent ,or simplified, contained in any other permit, license on consent given by other authority for the same project .	No situation pertaining violating terms and conditions.	

G-55	This order is valid for a period of 5 years or the expiry date of mine lease period issued by the Government of Kerala whichever is earlier.	Duration of the order on validity of lease period issued by Government of Kerala will strictly be adhered to.	
G-56	The Environmental Clearance will be subject to the final order of the courts of the in any pending litigation related to the land or project, in any court of law.	There is no fault in the land or project.	
G-57	The mining operation shall be restricted to above ground water table and it should not intersect ground water table.	Mining operation is not disrupting or intersecting with ground water table.	Plate g-57: Mining Depth not intersect GWT
G-58	All vehicles used for transportation and within the mines shall have PUC certificate from authorized pollution talking Centre. Washing of all vehicles shall be inside the lease area.	Vehicles used within mines have PUC certificate and washing of the vehicles areas alone inside the lease area.	
G-59	Project proponent should obtain necessary prior permission of the competent authorities for drawl of	Necessary permissions are and will be obtained as per the rules and regulations.	



	requisite quantity of surface water and ground water for the project.		
G-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.	The report of regular monitoring flows rates and water quality is given to the DEIAA in every six months	
G-61	Occupational health surveillance program of the workers should be under taken periodically to observe any contractions due to exposure to dust and corrective measures, if needed.	An efficient and approved surveillance program for workers being held periodically to ensure the health and safety of the workers.	

# **ANNEXURE**

Cert No. SMR-E/6228



भारत सरकार/Government of India  
खान अधिनियम, 1952/Mines Act, 1952  
खनन परीक्षा बोर्ड/Board of Mining Examinations  
द्वितीय श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र  
**SECOND CLASS MANAGER'S CERTIFICATE OF COMPETENCY**  
(केवल ओपनकास्ट खानों तक सीमित)  
(Restricted to mines having opencast workings only)  
(धात्विकीय खान विनियम, 1961 के अन्तर्गत)  
(Under the Metalliferous Mines Regulations, 1961)

श्री नाईक केदार रामदास

सुपुत्र नाईक रामदास

जिनकी जन्म तिथि 11.09.1992

है, को विहित अर्हताएं एवं अनुभव प्राप्त करने

का सन्तोषजनक प्रमाण प्रस्तुत करने पर एतद्वारा केवल ओपनकास्ट धात्विकीय खानों के प्रबंधन हेतु  
द्वितीय श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र प्रदान किया जाता है। यह प्रमाण-पत्र दिनांक 01.11.2017  
से प्रभावी है।

Shri Naik Kedar Ramdas

son of Naik Ramdas

born on 11.09.1992

having given satisfactory evidence of possessing  
the prescribed qualifications and experience is hereby granted SECOND CLASS MANAGER'S  
CERTIFICATE OF COMPETENCY to manage the metalliferous mines having opencast workings  
only. This certificate is effective from. 01.11.2017

सचिव  
खनन परीक्षा बोर्ड  
Secretary  
Board of Mining  
Examinations

सध्यक्ष  
खनन परीक्षा बोर्ड  
Chairman  
Board of Mining  
Examinations

Signed and Sealed  
Date 25.04.18

**DETAILS OF ENVIRONMENTAL MONITORING CELL**

Sl No:	Post	Name
1	Head of the monitoring cell	George Joseph
2	Head in charge (Environment)	Gopalakrishnan Nair KC
3	Senior environmental officer	Bibin Jolly
4	Environmental officer	Guruswami
5	Name of the officer environment, health and safety at site.	Kedar Ramdas Naik
7	Address of environmental laboratory	Global Lab and Consultancy Service (An ISO 17025:2005/ NABL Accredited & FSSAI Notified Laboratory )

**LIST OF PLANT'S**

Sl No	<del>Sl No</del>

**JACK FRUIT,**  
**MANGO TREE,**  
**NEEM,**  
**BANANA,**  
**BAMBOO,**  
**RAMBUTTAN,**  
**Amla tree**  
**Cashew tree**  
**almond tree**  
**Guava tree**



## Photos of Plants











#### 4. ENVIRONMENTAL PROTECTION

saplings planted in the site in association with environmental monitoring cell (Including plant guard and maintenance)

Details of the plants/saplings purchased for plantation

Sl.No	Name of the Plant	Number	Amount (in RS)
1	Guava tree	5 x 150	750
2	Jack Fruit	5 x 150	750
3	Mahagony	30 x 60	1,800
4	Mango tree Sapling	5 x 150	750
5	gooseberry	5 x 150	750
6	Chikkoo	5 x 100	500
7	Rose apple ( Chambakka)	5 x 150	750
8	Anar (mathalam)	5 x 150	750
9	sarvasugadhi	5 x 100	500
10	gramboo	5 x 100	500
<b>TOTAL</b>			<b>7,800</b>



**CSR DETAILS**

BOREWELL CONSTRUCTED TO NEAR BY HOUSES AS PER CSR SCHEME



# JALAPRIYA BOREWELL

## OTTAPALAM

Mob: 9495173141, Resi : 0466 2245342

4.5", 4.75", 6.5" BOREWELL DRILLING CONTRACTOR

Ref: 2020/01

Date: 26/12/2020

PPK GRANITES & CRUSHER PRODUCTS PVT LTD  
Chunangad (PO), Ottappalam, Palakkad.

GSTIN : 32AAGCP9973Q1ZH

$$350 \text{ Feet} \times 65 = 22750$$

$$\text{Pose Items } 250 \text{ Feet} \times 40 = \underline{11300}$$

$$\underline{\underline{34050}}$$



# PPK

**Granite and Crusher Products Private Limited.**

**CIN : U 14100KL2010PTC026727**

ഒറ്റപ്പാലം താലൂക്ക് അമ്പലപ്പാറ 2 വില്ലേജ് സർവ്വേ നമ്പർ 135-ൽ കരിങ്കൽ ക്വാറി നടത്തുന്ന ശ്രീ. ജോർജ്ജ് ജോസഫ് വടക്കേ പുനാട്ട് മുവാറ്റുപുഴ എന്ന വ്യക്തിയുടെ പക്കൽ നിന്നും 2020-21 സാമ്പത്തിക വർഷത്തെ സി.എസ്.ആർ പദ്ധതി പ്രകാരം കുടിവെള്ള പദ്ധതിയ്ക്കായി 34050/- രൂപയും വീടുകളുടെ റിപ്പയർ& മെയിന്റനൻസിനായി 88,800/- രൂപയുടെ മെറ്റീരിയൽസും സംഭാവനയായി കിട്ടിയിരിക്കുന്നു.

കുഞ്ഞുട്ടൻ

പുത്തൻപുരയ്ക്കൽ

ചുനങ്ങാട്, ഒറ്റപ്പാലം

ഗോപി

പുത്തൻപുരയ്ക്കൽ

ചുനങ്ങാട്, ഒറ്റപ്പാലം

ഉണ്ണികൃഷ്ണൻ

പുത്തൻപുരയ്ക്കൽ

ചുനങ്ങാട് , ഒറ്റപ്പാലം

ഭാസ്കരൻ

പുത്തൻപുരയ്ക്കൽ

ചുനങ്ങാട്, ഒറ്റപ്പാലം

സരോജിനി

മിത്രക്കോട്ടിൽ

ചുനങ്ങാട് , ഒറ്റപ്പാലം

ജലീൽ

മങ്ങാട്ട് വളപ്പിൽ

ചുനങ്ങാട്, ഒറ്റപ്പാലം







मिन अक्ट, 1952  
THE MINES ACT, 1952

खनन में नपुंसकता प्रमाणपत्र  
MINING MATE'S CERTIFICATE OF COMPETENCY

(धातवीय खान विनियम, 1961 के अन्तर्गत)  
(Under Metalliferous Mines Regulations, 1961)

(संयुक्त खनन कार्य के लिए अयोग्यता न होना चाहिए)  
(Restricted to metalliferous mines having open-cast workings only)

नाम (निम्न में से एक)  
पिता  
राज्य  
ने अपनी आयु, स्वास्थ्य, सदाचार, साक्षरता और अनुभव का

सर्वोत्तम प्रमाण दे दिया है और यह प्रमाण है कि वह खनन में नपुंसकता प्रमाणपत्र प्राप्त कर सका है। इस धातवीय खान विनियम, 1961 के अन्तर्गत उन धातवीय खानों के लिये जिनमें केवल खुल खननस्थलों तक कार्य किया जाता है खनन में नपुंसकता प्रमाणपत्र दिया जाता है।

Sr. S. GURUSAMY,  
of Village CHEMICAL'S COLONY, AKKAMAPET, Thana SANKARI,  
District SALEM, State TAMILNADU,  
born on 10th APRIL 1958, Son of SOMASUNDARAM,  
Having given satisfactory evidence of his age, medical fitness, good conduct, literacy and experience and having passed an examination held at SALEM, on 17.5.1989,  
is hereby granted a MINING MATE'S CERTIFICATE under the Metalliferous Mines Regulations, 1961, restricted to metalliferous mines having open-cast workings only.

सि. स.  
खनन परीक्षा बोर्ड  
Secretary,  
Board of Mining Examinations.

अध्यक्ष,  
खनन परीक्षा बोर्ड  
Chairman,  
Board of Mining Examinations.

दिनांक/Date 21-12-1988  
Certified that he was medically  
examined on 02-03-2018  
and found to be fit to carry out the  
prescribed duties upto 01-03-2019

Director of Mines Safety, Chennai Region.



For The Metallurgical and  
Industrial Corporation

21-07-2013 (21-07-2013)

सर्वोत्तम प्रमाण दे दिया है कि वह खनन में नपुंसकता प्रमाणपत्र प्राप्त कर सका है। इस धातवीय खान विनियम, 1961 के अन्तर्गत उन धातवीय खानों के लिये जिनमें केवल खुल खननस्थलों तक कार्य किया जाता है खनन में नपुंसकता प्रमाणपत्र दिया जाता है।  
Having given satisfactory evidence of his age, medical fitness, good conduct, literacy and experience and having passed an examination held at SALEM, on 17.5.1989, is hereby granted a MINING MATE'S CERTIFICATE under the Metalliferous Mines Regulations, 1961, restricted to metalliferous mines having open-cast workings only.

