

ENVIRONMENT CLEARANCE COMPLIANCE REPORT

October 2023- March 2024

For

GRANITE BUILDING STONE QUARRY (Minor Mineral)

Extent: 2.4374 Ha. (6.0229 Acres)

At

Sy No.: 135

Village: Ambalappara

Taluk: Ottapalam

District: Palakkad

State: Kerala,

‘Quarry Project of P.P.K. Granites’

File NO: E/2703/16/DIEAA

Dated: 21/04/2017

Date: 23/05/2024

To,

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

Respected Sir,

Sub: Environmental Clearance Compliance Report for the period October 2023 – March 2024 pertaining to ‘Granite Building Stone Quarry of ‘PPK Granites and Crusher Private Limited’

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

As per conditions of the above referred Environmental Clearance (EC), please find enclosed compliance report for period from October 2023 to March 2024 of the EC Granted to ‘Granite Building Stone Quarry of PPK Granites and Crusher Private Limited ‘by Ministry of Environmental & Forest under EPA (1986). Also enclosed relevant Annexures in Support of the compliance report for your perusal and record please. A soft copy of the same is sent by email for your record and perusal.

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

Thanking you,

Yours truly,

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



Shri. Nisarudeen
(Managing Director)

Encl: as above

Cc:

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

Introduction

Mr. Nisarudeen, P.P.K. Granites & Crusher Products Pvt. Ltd, Chunangad P.O, Ottapalam taluk, Palakkad District, Kerala- 679511 has been granted for a mining lease to quarry Granite Building Stone over an area of 2.4374Ha. In Sy. No: 135, Ambalappara- II Village Ottapalam taluk, Palakkad District, Kerala The Environmental clearance is also obtained for this mining lease vide letter no E/2703/16/DEIAA. Dated: 21/04/2017, for a maximum production of 71,000 MTA. This granite building stone quarry is located at 5.8 Kms from Ambalappara-II Village in Ottappalam Taluk. It is at a distance of 33.2 Kms by road from Palakkad town. It can be reached from Varodu Chunangadu Road.

Description of the project

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

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

SPECIFIC CONDITIONS

<u>Sl No.</u>	Conditions	Status of compliance
1	A Mines manager shall be appointed to control, direct, manage and supervise the Quarrying operations as required under the Mines Act, 1952.	Mine's manager has been appointed to control, direct, manage and supervise the Quarrying as required under the Mines Act, 1952.
2	Health and welfare measures for the persons employed shall be implemented.	Health and welfare measures for the persons employed in the quarry has been implemented. periodic health checkups are been regularly carried out to all the employees employed in the quarry, as welfare measure proper PPEs are distributed to all the employees.
3	Controlled blasting should be practiced, and blasting shall be done during daytime. The mitigative measures for control of ground vibrations to arrest the fly rocks and boulders should be implemented.	Controlled blasting was practiced and blasting is done only on day time and the mitigative measures are strictly followed to control the ground vibrations and to arrest the fly rocks & Boulders.
4	Plantation shall be done which includes a green belt of adequate width around the mining lease area excluding the rocky area, along roads, overburden dumps and non-mineralized area by planting Suitable native specious in consultation with the local DFO/ Agriculture Department.	Plantation is carried out in all possible areas inside the mine lease area. Especially in the road side, dumps, buffer zone and in non-mineralized area. The photos of plantation are attached as Annexure-1 .
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	The drains are regularly de silted and maintained properly. Check dam and gully checks are constructed. De siltation is carried out every year before the onset of monsoon.

	be done every year before the onset of monsoon.	Photos of garland drains & SST's was attached as Annexure-2 .
6	Fencing must be maintained properly all around the lease area.	Entire lease area is fenced and maintained properly.
7	The CSR need redrafting with inclusion of felt needs of the locality.	Noted.
8	Appropriate sign boards should be displayed.	Sign boards have been erected at prominent places. Sign Boards photos were attached as Annexure-3 .
9	The blasting time must be displayed and strictly adhered to.	Board with blasting time mentioned in it was erected and Photo was attached in Annexure-4 .
10	The PPV values must be less than 10mm/sec	Necessary mitigation measures and precautions are taken to maintain PPV values less than 10mm/sec
11	Dust Suppression mechanism must be in place.	Water Sprinklers are erected to suppress the dust. Photos of Water Sprinklers was attached as Annexure-5 .
12	A separate small plot to be maintained in the premise to preserve rare and endemic species, if any, listed. In the Biodiversity assessment.	Noted.