2 On 01/4/99  
4 On  
6 On  
Date 01/4/99  
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## KERALA STATE POLLUTION CONTROL BOARD

FILE NO.: PCB/PLKD/ICO/R17PAL4959489/2020

Date of issue :28/03/2020

### INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : PCB/PLKD/ICO/R1/12718907/2020

Ref : (i) Consent No:PCB/PLKD/ICO/F/216/2017 dated 26/04/2017 valid up to 31/03/2020 As per File no:PCB/PLKD/IC-2194959563/2017

(ii) Consent Variation Order number PCB/PLKD/ICO/F/12530512/2020 dated 3-2-2020 in File no. PCB/PLKD/ICO/R17PAL4959489/2020

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 31/03/2022 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	Annual Fee	22000/-
2	Validity	31/03/2022
3	Capital Investment	85.00 Rs in Lakhs
4	Category	Red
5	Renewal Date	31/01/2022
6	Fee remitted	85116/- (24199/- is excess, to be adjusted in next application)

#### 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. Quarrying shall be done in the area as per the Approved site location plan modified and attached

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

DATE :28/03/2020

KRISHNAN M N

Digitally signed by KRISHNAN M N  
Date: 2020.03.28 12:21:23 +05'30'

SIGNATURE & SEAL OF ISSUING AUTHORITY  
ENVIRONMENTAL ENGINEER



To

GEORGE JOSEPH S/o. JOSEPH POONATTIL HOUSE AYAVANA POST, ENANALLUR,  
MOOVATTUPUZHA, ERNAKULAM  
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](http://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.





## KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/PLKD/ICO/R17PAL4959489/2020

Date of issue :2020-02-03

### CONSENT VARIATION ORDER

Consent No : PCB/PLKD/ICO/F/12530512/2020

Ref : Consent no :PCB/PLKD/ICO/F/216/2017 dated 26/04/2017 valid up to 31/03/2020 As per File no:PCB/PLKD/ICO-219/4959563/2017

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 modified & 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 consent variation order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

#### I. GENERAL

S.No.	Items	Description
-------	-------	-------------

#### II. CONDITIONS

Condition 5.5 is modified as follows.

5.5 It is the responsibility of occupier to ensure that quarrying activities are restricted to the area shown in the attached draawing only and is at a distance equal to or more than 50 m from the nearby residences, places of worship, public buildings, river or lake, railway line, bridges and public roads having vehicular traffic.

Condition no. 5.7 is deleted

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

**KRISHNAN M N** Digitally signed by KRISHNAN M N  
Date: 2020.02.03 13:55:49 +05'30'

DATE :03/02/2020

SIGNATURE & SEAL OF ISSUING AUTHORITY

ENVIRONMENTAL ENGINEER



**To**

**GEORGE JOSEPH S/o. JOSEPH POONATTIL HOUSE AYAVANA POST, ENANALLUR,  
MOOVATTUPUZHA, ERNAKULAM**

- 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](http://krocmms.nic.in) and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent Management and Monitoring System.



ലൈസൻസ് നം. A5. 1251/2020 (346)



തീയതി... 23/06/2020

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>Dr. ബേക്കർജേസൾ ഡയറക്ടർ പി. പി. ജെ. ഗ്രാമപഞ്ചായത്ത് പ്രസിഡൻ്റ് ഐ. പി. മനോജ്</p>	
സ്ഥാപനത്തിൻ്റെ പേരും സ്ഥലനാമവും	<p>P.P.J. ഗ്രാമപഞ്ചായത്ത് പ്രസിഡൻ്റ് - ഐ. പി. മനോജ്.</p>	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	<p>മീൻ (മീൻജീവനം) നൽകൽ</p>	
കെട്ടിടത്തിൻ്റെ നമ്പരും, വാർഡ് നമ്പരും	<p>അമ്പലപ്പാറ ഗ്രാമപഞ്ചായത്ത് - നമ്പർ 135 Area - 2.4374 Hectares</p>	
ലൈസൻസ് കാലയളവ്	<p>01/04/2020 മുതൽ 31/03/2021 വരെ</p>	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	L.F. 15000/-	രസീത് നമ്പർ
	P.T. 2500/- രൂപ	12008010148 23/06/2020
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരീക്ഷണ പത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി കാലയളവ്, നൽകിയ അധികാരസ്ഥാപനം)	<p>1. Environment Clearance Certificate 2. Mining &amp; Geology Certificate 3. Pollution Certificate - 31/03/2022 4. Explosive Certificate - 31/3/2024 5. Gasless License - 21/5/2023 6. നാരിട്ടേഷൻ പാട്ടിക്കിട്ട അനുമതി - ചാതുരക്കുഴൽ, മൂപ്പാങ്ങൻ തടവുകൾ മീൻജീവനം പദ്ധതികൾ.</p>	



ഓഫീസ് മുദ്ര

സെക്രട്ടറി  
അമ്പലപ്പാറ ഗ്രാമപഞ്ചായത്ത്  
അമ്പലപ്പാറ ഗ്രാമപഞ്ചായത്ത്

NB : ഈ ലൈസൻസ് അവസാനിക്കുന്ന തീയതിക്ക് 30 ദിവസം മുമ്പ് ലൈസൻസ് പുതുക്കുന്നതിനുള്ള അപേക്ഷ സമർപ്പിക്കേണ്ടതാണ് . R.D.O ദുരിഹൽ തലവൻ തലമുക്കു പരാതികൾ

അമ്പലപ്പാറ ഗ്രാമപഞ്ചായത്ത് അധ്യക്ഷൻ്റെ അനുമതി.



**ലൈസൻസി തയ്യാറാക്കുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു.**

- [illegible]

NB : ഈ ലൈസൻസ് അവസാനിക്കുന്ന **മിറ്റിക് 99 റിഡയം മിസ് ലൈസൻസ്** പുതുക്കുന്നതിനുള്ള അപേക്ഷ സമർപ്പിക്കേണ്ടതാണ്.



# ANNEXURE G-31(2)



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.कक्कानाड कोच्ची | CSEZ PO Kakkanad Dist. Ernakulam Ernakulam 682037

फोन (Phone):- 2427286 | फैक्स (Fax):- 2427276

ई-मेल Email: dycceernakulam@explosives.gov.in

संख्या (No.): E/SC/KL/22/1098(E55834)

दिनांक (Date): 21/01/2019

सेवा में | To,

Shri. GEORGE JOSEPH,

Director, PPK Granites & Crusher Products(P)Ltd, Poonattil House, Ayavana P.O,

Enanallur, Moovattupuzha, Town/Village - Enanallur

District-ERNAKULAM, State-Kerala, Pincode - 686676

विषय : Survey No.26/2, ग्राम Ambalappar-2, Ottapalam taluk, जिला PALAKKAD, राज्य Kerala में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/1098(E55834) के नवीनीकरण संदर्भ में।

Subject: Possession for Use of of Explosives from magazine situated at Survey No.:26/2, Ambalappar-2, Ottapalam taluk, Dist. PALAKKAD, Kerala -Licence No.: E/SC/KL/22/1098(E55834) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या Nil दिनांक 10/09/2018 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक 31/3/2024 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।

Reference to your letter No.: Nil dated: 10/09/2018, the subject licence duly renewed upto 31/3/2024 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/2024 से पहले इस कार्यालय को भेजे जाएं।

For further renewal of licence, please submit the following documents so as to reach this office on or before 31/3/2024.

- प्ररूप आरई-1 में विधिवत पूरा एवं हस्ताक्षरित आवेदन।  
Application in Form RE-1 duly filled in and signed.
- एक से पाँच वर्ष के अनुज्ञप्ति शुल्क का बैंक ड्राफ्ट। बैंक ड्राफ्ट किसी भी राष्ट्रीयकृत बैंक के नाम आहरित, संयुक्त मुख्य विस्फोटक नियंत्रक, चेन्नई के पक्ष में चेन्नई में देय हों।  
Licence fees for one to five years in the form of demand draft drawn on any Nationalized Bank in favour of Jt. Chief Controller of Explosives, Chennai payable at Chennai.
- अनुमोदित प्लान के साथ मूल अनुज्ञप्ति।  
\* Original licence with approved plan.
- कृपया इस संबंध में विस्फोटक नियम, 2008 के नियम 112 का भी संदर्भ ग्रहण करें।  
In this connection, please also refer to Rule 112 of Explosives Rules, 2008.
- विस्फोटकों के क्रय हेतु आरई-11 में मांगपत्र (इंडेंट) आपूर्तिकर्ता को दिया जाए और उसी की एक प्रति इस कार्यालय को भेजी जाएं (आतिशबाजी गोदाम के लिए लागू नहीं)।  
Indent for purchase of explosives shall be placed in RE-11 with the supplier and copy of the same shall be sent to this office. (Not applicable for fireworks store house)
- कृपया विस्फोटकों की त्रैमासीक विवरणी हर तिमाही के अंत में आरई-7 में प्रस्तुत की जाएं।



विवरणी इस कार्यालय के कार्यालय में आगामी तिमाही के 10 तारीख से पहले पहुंच जानी चाहिए (आतिशबाजी गोदाम के लिए लागू नहीं) । Please submit quarterly returns of explosives in RE-7 at the end of every quarter so as to reach this office by 10th of the succeeding quarter. (Not applicable for fireworks store house)

- सभी ब्लास्टिंग आपरेशन एक सक्षम द्वारा की जाएगी जो उपरोक्त नियमों के तहत एक वैध शॉट फायर प्रमाणपत्र धारक हो। हालांकि, खान अधिनियम 1952 के अधीन आने वाले खानों में ब्लास्टिंग आपरेशन करने वाले ब्लास्टर की योग्यता उसी अधिनियम से निर्धारित हो।  
All blasting operations shall be carried out by a competent person holding a valid shot firer's permit granted under above rules. However, blasting operations in mines coming under the purview of the Mines Act 1952, the blaster shall have qualifications prescribed in the regulations framed under the said Act.