GENERAL CONDITIONS

1.	Rainwater harvesting facility should be installed as per prevailing provisions of KMBR/KPBR, unless otherwise specified.	Rainwater harvesting is a better solution for overcoming the problem of water scarcity in Mines. Rain water harvesting facility was made and maintained properly.
2.	Environment Monitoring Cell as agreed under the affidavit filed by the proponent.	Environment monitoring cell is formed & is made functional.
3.	Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, including approach roads and internal roads.	Local species saplings procured from Forest department are being planted and maintained properly. Photos of plantation are attached as Annexure-1.
4.	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Solar Energy generation and utilization is adopted. Photos are attached as Annexure-6.
5.	Sprinklers shall be installed and used in the Project Site to contain dust emissions.	Sprinklers are erected in the dust generating zones to suppress the generation of dust. Photos of water sprinklers are attached as Annexure-5.
6.	Eco-restoration, including the Mine Closure Plan shall be done at the own cost of the Project Proponent.	The mine closure plan will be initiated during the end of mine life as agreed by the project proponent with Eco-restoration.
7.	At least 10 per cent of total excavated Pit area should be retained as water storage area and the remaining area should be reclaimed with stacked dumping and overburden and planted with indigenous plant species that are eco- friendly, if no other specific condition on reclamation of the Pit is stipulated in the EC.	During the Mine Closure, 10 percent of total excavated pit will be retained as water storage area and the remaining area will be reclaimed as stacked dumping & overburden and indigenous plant species will be planted.
8.	Corporate Social Responsibility (CSR) agreed upon by the Proponent should be implemented.	CSR agreed upon by the proponent is being implemented. Photos of CSR activities were compiled in previous

		Half yearly Compliance Report
9.	The Lease area shall be fenced off with barbed wires to a minimum height of 4 ft around, before starting of Mining. All the boundary indicators (boards, stores, markings, etc.) shall be protected at all times and shall be conspicuous.	Lease area is properly fenced off with barbed wires.
10.	Warning alarms indicating the time of Blasting (to be done at specific timings) has to be arranged as per stipulations of the Explosives department.	Warning alarms indicating the time of blasting are erected as per the stipulations. Photos are attached in Annexure-04 .
11.	Control measures on noise and vibrations prescribed by KSPCB should be implemented.	<ul style="list-style-type: none"> ➤ Noise and vibration control measures is implemented by adapting controlled blasting. ➤ Use of sharp drilling bits, delivery of compressed air at optimal pressure. Proper maintenance of compressor, drilling machine, jackhammers and tipper trucks. ➤ Regular monitoring of noise levels is being done within the core zone and the buffer zone of the mining lease area.
12.	Quarrying activities should be limited to daytime as per KSPCB guidelines/specific conditions.	Quarrying activities is limited to daytime only as per KSPCB guidelines. KSPCB License is attached as Annexure-14 .
13.	Blasting should be done in a controlled manner as specified by the regulations of the Explosives department or any other concerned agency.	Controlled blasting is done as per regulations. Copy of the Explosive License is enclosed as Annexure-7 .
14.	A licensed person should supervise/control the Blasting Operations	Blasting is carried out only by DGMS Certified Mining officials.
15.	Access roads to the quarry shall be tarred to contain dust emission that may arise during the transportation of materials.	Access road to the Quarry is tarred and well maintained. Water Sprinkling is done to control dust emissions. Photos of Access road to quarry are attached as Annexure-8 .