आपके खाते में रुपए 1200/- की राशि शेष हैं जो इस संदर्भ को उद्धृत करते हुए भविष्य के संव्यवहार में समायोजित की जा सकती है।  
An amount of Rs. 1200/- balance is in your credit, which may be utilized for future transaction by quoting this reference.

भवदीय | Your's faithfully

(आर.वेणुगोपाल | Dr. R. Venugopal)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची | Ernakulam  
Deputy Chief Controller of Explosives  
एरणाकुलम Ernakulam

प्रतिलिपि प्रेषित | Copy Forwarded to:

- ज़िला मजिस्ट्रेट (District Magistrate), PALAKKAD (Kerala)- सूचना के लिए (for information.)

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>)



### अनुज्ञप्ति प्ररूप एल. ई.-3 | LICENCE FORM LE-3

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

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

(ग) उपयोग के लिए एक समय पर वर्ग 1,2,3,4,5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक रखने के लिए 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. GEORGE JOSEPH (अधिभोगी / Occupier : Shri George Joseph, Director), Director, PPK Granites & Crusher Products(P)Ltd, Poonattil House, Ayavana P.O, Enanallur, Moovattupuzha, Town/Village - Enanallur, District-ERNAKULAM, State-Kerala, Pincode - 686676

को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : Individual

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमान्य है।

possess for use of Nitrate Mixture, Safety Fuse, Electric Detonators, Ordinary Detonator, के उपयोग के लिए

Licence is valid only for the following purpose.

4. अनुज्ञप्ति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमान्य 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)] :

10 times  
as above.

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

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

रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1098  
(E55834)  
दिनांक (Dated) 01/10/2010

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

Survey No. 26/2, ग्राम (Town/Village) : Ambalappar-2, Ottapalam तालुका (Police Station) : OTTAPALAM  
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 शर्तें और अतिरिक्त शर्तें।  
Conditions and Additional Conditions of this licence signed by the licensing authority.
3. दूरी प्ररूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञप्ति तारीख 31 मार्च 2015 तक विधिमान्य 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 अधिक्रमण करने या यदि अनुज्ञप्त परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहत की जा सकती है, जहां वह लागू हो।

This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

Sd/-

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

**Transfers :**

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

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	Dy. Chief Controller of Explosives, Ernakulam उप मुख्य विस्फोटक नियंत्रक Deputy Chief Controller of Explosives एरणाकुलम Ernakulam

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

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



(सेट VIII | Set VIII)

मैगजीन में वर्ग 1,2,3,4,5,6, और 7 के विस्फोटकों को बिक्री या प्रयोग हेतु रखने के लिए प्ररूप एन.ई. 3 [अनुच्छेद 3 (ख) से (ग)] में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक द्वारा प्रदान किए जाने वाले अनुज्ञप्ति सं. E/SC/KL/22/1098 (E55834) की शर्तें निम्नलिखित हैं।

The following are the conditions of licence number E/SC/KL/22/1098(E55834) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c) ) granted by Chief controller of Explosives or Controller of Explosives.

1. परिसर में किसी भी समय विस्फोटकों की मात्रा अनुज्ञापन योग्य सामर्थ्य से अधिक नहीं होगी।  
The quantity of explosives on the premises at any one time shall not exceed the licensable capacity.
2. विस्फोटकों के भंडारण के लिए प्रयुक्त होने वाली मैगजीन अनुसूची III और अनुज्ञप्ति के उपाबंध में विनिर्दिष्ट सुरक्षा दूरी बनाए रखना होगा।  
The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to the licence.
3. मैगजीन का प्रयोग उन सभी विस्फोटकों के, जो इस अनुज्ञप्ति में विनिर्दिष्ट हैं, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं।  
The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
4. पैकजों को खोलने का कार्य और विस्फोटकों को तौलने तथा पैक करने का कार्य मैगजीन में नहीं किया जाएगा।  
The opening of packages and the weighing and packing of explosives shall not be carried on in the magazine.
5. दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर पृथक कर दिया जाए कि किसी वजह से विस्फोटक में लगने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटक तक न पहुंच सके : परंतु -  
(घ) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पलीते और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेरक पलीते, जिनमें कोई खुला तोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थायन के रखे जा सकते हैं।  
(ङ) वर्ग 6 प्रभाग 3 के अंतर्गत आनेवाले विस्फोटक प्रेरक अलग रखे जाएंगे।  
(च) वर्ग 1 के अंतर्गत आने वाले बारूद को अलग रखा जाएगा।  
Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other; Provided that—  
(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space;  
(e) Detonators belonging to Class 6 Division 3 shall be kept separately.  
(f) Gun powder belonging to Class 1 shall be kept separately.
6. वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुज्ञापन प्राधिकारी की विशेष मंजूरी के मैगजीन में नहीं रखा जाएगा।  
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.
7. वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी दे दी हो।  
(i) जब ऐसी मंजूरी दे दी गई हो तो प्रत्येक निरीक्षण पर किसी विस्फोटक नियंत्रक से ऐसा लिखित प्रमाणपत्र अभिप्राप्त कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आनेवाली अवधि दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुज्ञप्तिधारी अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा।  
(ii) जब कोई विस्फोटक मानक शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो ग्लिसरीन या द्रव नाइट्रो योगिक के निकल जाने के चिन्ह प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञप्तिधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करें।  
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.  
(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.  
(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.



8. मैगजीन के भीतरी भाग या उसमें लगी बेंचों, शेल्फों और उसकी फिटिंग का इस प्रकार सन्निर्माण किया जाएगा कि उन्हें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोका जा सके। भीतरी भाग में लगी बेंचें, शेल्फें और फिटिंग यथासाध्य गिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सम्यक सावधानी बरती जाएगी कि वहां कोई जल मौजूद न रहे : परंतु किसी लोहे या इस्पात के खुले होने के विरुद्ध सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बाध्यकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से भिन्न कोई विस्फोटक रखा गया है।
- The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from; Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.
9. यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञापितधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञापितधारी द्वारा पश्चात्वर्ती प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तडित चालक को समाधानप्रद घोषित नहीं कर देता : परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के किए गए सभी परीक्षणों के लिए प्रभार्य होगा : परंतु यह और कि यदि दो या अधिक तडित चालक एक ही मैगजीन से संबद्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तडित चालक के परीक्षण के लिए हर स्थिति में विहित की गई है।
- If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the even of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory: Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day :
- Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.
10. उपयुक्त तथा जेब रहित कार्यकरण वस्त्रों, उपयुक्त जूतों के प्रयोग द्वारा तथा तलाशी लेकर या अन्यथा अथवा ऐसे किन्हीं साधनों द्वारा इस बाबत सम्यक उपबंध किया जाएगा कि फैक्ट्री परिसर में अग्नि, दियासलाई अथवा ऐसी कोई वस्तुएं या पदार्थ, जिससे विस्फोट हो सकता है या आग लग सकती हो, किन्तु इस शर्त के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम बत्ती का प्रवेश वर्जित नहीं है जिससे आग लगने या विस्फोट होने का खतरा न हो : परंतु इस शर्त का वह भाग, जो लोहे या इस्पात के अपवर्जन को लागू होता है, ऐसे किसी भवन के संबंध में बाध्य कर नहीं होगा जिससे भिन्न कोई विस्फोटक नहीं रखा गया है।
- Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching or otherwise or by such means, for preventing the introduction into danger area of the factory premises of fire, Lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or explosion: Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.
11. अनुज्ञापितधारी प्ररूप आर.ई.-3 और आर.ई.-4 या आर.ई.-5, जैसी स्थिति हो, में सभी विस्फोटकों का अभिलेख और लेखा रखेगा और विस्फोटक नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर स्टॉक पुस्तक और अभिलेख प्रस्तुत करेगा। स्टॉक पुस्तक विहित प्रोफार्मा में पृष्ठ संख्यांकित होगी।
- The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforma shall be page numbered.
12. परिसरों में कोई परिवर्तन या तबदीली अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुज्ञापितधारी ऐसी किसी शर्त का अनुपालन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्दिष्ट करें।
- No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.
13. मैगजीन सभी समयों पर अच्छी मरम्मत की स्थिति में बनाई रखी जाएगी (या अच्छी हालत में बनाई रखी जाएगी)। यदि किसी कारणवश किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुज्ञापितधारी इस बात की सूचना अनुज्ञापन प्राधिकारी को तुरंत देगा।
- Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason



whatsoever.

- मैगजीन का अनुज्ञप्तिधारी इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा।  
The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.
14. यदि सुरक्षा दूरी का कोई अधिक्रमण होता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को आवश्यक सलाह और कार्यवाही के लिए तुरंत दी जाएगी।  
Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.
15. यदि कोई विस्फोटक विनष्ट हुआ अथवा अनुपयोगी जाया जाता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को, सलाह प्राप्त करने के लिए, तुरंत दी जाएगी।  
The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.
16. विस्फोटकों के पैकेटों के चट्टे इस प्रकार लगाए जाएंगे कि कम से कम एक व्यक्ति भण्डार किए गए सभी पैकजों की हालत की जांच करने और प्रत्येक पैकेज की विनिर्माण विशिष्टियों को पढ़ने के लिए उनके बीच से होकर आ जा सके।  
The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.  
तडित चालकों की भूमि के लिए प्रतिरोध यथासंभव न्यूनतम होगा और किसी भी दशा में 10 ओहम से अधिक नहीं होगा।  
The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.
17. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुल्क घास या झाड़ी या ज्वलनशील सामग्री नहीं रहने दी जाएगी।  
A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.
18. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी।  
Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.
19. किसी मैगजीन / भंडारगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा।  
Not more than 4 persons shall be allowed inside the magazine or store house at any one time.
20. विस्फोटकों के खाली पैकजों को शीघ्रतिशीघ्र वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा।  
Empty packages of the explosives shall be removed at the earliest and destroyed.
21. अनुज्ञप्तिधारी और कर्मचारीयों को परिसर के भीतर आपातकाल के दौरान की जाने वाली प्रक्रियाओं से अवगत होना चाहिए।  
The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.
22. निरीक्षण या नमूना अधिकारी को सभी युक्तियुक्त समयों पर अनुज्ञत परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबंधों और सुरक्षा स्थितियों को सम्यक्तः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी।  
Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.
23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञप्तिधारक को अनुज्ञात परिसरों या मशीनरी, टूल या उपकरण में ऐसी कोई मरम्मत या परिवर्धन या परिवर्तन करने या सिफारिशों को लागू करने को लिखित रूप में सूचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञप्तिधारक सिफारिशों को निष्पादित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा।  
If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the license shall execute the recommendations and report compliance within the period specified by such authority.
24. अनुज्ञप्तिधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञत फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पत्तीते खरीदेगा।  
The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.
25. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले आतिशबाजियों पटाखों की बिक्री और रखने के लिए -  
(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डी.बी.(ए1) या 145 डी.बी.(सी)पी.के. प्रतिबंधित होंगे;  
(ख) शृंखला (जुड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 लॉग.10(एन) डी.बी. (सी) पी.के. प्रतिबंधित होंगे;  
The possession and sale of fire-crackers generating noise level exceeding;  
a) 125 dB(AI) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;  
b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log10 (N) dB, where N = number of crackers joined together.



No.12128/M3/2015

Directorate of Mining & Geology  
Kesavadasapuram, Pattom P.O.  
Thiruvananthapuram-4  
Tel: 0471-2447429  
Fax: 0471-2447429

E.mail: [director.dir.dmg@kerala.gov.in](mailto:director.dir.dmg@kerala.gov.in)Web: [www.dmg.kerala.gov.in](http://www.dmg.kerala.gov.in)

Dated: 02/08/2017

From  
The Director of Mining & Geology

To  
✓ M/s. P. P. K. Granites and Crusher Products (Pvt.) Ltd., Chunangadu. P. O,  
Ottappalam, Palakkad District – 679 511 (Represented by its Director,  
Shri. George Joseph)

Sir,

Sub: Mining & Geology - Mines and Minerals - Minor Minerals- Granite Building Stone -  
Preparation and execution of quarrying lease deed – reg.

Ref: 1. Pro.Order No. 275/2017-18/12128/M3/2015/DMG Dated: 02/08/2017  
2. KMMC Rules 2015  
3 Pro.order. No. E/2703/16/DEIAA dtd. 21/04/2017 of District Environmental  
Impact Assessment Authority, Palakkad, Kerala

Please refer to the Proceedings Order cited above wherein a lease for Granite (Building Stone) is granted to M/s. P. P. K. Granites and Crusher Products (Pvt.) Ltd., Chunangadu. P. O, Ottappalam, Palakkad District – 679 511 (Represented by its Director, Shri. George Joseph) . I request you to prepare three copies of the quarrying lease deed, original on plain paper and two copies of the same in stamped paper worth Rs. 500/- and produce the same before the **Geologist, District Office, Palakkad** for scrutiny and execution . The date of execution will be entered up by the Geologist at the time of execution. After scrutiny of the quarrying lease deed, the Geologist will inform you the date of execution convenient to him. After execution as per the request of the Geologist stamp duty may be fixed by any District Registrars of the state and he will receive the stamp duty and a certificate of remittance of stamp duty will be entered in the lease deed. A chalan for Rs 24,374/- (**Rupees twenty four thousand three hundred and seventy four only**) being the security deposit is enclosed herewith duly countersigned. Please affix your signature at the appropriate places before remittance of money in the treasury. The original treasury receipted chalan may also be produced along with the typed copies of the lease deed and the draft form 'H' which is enclosed herewith, before the Geologist, District Office, **Palakkad** at the time of execution.

Please note that the quarrying lease deed has to be executed within a period of six months from the date on which quarrying lease has been granted and got registered in accordance with the Registration Act, 1908 vide Rules 44 of the Kerala Minor Mineral Concession Rules, 2015. Form 'D' is also enclosed herewith for strict compliance and to report thereof.

Yours faithfully

*[Signature]*  
02/08/2017

Encl: as above

DIRECTOR OF MINING &amp; GEOLOGY (I/c)





Copy to -

The Geologist, District Office, Palakkad  
(Letter No.DOP/1152/2015/A1 dtd. 02/12/2015)

You are instructed to execute the lease deed as and when it is received. The original survey map is enclosed herewith. **YOUR SEAL AND SIGNATURE SHOULD BE AFFIXED ON THE SURVEY MAP.** Please acknowledge. A copy of the lease deed may be forwarded to this office soon after registration. Ensure that the area under this grant is demarcated and boundary stones fixed before execution of the lease deed.

You are also instructed to obtain and forward the Form D to this office. No movement permits shall be issued before the service of Form 'D' notice, which is a statutory requirement.

You are further instructed to forward photocopies of the registered lease deed to the Director of Mines Safety, Bangaluru Region & District Collector. Also ensure that the lessee has erected notice board and made proper fencing before the execution of lease deed as stipulated in the rules.





## PROCEEDINGS OF THE DIRECTOR OF MINING & GEOLOGY

**Sub:** Mining & Geology - Mines & Minerals - Minor Minerals – Granite Building Stone – Quarrying Lease to M/s. P. P. K. Granites and Crusher Products (Pvt.) Ltd., Chunangadu. P. O, Ottappalam, Palakkad District – 679 511 (Represented by its Director, Shri. George Joseph) – sanctioned– orders – issued.

- Ref:**
1. Application dtd. 13/05/2015 from M/s. P. P. K. Granites and Crusher Products (Pvt.) Ltd., Chunangadu. P. O, Ottappalam, Palakkad District – 679 511 (Represented by its Director, George Joseph)
  2. Letter No.DOP/1152/2015/A1 dtd. 02/12/2015 from the Geologist, District Office, Palakkad
  3. Pro.order. No. E/2703/16/DEIAA dtd. 21/04/2017 of District Environmental Impact Assessment Authority, Palakkad, Kerala
  4. Kerala Minor Mineral Concession Rules, 2015.

No. 275/2017-18/12128/M3/2015/DMG

Dated, Thiruvananthapuram 02/08/2017

### ORDER

A quarrying lease is granted to **M/s. P. P. K. Granites and Crusher Products (Pvt.) Ltd., Chunangadu. P. O, Ottappalam, Palakkad District – 679 511 (Represented by its Director, Shri. George Joseph)** to quarry **Granite (Building Stone)** over an area of **2.4374 Hectares** of land comprised in **Re-Survey No. 135/pt of Ambalappara – II Village, Ottappalam Taluk, Palakkad District** for **12 (Twelve)** years from the date of execution of the quarrying lease deed under the Kerala Minor Mineral Concession Rules, 2015 and as per the survey map issued by the **Tahsildar, Ottappalam** and the approved Mining Plan and environmental clearance submitted by the applicant subject to the under mentioned conditions.

1. Royalty is payable to Government as per Rule 32 of the Kerala Minor Mineral Concession Rules, 2015 in respect of minor mineral quarried and moved out of the quarry subject to revision from time to time on the basis of amendments to the schedule I of the said Rules.
2. Dead rent is realizable under 40(1)(d) of the said rules subject to revision from time to time on the basis of amendments to the schedule II of the said rules.
3. Surface rent realizable under 40(1)(e) of the said rules will be equal to the land revenue assessed by the Revenue Department subject to revision from time to time on the basis of the land revenue.
4. The lessee shall execute a quarrying lease deed within a period of six months from the date of this order in form 'H' as per Rule 43 of the Kerala Minor Mineral Concession Rules, 2015.
5. The lessee shall also deposit an amount of Rs 10,000/- (Rupees Ten Thousand only) per hectare as security deposit for the observance of the terms and conditions of the lease before the deed is executed as per rule 42 of the said rules. The lessee shall commence quarrying operation only after the deed is executed and registered.
6. The quarrying area shall be demarcated and boundary stones fixed at the lessee's expenses before execution of the quarrying lease deed.
7. The lessee shall not win and dispose of any type of dimension and decorative stones from the area over which the quarrying lease has been sanctioned on the strength of this order.
8. The production of Granite (Building Stone) from the area covered under this grant shall be subject to the quantity specified in the Mining Plan submitted by the lessee and the same is restricted to **71, 000 Metric Tonnes** per year.
9. (i) The lessee shall erect a notice board in Malayalam at a prominent place with a minimum size of 1 metre X 1.5 metres in a metallic board near to the entrance of the quarry to the effect that it shall contain the name and address of the permit holder, mineral concession number and date, the mineral to be extracted, permit number and date and its date of expiry, quantity of extraction permitted (if applicable). Area of extraction permitted, explosives used (if any), etc.



- (ii) The lessee shall erect a warning board with danger sign regarding operation of the quarry, 100 metres away by the side of the road leading to it.
10. The lessee shall fence the lease area before the commencement of the quarrying operation for preventing accidents by falling of human beings, animals, vehicles or any materials into the quarry. The lessee should take effective preventive measures for the safety of labourers as well as the general public.
  11. The lessee shall leave a distance of 7.5m from the boundaries of adjacent properties including government puramboke land while carrying out quarrying operations.
  12. The lessee shall not assign, sublet or transfer his lease or any right or interest therein to any person without previous permission of the Director of Mining & Geology.
  13. The lessee shall pay tax related to Revenue Department, if any, as directed by them and the details should be furnished to the Geologist periodically.
  14. The lessee shall operate the quarry in accordance with the condition stipulated in the environmental clearance and mining plan submitted by them.
  15. The lessee shall obtain all other statutory licences/clearances/No Objection Certificates from other authorities concerned including Explosive licence, consent from Pollution Control Board and D & O licence from the Local Self Government Department concerned.
  16. The lessee shall produce scheme of mining before completion of five years of operation of the quarry.
  17. The lessee shall produce a financial guarantee for Rs. 1,00,000/- (Rupees one lakh only) as stipulated in rule 62 of KMMC Rules 2015, before execution of lease deed.
  18. The lessee shall pay 10% of the amount of royalty/consolidated royalty as the case may be paid by them, being the quarry safety fund in addition to the royalty/consolidated royalty, as per rule 63 of KMMC rules, 2015.
  19. The lessee shall carryout mining operations as per the approved mining plan.
  20. The lessee shall renew Environmental Clearance on or before 20/04/2022 for the operation of the quarry for the remaining period.
  21. The quarrying permit granted from the district office, if any, in the area of this quarrying lease is hereby stands cancelled from the date of this order.