16.	Overburden materials should be managed within the site and used for reclamation of Mine Pit as per Mine closure Plan/specific conditions	Overburden material is kept within the site and will be used for reclamation of Mine Pit as per Mine Closure Plan/specific conditions. The photos of OB are attached as Annexure-9 .
17.	Height of Benches should not exceed 5 M and width should not be less than 5 M, if there is no mention in the Mining Plan/specific conditions	The width & height of the benches were maintained as 5m * 5m. The bench photos are attached as Annexure-10 .
18.	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided	Agreed.
19.	Maximum depth of mining and general ground level at site shall not exceed 10m	The maximum depth of mining will not exceed more than 10m of general ground level.
20.	No Mining operations should be carried out at places having a slope greater than 45°	No Mining operations are carried out at places having a slope greater than 45°.
21.	Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of green belt and hollow bricks envelop for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.	Acoustic enclosures are provided to reduce sound amplifications.
22.	The workers on the site should be provided with the required protective equipment such as ear muffs helmet, etc.	Requisite Personal Protective equipment (PPE's) was provided to all employees.
23.	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Garland drains are constructed to channelize storm water. Photos are attached as Annexure-2 .
24.	The transportation of minerals should be done in covered trucks to contain dust emissions.	All trucks transporting material are covered by firmly tied tarpaulin.
25.	The proponent should plant trees at least 5 times the loss that has been occurred while clearing the land for the project.	Plantation is being done which includes a green belt of adequate width around the mining lease area excluding the rocky area, along roads, overburden dumps and non- mineralized area by planting suitable species in consultation with the local DFO/Agriculture

		Department. Photos of Plantation is attached as Annexure-1 .
26.	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Spent oil is used as a lubricant for drilling machines.
27.	Explosives should be stored in magazines in isolated place specified and approved by the Explosive Department.	Explosives are stored in a Licensed Explosives Magazine, which is approved by PESO. Copy of magazine license is attached as Annexure-7 .
28.	A minimum buffer distance of 50 M from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided.	No dwellings are situated within 50 M from the boundary of the quarry.
29.	100 M buffer distance should be maintained from forest boundaries	Agreed.
30.	Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating mining activity.	Compiled.
31.	All other statutory clearances should be obtained, as applicable, by project proponents from the respective competitive authorities including that for blasting and storage of explosives.	All required statutory clearances are obtained. <ul style="list-style-type: none"> • PESO License is attached as Annexure-7.
32.	In the case of any change(s) in the scope of the Project, extent, quantity, process of mining technology involved or in any way affecting the environment parameters/impacts as assessed, based on which only the EC is issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority.	There is no change in the scope of the project.
33.	The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the Environmental Clearance under	Agreed.

	provisions of the Environment (Protection) Act,1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	
34.	The stipulations by the Statutory Authorities under different Acts and Notifications should be complied with including the provisions of the Water (Prevention and control of Pollution) Act,1974, the Air (Prevention and control of Pollution) Act1981, the Environment (Protection) Act,1986, the Public Liability (Insurance) Act,1991 and EIA Notification,2006	Noted.
35.	The project proponent should advertise in at least 2 newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the Project has been accorded Environment Clearance and the copies of the Clearance letters are available with the State Environment Impact Assessment Authority (SEIAA) office and may also be seen on the website of the Authority at www.seiaakerala.org . The advertisement should be made within 10 days from the date of receipt of the clearance letter and a copy of the same signed in all the pages should be forwarded to the Office of this Authority as confirmation	Complied. The photos were attached in previous compliance reports.
36.	A copy of the clearance letter shall be sent by the proponent to the concerned Gram Panchayat/District Panchayat/ Municipality/Corporation/Urban local Body and also to the Local NGO, if any from whom suggestions/ representations, if any were received while processing the proposal. The Environmental Clearance shall also be	A copy of the Clearance was submitted to the concerned authorities.

	put on the website of the company by the proponent.	
37.	The proponent shall submit half yearly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective regional office of the MOEF, Govt. of India and also to the State Environment Impact Assessment Authority (SEIAA) office	Half yearly compliance reports are submitted as stipulated to State Environmental Impact Assessment Authority and the Regional Office of MoEF&CC, Bangalore.
38.	The details of Environment Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times Roman font of size not less than 40. Sign board with extent of Lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public	Details of Environmental Clearance is prominently displayed at the entrance to the Mine. Photo of the EC board is attached as Annexure-11 .
39.	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.	Noted.
40.	No change in mining technology and scope of working should be made without prior approval of the SEIAA. No further expansion or modifications in the mine shall be carried out without prior approval of the SEIAA, as applicable.	Without Prior approval from the SEIAA change of mining technology will not be carried out.
41.	The Project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to	No natural water course is obstructed. Necessary safeguard measures are taken to protect first order streams if originating from the mining lease in the future.