The terms and conditions stated in this order will be subject to such further modifications as may be made by the State Government from time to time.

Sd/-

**T.K. Ramakrishnan**  
**DIRECTOR OF MINING & GEOLOGY (I/C)**

To

M/s. P. P. K. Granites and Crusher Products (Pvt.) Ltd.,  
Chunangadu. P. O, Ottappalam, Palakkad District – 679 511  
(Represented by its Director, Shri. George Joseph)

Copy to:

1. The Director of Mines Safety,  
No.5, 100FT,Road,17<sup>th</sup> Main, Koramangala 4<sup>th</sup> Block  
Bengaluru, Karnataka - 560034
2. The District Collector,Palakkad
3. The Geologist, District Office, Palakkad
4. The Tahsildar, Ottappalam
5. Stock File (2), File Copy

(BY ORDER)

*Handwritten signature*  
02/08/2017

**SENIOR SUPERINTENDENT**





പ്രദേശവാസികളും യു  
ജിൻ നിന്ന് കേരള  
ഭരണ വെള്ളത്തി  
ഭരിതമാക്കൽ നടപ  
തികളെന്ന ആവ  
ശ്യകത. ആളിയാർ  
നാൽ വഴി ജലം ആ  
യിലെത്തിച്ച് അവി  
ഭരണകടവ് വിയറി  
ത്തും എത്തിച്ചാണ്  
നിലകളെന്നത്. ഇ  
യാർ വഴി നൽകി  
ലോമിറ്റർ കനാൽ  
യിരിക്കും. അത് വ  
ലേ നഷ്ടവും ജല ചു  
ഴിവാക്കാൻ കഴിയു  
മാനവീകളും - ആളി  
ശരക്ഷണ സമിതി  
ഇക്കാര്യത്തിൽ ജ  
വകുപ്പ് അധികൃതർ  
നടപടി സ്വീകരി  
ന് സമിതി കൺവി  
തോട് മണി ആവ  
ശ്യമായ വഴിയാ  
നകേരളത്തിലേക്ക്  
സാഹചര്യത്തിൽ  
ത്തിച്ചിരുന്നത്. ആ  
ധർ വഴി വെള്ളം  
നൽകി, കേരളത്തിന്  
വെള്ളം ചെറു ക  
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റ്റാൻ സഹായം ഒരു  
നം ആവശ്യപ്പെട്ടുണ്ട്.

വരൾച്ച പ്രകടമായ സാഹചര്യ  
ത്തിൽ വരഗൈയാർ ന  
കം വെള്ളമെത്തിക്കുന്നതിന് ന  
ടപടി സ്വീകരിക്കണം എന്നാവ  
ശ്യപ്പെട്ട് ജലസംരക്ഷണ സമി  
തി, സംയുക്ത ജലശ്രമികരണ  
വിഭാഗം ഡെപ്യൂട്ടി ഡയറക്ടർ  
ക്ക് നിവേദനം നൽകി.

## നോട്ടീസ്

നോട്ടീസ് പൊതുജന ശ്രദ്ധയ്ക്കായി  
കേരള സംസ്ഥാനം, പാലക്കാട് ജില്ല, ഒറ്റ  
പ്പാലം താലൂക്ക്, അമ്പലപ്പാറ ഗ്രാമ പ  
ഞ്ചായത്തിലും അമ്പലപ്പാറ II വില്ലേജി  
ലുംപ്പെട്ട സർവ്വേ നമ്പർ.135 ൽ പാറ  
ഖനനം ചെയ്യുന്നതിനുവേണ്ട പരി  
സ്ഥിതി അനുമതി പി.പി.കെ. ഗ്രാനൈറ്റ്സ് & ക്രഷർ പ്രൊഡക്ട്സ് പ്രൈ.ലിമിറ്റഡ് എന്ന സ്ഥാപനത്തിന് ഡിസ്ട്രിക്ട് എൻവൈറോൺമെന്റ് ഇംപാക്ട് അസസ്സ് മെന്റ് അതോറിറ്റിയിൽ (DEIAA) നിന്നും 21.04.2017-ാം തീയതി എൻവൈറോൺമെന്റ് ക്ലിയർറൻസ് നമ്പർ : 4/16 (E/2703/16

DEIAA)-ാം ഓർഡർ പ്രകാരം ലഭിച്ചിരിക്കുന്നു. ഈ ഓർഡറിന്റെ പകർപ്പ് [enviromentalclearance.nic.in](http://enviromentalclearance.nic.in) എന്ന വെബ്സൈറ്റിൽ ഡിസ്ട്രിക്ട് പോർട്ടൽ ലഭ്യമാണ്. പി.പി.കെ. ഗ്രാനൈറ്റ്സ് & ക്രഷർ പ്രൊഡക്ട്സ് പ്രൈ.ലിമിറ്റഡ് ചുമന്ന ഓക് പോസ്റ്റ്

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## 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](http://environmentalclearance.nic.in).

PPK GRANITES & CRUSHER  
PRODUCTS PRIVATE LIMITED,  
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# POLUCHEM LABORATORIES (P) LTD.

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

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

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

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## TEST REPORT


Page 01 of 01

Client Name & Address	Certificate No:	PL/AMB/RT/9276/2020
Mr.K.P.Paul P P K Granites & Crusher Products (P) Ltd Chunangad Ottapalam Palakkad	Date of issue:	19/12/2020
	Date of monitoring	14/12/2020 10.00 Hrs to 15/12/2020 10.00 Hrs
	Date of sample received:	16/12/2020
	Date of analysis	16/12/2020
	Monitoring Location Mr.R.Sreedharan Nair Malleil Industries (P) Ltd Attachakkal Konni Pathanamthitta	P P K Granites & Crusher Products (P) Ltd Sy.No.: 135 Village: Ambalapara II Panchayath: Ambalapara Taluk: Ottapalam District: Palakkad, Kerala.
	Sample description	Ambient air – Near East side boundary
	Sample code given by client	Nil

SL NO	PARAMETERS	TEST METHOD	RESULTS	Limit as per NAAQS
01	Particulate Matter (PM <sub>10</sub> )	IS 5182 Part 23 2006 RA 2012	46.6 µg/m <sup>3</sup>	100 µg/m <sup>3</sup>
02	Particulate Matter (PM <sub>2.5</sub> )	CPCB	20.7 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>
03	Sulphur dioxide	IS 5182 Part 2 2001 RA 2017	4.1 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>
04	Nitrogen dioxide	IS 5182 Part 06 2006 RA2017	3.9 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>

Note: NAAQS-National Ambient Air Quality Standards.

\* End of the Report\*

The results are related only to the sample collected for analysis. This certificate shall not be reproduced except in full and without the written permission with authorized signatory	For and on behalf of POLUCHEM LABORATORIES (P) LTD.   AUTHORIZED SIGNATORY
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LEJA RAMESH  
 lity Manager  
 laboratories (P) Ltd





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## TEST REPORT


Page 01 of 01

Client Name & Address	Certificate No:	PL/AMB/RT/9277/2020
Mr.K.P.Paul P P K Granites & Crusher Products (P) Ltd Chunangad Ottapalam Palakkad	Date of issue:	19/12/2020
	Date of monitoring	14/12/2020 10.00 Hrs to 15/12/2020 10.00 Hrs
	Date of sample received:	16/12/2020
	Date of analysis	16/12/2020
	Monitoring Location Mr.R.Sreedharan Nair Malleil Industries (P) Ltd Attachakkal Konni Pathanamthitta	P P K Granites & Crusher Products (P) Ltd Sy.No.: 135 Village: Ambalapara II Panchayath: Ambalapara Taluk: Ottapalam District: Palakkad, Kerala.
	Sample description	Ambient air – Near North side boundary
	Sample code given by client	Nil

SL NO	PARAMETERS	TEST METHOD	RESULTS	Limit as per NAAQS
01	Particulate Matter (PM <sub>10</sub> )	IS 5182 Part 23 2006 RA 2012	48.1 µg/m <sup>3</sup>	100 µg/m <sup>3</sup>
02	Particulate Matter (PM <sub>2.5</sub> )	CPCB	23.3 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>
03	Sulphur dioxide	IS 5182 Part 2 2001 RA 2017	3.9 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>
04	Nitrogen dioxide	IS 5182 Part 06 2006 RA2017	2.7 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>

Note: NAAQS-National Ambient Air Quality Standards.

\* End of the Report\*

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## TEST REPORT

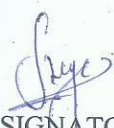
Page 01 of 01

Client Name & Address	Certificate No:	PL/AMB/RT/9278/2020
Mr.K.P.Paul P P K Granites & Crusher Products (P) Ltd Chunangad Ottapalam Palakkad	Date of issue:	19/12/2020
	Date of monitoring	14/12/2020 10.00 Hrs to 15/12/2020 10.00 Hrs
	Date of sample received:	16/12/2020
	Date of analysis	16/12/2020
	Monitoring Location Mr.R.Sreedharan Nair Malleil Industries (P) Ltd Attachakkal Konni Pathanamthitta	P P K Granites & Crusher Products (P) Ltd Sy.No.: 135 Village: Ambalapara II Panchayath: Ambalapara Taluk: Ottapalam District: Palakkad, Kerala.
	Sample description	Ambient air – Near South side boundary
	Sample code given by client	Nil

SL NO	PARAMETERS	TEST METHOD	RESULTS	Limit as per NAAQS
01	Particulate Matter (PM <sub>10</sub> )	IS 5182 Part 23 2006 RA 2012	42.1 µg/m <sup>3</sup>	100 µg/m <sup>3</sup>
02	Particulate Matter (PM <sub>2.5</sub> )	CPCB	19.7 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>
03	Sulphur dioxide	IS 5182 Part 2 2001 RA 2017	2.6 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>
04	Nitrogen dioxide	IS 5182 Part 06 2006 RA2017	1.3 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>

Note: NAAQS-National Ambient Air Quality Standards.