	protect the first order streams, if any, originating from the mine lease shall be taken.	
42.	Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places loading and unloading points & transfer point to reduce fugitive emissions.	Monitoring of Ambient Air Quality was carried out. Monitoring Photos and reports have been enclosed as Annexure-12 and Annexure-13 respectively. Water sprinkling is done in appropriate places.
43.	The topsoil, if any, shall be temporarily be stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The Over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8 m and the width 20 m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo-textiles shall be undertaken for stabilization of the dump. The entire excavated area should continue until the vegetation becomes self- sustaining.	Available topsoil is being used for plantation. OB generated is stacked separately and will be vegetated with locally available shrubs and grasses. Photo of the OB Dump is attached as Annexure-9 .
44.	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development, etc. The drains shall be regularly de silted particularly after monsoons and maintained properly.	Catch drains and siltation ponds are made around the mining workings, mineral and the water from the drain is directed to the Rainwater Harvesting Pond. The water from RWHP is utilized for watering the mine area, roads, green belt development etc. The drains will be regularly de-silted particularly after monsoons and maintained properly.

45.	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM10 and PM2.5 such as haul road, loading and unloading points and transfer points-it shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	Regular water sprinkling is being done on all necessary roads with water sprinklers. Photos of sprinklers are attached as Annexure-5 .
46.	Fugitive dust emissions from all sources should be controlled regularly. Water spraying arrangements on haul roads, loading and unloading and transfer points should be provided and properly maintained.	Fugitive dust emissions are controlled by carrying out water sprinkling regularly on haul roads, loading, unloading and transfer points with water tankers with sprinklers. The photos of water sprinkling are attached as Annexure-5 .
47.	Measures should be taken for control of noise levels below 85 dB (A) in the work environment.	Adequate measures for noise control are adopted. Noise monitoring photos are attached as Annexure – 12 .
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.	An Environment Management Cell has been set up with Mr. Nisarudheen as the head of the Cell.
49.	The funds earmarked for environment protection measures and CSR activities should be kept in a separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the State Environment Impact Assessment Authority (SEIAA) office.	Complied. The proof of CSR activities completed where attached in previous compliance reports.
50.	The Regional office of MoEF & CC located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the office (s) of the Regional office by furnishing the requisite data/information/monitoring reports.	Full cooperation to the Regional office of MoEF & CC will be given.

51.	Any appeal against the Environment Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010	Agreed
52.	Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under provisions of the Environment (Protection) Act, 1986.	Agreed
53.	The SEIAA may revoke or suspend the order for non-implementation of any of the specific or this implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of the environment protection	Agreed
54.	The above conditions shall prevail notwithstanding anything to the contrary, inconsistent or simplified, contained in any other permit, license or consent given by any other authority for the same project.	Agreed
55.	The order is valid for a period of 5 years of the expiry date of Mine lease period issued by the Government of Kerala, whichever is earlier.	Agreed
56.	The Environment Clearance will be subject to the final order of the courts in any pending litigation related to the land or the project, in any court of law.	Agreed
57.	The Mining operations shall be restricted to above ground water table, and it should not intersect ground water table.	Mining operations will be restricted to above ground water table and due care will be taken so that mining does not intersect ground water table.
58.	All vehicles used for transportation and within the mines shall have 'PUC'	All transportation vehicles have 'PUC' Certificate issued by an authorized

	certificate from authorized pollution checking center. Washing of all vehicles shall be inside the Lease area	Pollution checking center. All the vehicles are washed inside the lease area.
59.	Project proponent should obtain necessary prior permission of the competent authorities for drawl of necessary quantity of surface and ground water for the project.	There is no need for Drawl of Surface and ground water for the project activities.
60.	Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six-monthly reports to SEIAA.	No perennial nallah flows through the lease or exist around the Mine Lease.
61.	Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Occupational health surveillance will be undertaken periodically.