\* End of the Report\*

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L. J. RAMESH  
 Lity Manager  
 laboratories (P) Ltd





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## TEST REPORT


Page 01 of 01

Client Name & Address	Certificate No:	PL/AMB/RT/9279/2020
Mr.K.P.Paul P P K Granites & Crusher Products (P) Ltd Chunangad Ottapalam Palakkad	Date of issue:	19/12/2020
	Date of monitoring	14/12/2020 10.00 Hrs to 15/12/2020 10.00 Hrs
	Date of sample received:	16/12/2020
	Date of analysis	16/12/2020
	Monitoring Location Mr.R.Sreedharan Nair Malleil Industries (P) Ltd Attachakkal Konni Pathanamthitta	P P K Granites & Crusher Products (P) Ltd Sy.No.: 135 Village: Ambalapara II Panchayath: Ambalapara Taluk: Ottapalam District: Palakkad, Kerala.
	Sample description	Ambient air – Near West side boundary
	Sample code given by client	Nil

SL NO	PARAMETERS	TEST METHOD	RESULTS	Limit as per NAAQS
01	Particulate Matter (PM <sub>10</sub> )	IS 5182 Part 23 2006 RA 2012	50.1 µg/m <sup>3</sup>	100 µg/m <sup>3</sup>
02	Particulate Matter (PM <sub>2.5</sub> )	CPCB	25.6 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>
03	Sulphur dioxide	IS 5182 Part 2 2001 RA 2017	2.8 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>
04	Nitrogen dioxide	IS 5182 Part 06 2006 RA2017	1.9 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>

Note: NAAQS-National Ambient Air Quality Standards.

\* End of the Report\*

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LEJA RAMESH  
 City Manager  
 laboratories (P)





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## TEST REPORT

Page 01 of 01

Ref.No. PL/RT/OW/9286/2020

Date of Issue: 19/12/2020

Name & address of customer

: P P K Granites & Crusher Products (P) Ltd

Sy.No.: 135

Village: Ambalapara II

Panchayath: Ambalapara

Taluk: Ottapalam

District: Palakkad, Kerala.

Sample drawn by

: Poluchem Laboratory Sample Collector

Sample description

: Drinking Water

Location of sampling

: Bore Well Water- East Side-Outside

(From Adjoint plot of Mr.Kunjukuttan,Puthenpurakkal (H))

Date of sample collected

: 15/12/2020

Date of analysis started

: 16/12/2020

Date of completion of analysis

: 18/12/2020

Parameters tested	Test method	Results	Acceptable Limit As Per IS 10500-2012
Color	IS 3025 (P) 04 – 1983 RA2017	5 Hazen Unit	5 Hazen Unit
Odour	IS 3025 (P) 05 – 1983 RA2017	Agreeable	Agreeable
Turbidity	IS 3025 (P) 10 – 1984 RA2017	BDL	1 NTU
pH	IS 3025 (P) 11 – 1983 RA 2017	5.99	6.5 – 8.5
Total Dissolved Solids	IS 3025 (P) 16 – 1984 RA2017	67 mg/l	500 mg/l
Total Hardness as CaCO <sub>3</sub>	IS 3025 (P) 21 – 1983 RA2014	23.1 mg/l	200 mg/l
Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (P) 23 – 1986 RA2014	17.2 mg/l	200 mg/l
Residual Chlorine	IS 3025 (P) 26 – 1986 RA2014	BDL	0.2 mg/l
Chloride as Cl <sup>-</sup>	IS 3025 (P) 32 – 1988 RA2014	20.2 mg/l	250 mg/l
Calcium as Ca	IS 3025 (P) 40 – 1991 RA2014	6.28 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 – 1994 RA2014	2.13 mg/l	30 mg/l
Total Iron as Fe	IS 3025 (P) 53 – 2003 RA2014	0.25 mg/l	1 mg/l
Sulphate as SO <sub>4</sub>	IS 3025 (P) 24 – 1986 RA2009	10.1 mg/l	200 mg/l
Fluoride as F	IS 3025 (P) 60 -2008 RA 2013	0.27 mg/l	1.0 mg/l
Zinc as Zn	IS 3025 (P)49 – 1994 RA2014	BDL	5 mg/l
Manganese as Mn	IS 3025(P) 59– 2006 RA2017	BDL	0.1 mg/l
Cadmium as Cd	IS 3025(P) 41– 1992 RA2014	BDL	0.003 mg/l
Lead as Pb	IS 3025(P) 47– 1994 RA2014	BDL	0.01 mg/l
Coliforms(MPN/100ml)	IS 1622: 1981 RA 2009	Absent	Absent
Ecoli (Present or Absent/100ml)	IS 1622: 1981 RA 2009	Absent	Absent

Note : BDL – Below Detection Level

For Poluchem Laboratories (P) Ltd.

\* End of the report\*

Authorized signatory

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## TEST REPORT

Page 01 of 01

Ref.No. PL/RT/OW/9285/2020

Date of Issue: 19/12/2020

Name & address of customer

: P P K Granites & Crusher Products (P) Ltd

Sy.No.: 135

Village: Ambalapara II

Panchayath: Ambalapara

Taluk: Ottapalam

District: Palakkad, Kerala.

Sample drawn by

: Poluchem Laboratory Sample Collector

Sample description

: Drinking Water

Location of sampling

: Bore Well Water- East Side-Own Property

Date of sample collected

: 15/12/2020

Date of analysis started

: 16/12/2020

Date of completion of analysis

: 18/12/2020

Parameters tested	Test method	Results	Acceptable Limit As Per IS 10500-2012
Color	IS 3025 (P) 04 – 1983 RA2017	4 Hazen Unit	5 Hazen Unit
Odour	IS 3025 (P) 05 – 1983 RA2017	Agreeable	Agreeable
Turbidity	IS 3025 (P) 10 – 1984 RA2017	1 NTU	1 NTU
pH	IS 3025 (P) 11 – 1983 RA 2017	6.59	6.5 – 8.5
Total Dissolved Solids	IS 3025 (P) 16 – 1984 RA2017	76 mg/l	500 mg/l
Total Hardness as CaCO <sub>3</sub>	IS 3025 (P) 21 – 1983 RA2014	25.1 mg/l	200 mg/l
Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (P) 23 – 1986 RA2014	18.3 mg/l	200 mg/l
Residual Chlorine	IS 3025 (P) 26 – 1986 RA2014	BDL	0.2 mg/l
Chloride as Cl <sup>-</sup>	IS 3025 (P) 32 – 1988 RA2014	23.1 mg/l	250 mg/l
Calcium as Ca	IS 3025 (P) 40 – 1991 RA2014	7.59 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 – 1994 RA2014	3.21 mg/l	30 mg/l
Total Iron as Fe	IS 3025 (P) 53 – 2003 RA2014	0.12 mg/l	1 mg/l
Sulphate as SO <sub>4</sub>	IS 3025 (P) 24 – 1986 RA2009	7.6 mg/l	200 mg/l
Fluoride as F	IS 3025 (P) 60 -2008 RA 2013	0.48 mg/l	1.0 mg/l
Zinc as Zn	IS 3025 (P) 49 – 1994 RA2014	BDL	5 mg/l
Manganese as Mn	IS 3025(P) 59– 2006 RA2017	BDL	0.1 mg/l
Cadmium as Cd	IS 3025(P) 41– 1992 RA2014	BDL	0.003 mg/l
Lead as Pb	IS 3025(P) 47– 1994 RA2014	BDL	0.01 mg/l
Coliforms(MPN/100ml)	IS 1622: 1981 RA 2009	Absent	Absent
Ecoli (Present or Absent/100ml)	IS 1622: 1981 RA 2009	Absent	Absent

Note : BDL – Below Detection Level

For Poluchem Laboratories (P) Ltd.

Authorized signatory

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## TEST REPORT

Ref.No. PL/RT/OW/9284/2020

Date of Issue: 19/12/2020

Page 01 of 01

Name & address of customer

: P P K Granites & Crusher Products (P) Ltd

Sy.No.: 135

Village: Ambalapara II

Panchayath: Ambalapara

Taluk: Ottapalam

District: Palakkad, Kerala.

Sample drawn by

: Poluchem Laboratory Sample Collector

Sample description

: Drinking Water

Location of sampling

: Bore Well Water- South Side-Outside

(From Adjoint plot of Mr.Hamsa,Valiyath (H))

Date of sample collected

: 15/12/2020

Date of analysis started

: 16/12/2020

Date of completion of analysis

: 18/12/2020

Parameters tested	Test method	Results	Acceptable Limit As Per IS 10500-2012
Color	IS 3025 (P) 04 – 1983 RA2017	4 Hazen Unit	5 Hazen Unit
Odour	IS 3025 (P) 05 – 1983 RA2017	Agreeable	Agreeable
Turbidity	IS 3025 (P) 10 – 1984 RA2017	BDL	1 NTU
pH	IS 3025 (P) 11 – 1983 RA 2017	6.56	6.5 – 8.5
Total Dissolved Solids	IS 3025 (P) 16 – 1984 RA2017	104 mg/l	500 mg/l
Total Hardness as CaCO <sub>3</sub>	IS 3025 (P) 21 – 1983 RA2014	36.1 mg/l	200 mg/l
Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (P) 23 – 1986 RA2014	23.4 mg/l	200 mg/l
Residual Chlorine	IS 3025 (P) 26 – 1986 RA2014	BDL	0.2 mg/l
Chloride as Cl <sup>-</sup>	IS 3025 (P) 32 – 1988 RA2014	20.1 mg/l	250 mg/l
Calcium as Ca	IS 3025 (P) 40 – 1991 RA2014	6.52 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 – 1994 RA2014	2.91 mg/l	30 mg/l
Total Iron as Fe	IS 3025 (P) 53 – 2003 RA2014	0.18 mg/l	1 mg/l
Sulphate as SO <sub>4</sub>	IS 3025 (P) 24 – 1986 RA2009	9.12 mg/l	200 mg/l
Fluoride as F	IS 3025 (P) 60 -2008 RA 2013	0.3 mg/l	1.0 mg/l
Zinc as Zn	IS 3025 (P)49 – 1994 RA2014	BDL	5 mg/l
Manganese as Mn	IS 3025(P) 59– 2006 RA2017	BDL	0.1 mg/l
Cadmium as Cd	IS 3025(P) 41– 1992 RA2014	BDL	0.003 mg/l
Lead as Pb	IS 3025(P) 47– 1994 RA2014	BDL	0.01 mg/l
Coliforms(MPN/100ml)	IS 1622: 1981 RA 2009	Absent	Absent
Ecoli (Present or Absent/100ml)	IS 1622: 1981 RA 2009	Absent	Absent

Note : BDL – Below Detection Level

For Poluchem Laboratories (P) Ltd.