For Granite Building Stone Quarry of P.P.K Granites and Crusher



Mr. Nisarudeen

(Partner)

Date: 23.05.2024

PLANTATION



Garland Drain & SST POND



SIGN BOARDS



BOARDS WITH BLASTING TIME & DETAILS



WATER SPRINKLERS



SOLAR IMPLEMENTATION



PESO LICENSE



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

संख्या (No.): E/SC/KL/22/1098(E55834)

दिनांक (Date): 25/03/2021

सेवा में | To,

26 MAR 2021

✓ **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 Ambalappur-2, Ottapalam taluk, जिला PALAKKAD, राज्य Kerala में मेसर्स **Shri. GEORGE JOSEPH** द्वारा विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/1098(E55834) के संशोधन संदर्भ में।
(विस्फोटक की मात्रा / मासिक खरीद सीमा में परिवर्तन)

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

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या Nil दिनांक 10/03/2021 का संदर्भ ग्रहण करें।
Please refer to your letter no. Nil dated 10/03/2021.

अनुज्ञप्ति संख्या E/SC/KL/22/1098(E55834) **EXPLOSIVES SHALL BE USED ONLY AFTER HAVING A VALID QUARRYING LEASE FROM THE DIRECTOR OF MINING & GEOLOGY . PLEASE NOTE THAT THE USE OF EXPLOSIVES IN THE QUARRIES SHALL BE AS PER THE DIRECTION OF DGMS, BANGALORE AS REQUIRED UNDER MINES ACT 1952 AND METALIFEROUS MINES REGULATIONS 1961.** के संदर्भ में यथा संशोधित कर भेजी जा रही है।

The Licence No.: E/SC/KL/22/1098(E55834) is forwarded herewith duly amended in respect of followings ;
EXPLOSIVES SHALL BE USED ONLY AFTER HAVING A VALID QUARRYING LEASE FROM THE DIRECTOR OF MINING & GEOLOGY . PLEASE NOTE THAT THE USE OF EXPLOSIVES IN THE QUARRIES SHALL BE AS PER THE DIRECTION OF DGMS, BANGALORE AS REQUIRED UNDER MINES ACT 1952 AND METALIFEROUS MINES REGULATIONS 1961..

किसी भी एक समय में लाइसेंस क्षमता निम्नलिखित वर्ग तथा मात्रा से अधिक नहीं होगी।

The licence capacity at any one time shall not exceed the kinds and quantities mentioned below ;

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

किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा (अनुच्छेद 3 (ख) और (ग) के अधीन अनुज्ञप्ति के लिए लागू) :
30 गुना

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

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

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

भवदीय | Your's faithfully,

(आर.वेणुगोपाल | Dr. R.Venugopal)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची | Ernakulam

उप मुख्य विस्फोटक नियंत्रक
Deputy Chief Controller of Explosives
एरनाकुलम Ernakulam

प्रांतोलोपे प्रेषित | Copy Forwarded to:

1. District Magistrate, PALAKKAD, Kerala with reference to his Noc No: D3.2008/53540/D.Dis Dated:
08/06/2010
2. Superintendent of Police, PALAKKAD, Kerala.

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

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

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

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

अनुज्ञापि सं. (Licence No.) : E/SC/KL/22/1098(E55834)
वार्षिक फीस रुपए (Annual Fee Rs): 2400/-

1. Licence is hereby granted to

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



को अनुज्ञापि अनुदत्त की जाती है।

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

3. अनुज्ञापि निम्नलिखित प्रयोजनों के लिए विधिमार्ग है।
Licence is valid only for the following purpose.

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

4. अनुज्ञापि विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमार्ग है।
Licence is valid for the following kinds and quantity of explosives: -- (क) (a)

क्र. सं.	नाम और विवरण	वर्ग और प्रभाग	उप-प्रभाग	मात्रा किसी एक समय में
Sr. No.	Name and Description	Class & Division	Sub-division	Quantity at any one time
1.	Nitrate Mixture	2.0	0	150 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 कैलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा | अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञापि के लिए।

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

30 times as above.