Authorized signatory

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## TEST REPORT

Page 01 of 01

Ref.No. PL/RT/SW/9287/2020

Name & address of customer

Date of Issue: 19/12/2020

: P P K Granites & Crusher Products (P) Ltd

Sy.No.: 135

Village: Ambalapara II

Panchayath: Ambalapara

Taluk: Ottapalam

District: Palakkad, Kerala.

Sample drawn by

: Poluchem Laboratory Sample Collector

Sample description

: Water Sample

Location of sampling

: Surface Water -North Side-Own Property

Date of sample collected

: 15/12/2020

Date of analysis started

: 16/12/2020

Date of completion of analysis

: 18/12/2020

Parameters tested	Test method	Results	Acceptable Limit As Per IS 10500-2012
Color	IS 3025 (P) 04 – 1983 RA2017	9 Hazen Unit	5 Hazen Unit
Odour	IS 3025 (P) 05 – 1983 RA2017	Agreeable	Agreeable
Turbidity	IS 3025 (P) 10 – 1984 RA2017	3 NTU	1 NTU
pH	IS 3025 (P) 11 – 1983 RA 2017	5.65	6.5 – 8.5
Total Dissolved Solids	IS 3025 (P) 16 – 1984 RA2017	58.2 mg/l	500 mg/l
Total Hardness as CaCO <sub>3</sub>	IS 3025 (P) 21 – 1983 RA2014	15.2 mg/l	200 mg/l
Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (P) 23 – 1986 RA2014	9.3 mg/l	200 mg/l
Residual Chlorine	IS 3025 (P) 26 – 1986 RA2014	BDL	0.2 mg/l
Chloride as Cl <sup>-</sup>	IS 3025 (P) 32 – 1988 RA2014	26.1 mg/l	250 mg/l
Calcium as Ca	IS 3025 (P) 40 – 1991 RA2014	5.28 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 – 1994 RA2014	1.73 mg/l	30 mg/l
Total Iron as Fe	IS 3025 (P) 53 – 2003 RA2014	0.46 mg/l	1 mg/l
Sulphate as SO <sub>4</sub>	IS 3025 (P) 24 – 1986 RA2009	6.7 mg/l	200 mg/l
Fluoride as F	IS 3025 (P) 60 -2008 RA 2013	0.18 mg/l	1.0 mg/l
Biochemical Oxygen Demand (3 days at 27° C)	IS 3025 (P) 44 – 1993RA 2014	4.1mg/l	--
Chemical Oxygen Demand	IS 3025 (P) 58 – 2006 RA2017	11 mg/l	--
Dissolved Oxygen	IS 3025 (P) 44 – 1989RA 2014	5.8 mg/l	--
Zinc as Zn	IS 3025 (P)49 – 1994 RA2014	BDL	5 mg/l
Manganese as Mn	IS 3025(P) 59– 2006 RA2017	BDL	0.1 mg/l
Cadmium as Cd	IS 3025(P) 41– 1992 RA2014	BDL	0.003 mg/l
Lead as Pb	IS 3025(P) 47– 1994 RA2014	BDL	0.01 mg/l
Coliforms(MPN/100ml)	IS 1622: 1981 RA 2009	170	Absent
Ecoli (Present or Absent/100ml)	IS 1622: 1981 RA 2009	Present	Absent

Note : BDL – Below Detection Level

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## TEST REPORT

Page 01 of 01

Client Name & Address	Certificate No:	PL/RT/SD/9280/2020	
Mr.K.P.Paul P P K Granites & Crusher Products (P) Ltd Chunangad Ottapalam Palakkad	Date of issue:	19/12/2020	
	Date of monitoring	14/12/2020 to 15/12/2020	
	Monitoring Location	P P K Granites & Crusher Products (P) Ltd Sy.No.: 135 Village: Ambalapara II Panchayath: Ambalapara Taluk: Ottapalam District: Palakkad, Kerala.	
	Sample Description	Ambient Sound Level -East Side	
HOURLY INTERVAL	RESULT	HOURLY INTERVAL	RESULT
06.00 AM-07.00 AM	43.7 dB (A)	11.00 PM-12.00AM	35.1 dB (A)
07.00 AM- 08.00 AM	42.1 dB (A)	12.00 AM-01.00 AM	34.2 dB (A)
08.00 AM- 09.00 AM	45.8 dB (A)	01.00 AM- 02.00 AM	33.7 dB (A)
09.00 AM -10.00 AM	44.2 dB (A)	02.00 AM-03.00 AM	33.9 dB (A)
10.00 AM-11.00 AM	48.1 dB (A)	03.00 AM-04.00 AM	35.8 dB (A)
11.00 AM-12.00 PM	49.2 dB (A)	04.00 AM -05.00 AM	36.2 dB (A)
12.00 PM-01.00 PM	50.7 dB (A)	05.00 AM-06.00AM	34.1 dB (A)
01.00 PM-02.00 PM	51.2 dB (A)		
02.00 PM-03.00 PM	48.9 dB (A)		
03.00 PM-04.00 PM	47.5 dB (A)		
04.00 PM-05.00 PM	45.6 dB (A)		
05.00 PM-06.00 PM	46.1 dB (A)		
06.00 PM-07.00 PM	40.2 dB (A)		
07.00 PM-08.00 PM	37.7 dB (A)		
08.00 PM-09.00 PM	38.2 dB (A)		
09.00 PM-10.00 PM	37.2 dB (A)		
10.00 PM-11.00 PM	36.3 dB (A)		
		LDay	50.3 dB (A)
		LNight	34.4 dB (A)

Limits: Industrial Area Day Time-75dB(A),Night Time- 70dB(A),Commercial area Day Time -65 dB(A),Night Time60dB(A),  
 Residential area Day Time -55 dB(A),Night Time -40dB(A),Silence zone day time-50dB(A),Night time-45dB(A)  
 Day Time from 06.00 am to 10.00 pm & Night Time from 10.00 pm to 06.00 am

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## TEST REPORT

Page 01 of 01

<b>Client Name &amp; Address</b>  Mr.K.P.Paul P P K Granites & Crusher Products (P) Ltd Chunangad Ottapalam Palakkad	<b>Certificate No:</b>	PL/RT/SD/9281/2020	
	Date of issue:	19/12/2020	
	Date of monitoring	14/12/2020 to 15/12/2020	
	Monitoring Location	P P K Granites & Crusher Products (P) Ltd Sy.No.: 135 Village: Ambalapara II Panchayath: Ambalapara Taluk: Ottapalam District: Palakkad, Kerala.	
	Sample Description	Ambient Sound Level – North Side	
<b>HOURLY INTERVAL</b>	<b>RESULT</b>	<b>HOURLY INTERVAL</b>	<b>RESULT</b>
06.00 AM-07.00 AM	48.4 dB (A)	11.00 PM-12.00AM	38.2 dB (A)
07.00 AM- 08.00 AM	49.4 dB (A)	12.00 AM-01.00 AM	39.5 dB (A)
08.00 AM- 09.00 AM	48.6 dB (A)	01.00 AM- 02.00 AM	37.4 dB (A)
09.00 AM -10.00 AM	47.2 dB (A)	02.00 AM-03.00 AM	38.7 dB (A)
10.00 AM-11.00 AM	51.2 dB (A)	03.00 AM-04.00 AM	39.2 dB (A)
11.00 AM-12.00 PM	51.7 dB (A)	04.00 AM -05.00 AM	36.2 dB (A)
12.00 PM-01.00 PM	48.4 dB (A)	05.00 AM-06.00AM	35.1 dB (A)
01.00 PM-02.00 PM	49.8 dB (A)		
02.00 PM-03.00 PM	49.5 dB (A)		
03.00 PM-04.00 PM	47.2 dB (A)		
04.00 PM-05.00 PM	48.4 dB (A)		
05.00 PM-06.00 PM	47.4 dB (A)		
06.00 PM-07.00 PM	47.9 dB (A)		
07.00 PM-08.00 PM	46.2 dB (A)		
08.00 PM-09.00 PM	45.2 dB (A)		
09.00 PM-10.00 PM	44.7 dB (A)	LDay	48.8 dB (A)
10.00 PM-11.00 PM	43.4 dB (A)	LNight	36.3 dB (A)

Limits: Industrial Area Day Time-75dB(A),Night Time- 70dB(A),Commercial area Day Time -65 dB(A),Night Time55dB(A), Residential area Day Time -55 dB(A),Night Time -45dB(A),Silence zone day time-50dB(A),Night time-40dB(A)  
Day Time from 06.00 am to 10.00 pm & Night Time from 10.00 pm to 06.00 am

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For Poluchem Laboratories (P) Ltd.

Authorized Signatory

LEJA KAMESH  
City Manager  
laboratories





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## TEST REPORT

Page 01 of 01

<b>Client Name &amp; Address</b>  Mr.K.P.Paul P P K Granites & Crusher Products (P) Ltd Chunangad Ottapalam Palakkad	<b>Certificate No:</b>	PL/RT/SD/9282/2020	
	Date of issue:	19/12/2020	
	Date of monitoring	14/12/2020 to 15/12/2020	
	Monitoring Location	P P K Granites & Crusher Products (P) Ltd Sy.No.: 135 Village: Ambalapara II Panchayath: Ambalapara Taluk: Ottapalam District: Palakkad, Kerala.	
	Sample Description	Ambient Sound Level – South Side	
<b>HOURLY INTERVAL</b>	<b>RESULT</b>	<b>HOURLY INTERVAL</b>	<b>RESULT</b>
06.00 AM-07.00 AM	48.5 dB (A)	11.00 PM-12.00AM	37.2 dB (A)
07.00 AM- 08.00 AM	48.7 dB (A)	12.00 AM-01.00 AM	36.3 dB (A)
08.00 AM- 09.00 AM	47.2 dB (A)	01.00 AM- 02.00 AM	37.1 dB (A)
09.00 AM -10.00 AM	48.2 dB (A)	02.00 AM-03.00 AM	35.2 dB (A)
10.00 AM-11.00 AM	49.4 dB (A)	03.00 AM-04.00 AM	38.1 dB (A)
11.00 AM-12.00 PM	51.7 dB (A)	04.00 AM -05.00 AM	37.4 dB (A)
12.00 PM-01.00 PM	50.4 dB (A)	05.00 AM-06.00AM	36.2 dB (A)
01.00 PM-02.00 PM	50.8 dB (A)		
02.00 PM-03.00 PM	48.4 dB (A)		
03.00 PM-04.00 PM	49.6 dB (A)		
04.00 PM-05.00 PM	47.5 dB (A)		
05.00 PM-06.00 PM	48.9 dB (A)		
06.00 PM-07.00 PM	46.2 dB (A)		
07.00 PM-08.00 PM	45.4 dB (A)		
08.00 PM-09.00 PM	44.1 dB (A)		
09.00 PM-10.00 PM	40.4 dB (A)	LDay	49.5 dB (A)
10.00 PM-11.00 PM	39.6 dB (A)	LNight	36.2 dB (A)

Limits: Industrial Area Day Time-75dB(A),Night Time- 70dB(A),Commercial area Day Time -65 dB(A),Night Time55dB(A), Residential area Day Time -55 dB(A),Night Time -45dB(A),Silence zone day time-50dB(A),Night time-40dB(A)  
Day Time from 06.00 am to 10.00 pm & Night Time from 10.00 pm to 06.00 am

\*End of the Report \*

For Poluchem Laboratories (P) Ltd.

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RAJESH  
 lity Manager  
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## TEST REPORT

Page 01 of 01

<b>Client Name &amp; Address</b>  Mr.K.P.Paul P P K Granites & Crusher Products (P) Ltd Chunangad Ottapalam Palakkad	<b>Certificate No:</b>	PL/RT/SD/9283/2020	
	Date of issue:	19/12/2020	
	Date of monitoring	14/12/2020 to 15/12/2020	
	Monitoring Location	P P K Granites & Crusher Products (P) Ltd Sy.No.: 135 Village: Ambalapara II Panchayath: Ambalapara Taluk: Ottapalam District: Palakkad, Kerala.	
	Sample Description	Ambient Sound Level – West Side	
<b>HOURLY INTERVAL</b>	<b>RESULT</b>	<b>HOURLY INTERVAL</b>	<b>RESULT</b>
06.00 AM-07.00 AM	49.1 dB (A)	11.00 PM-12.00AM	36.2 dB (A)
07.00 AM- 08.00 AM	48.2 dB (A)	12.00 AM-01.00 AM	35.2 dB (A)
08.00 AM- 09.00 AM	48.9 dB (A)	01.00 AM- 02.00 AM	34.2 dB (A)
09.00 AM -10.00 AM	47.1 dB (A)	02.00 AM-03.00 AM	35.3 dB (A)
10.00 AM-11.00 AM	50.2 dB (A)	03.00 AM-04.00 AM	33.2 dB (A)
11.00 AM-12.00 PM	49.2 dB (A)	04.00 AM -05.00 AM	35.1 dB (A)
12.00 PM-01.00 PM	51.1 dB (A)	05.00 AM-06.00AM	36.5 dB (A)
01.00 PM-02.00 PM	48.4 dB (A)		
02.00 PM-03.00 PM	47.2 dB (A)		
03.00 PM-04.00 PM	49.2 dB (A)		
04.00 PM-05.00 PM	48.3 dB (A)		
05.00 PM-06.00 PM	46.6 dB (A)		
06.00 PM-07.00 PM	45.4 dB (A)		
07.00 PM-08.00 PM	44.3 dB (A)		
08.00 PM-09.00 PM	42.2 dB (A)		
09.00 PM-10.00 PM	40.1 dB (A)		
10.00 PM-11.00 PM	39.5 dB (A)		
		LDay	50.2 dB (A)
		LNight	36.8 dB (A)

Limits: Industrial Area Day Time-75dB(A),Night Time- 70dB(A),Commercial area Day Time -65 dB(A),Night Time55dB(A), Residential area Day Time -55 dB(A),Night Time -45dB(A),Silence zone day time-50dB(A),Night time-40dB(A)  
 Day Time from 06.00 am to 10.00 pm & Night Time from 10.00 pm to 06.00 am

\*End of the Report \*

For Poluchem Laboratories (P) Ltd.

Authorized Signatory

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## TEST REPORT

<b>Client Name &amp; Address</b>  Mr.K.P.Paul P P K Granites & Crusher Products (P) Ltd Chunangad Ottapalam Palakkad	<b>Certificate No:</b>	<b>PL/RT/SO/9288/2020</b>
	<b>Date of issue:</b>	19/12/2020
	<b>Date of monitoring</b>	14/12/2020
	<b>Monitoring Location</b>	P P K Granites & Crusher Products (P) Ltd Sy.No.: 135 Village: Ambalapara II Panchayath: Ambalapara Taluk: Ottapalam District: Palakkad, Kerala.
	<b>Sample Description</b>	Soil
<b>Parameter</b>	<b>Test Method</b>	<b>Results</b>
pH	IS 2720(Part25)-1973	6.32
Electrical Conductivity	IS 14767:2000RA2016	102 $\mu$ S/cm
Potassium as K	EPA 3050 B	62 mg/kg
Phosphorus as P	IS 10158 :1982 RA 2014	47 mg/kg
Nitrogen as N	IS 14684: 1999 RA 2014	129 mg/kg
Organic Carbon	IS2720(Part 22)-1972	0.98 %
Calcium	EPA 3050 B	166 mg/kg
Magnesium	EPA 3050 B	99 mg/kg
Chloride	UEPA9212	127 mg/kg
Sulphate	IS 2720 Part27:1977	104 mg/kg

For Poluchem Laboratories (P) Ltd.

Authorized Signatory.

\*End of the Report\*

LEJA RAMESH  
lity Manage

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





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Issue Date: 25/08/2019

Valid Until: 24/08/2021

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

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Signed for and on behalf of NABL



N. Venkateswaran  
Chief Executive Officer

**PLATE'S  
OF  
SPECIFIC CONDITION  
  
(PART A)**





**A. Toilet**

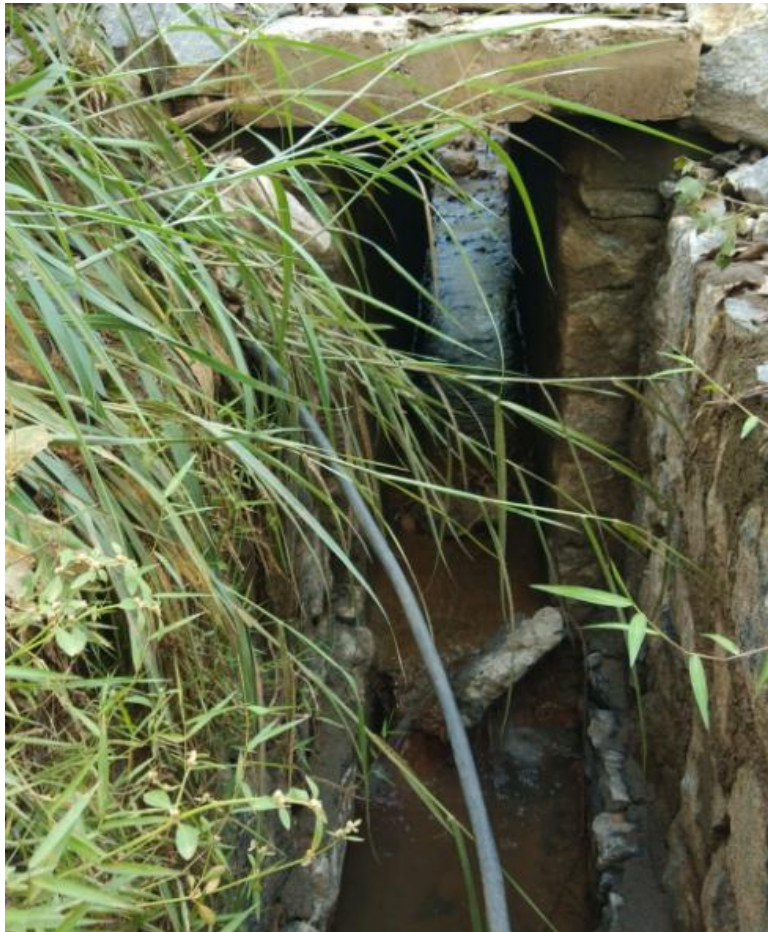


**B. Workers with PPE**



**Plate S-2: Health and Welfare Measures**









**Plate S-5: Garland drains.**



**Plate S-6: Fenced**





**Plate S-8: Displayed Appropriate Sign Board**



**Plate S-9: Display Blasting Time board**





**Plate S-10: Sprinklers**

**PLATE'S  
OF  
GENERAL CONDITION  
(PART B)**





**Plate G-1: Rain water harvesting pond**



**Plate G-3: Avenue Trees Planted Along Tarred Road**





**Plate G-5: Sprinklers**



**Plate G-9: Fenced with barbed wire**





**Plate G-10: Display blasting Time board with Siren**



**Plate G-12: Displayed Quarry Working Time board**





**Plate G-15; Access road to the quarry.**



**Plate G-16: Overburden is stacked**





**Plate G-17: Mining bench work on progress**



**Plate G-22: Workers with protective equipment's.**





**Plate G-23: Garland drains.**



**Plate G-24: Transportation of materials in covered truck**





**Plate G-27: Magazine**



**Plate G-38: Displayed EC details board**





**Plate G-44: Constructed De-siltation Pond**



**Plate G-57: Mining depth not intersect GWT**