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञापि परिसर की पुष्टि होती है।
The licensed premises shall conform to the following drawing(s) :

रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1098(E55834)
दिनांक (Dated) 02/02/2023

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

Survey No. 26/2, ग्राम (Town/Village) : **Ambalappara-2, Ottappalam taluk**
पुलिस थाना (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. अनुज्ञापि परिसर में निम्नलिखित सुविधाएं अंतर्भूत हैं।
The licensed premises consist of following facilities.

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

8. अनुज्ञापि 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, 2004 framed there under and the conditions, additional conditions and the following Annexures.

- उपयुक्त 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.
- अनुज्ञापि प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञापि की शर्तें और अतिरिक्त शर्तें।
Conditions and Additional Conditions of this licence signed by the licensing authority.
- दूरी प्ररूप DE-2 | Distance Form DE-2.

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

यह अनुज्ञापि, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपबर्णित इस अनुज्ञापि की शर्तों का अधिक्रमण करने या यदि अनुज्ञापि परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिबंधित की जा सकती है, जहां वह लागू हो।
This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

तारीख | The Date - 01/10/2010

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

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 06/04/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 21/01/2021
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 25/03/2021
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 02/02/2023

Transfers :

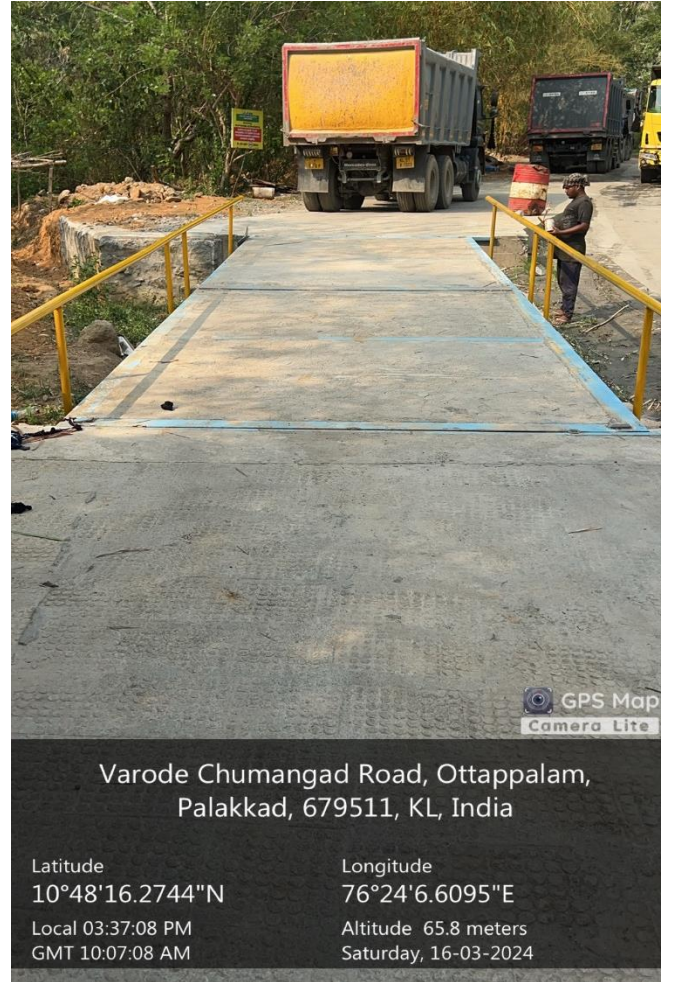
- Change in Licensee Name/Address/Status dated : 17/09/2012
- Change in Licensee Name/Address/Status dated : 03/08/2022

नवीनीकरण के पृष्ठांकन के लिए स्थान
Space for Endorsement of Renewal

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

कानूनी चेतावनी : विस्फोटकों को गलत ढंग से चलाने या उनका दुरुपयोग विधि के अधीन गंभीर दंडित अपराध होगा।
Statutory Warning : Mishandling and misuse of explosives shall constitute serious criminal offence under the law.

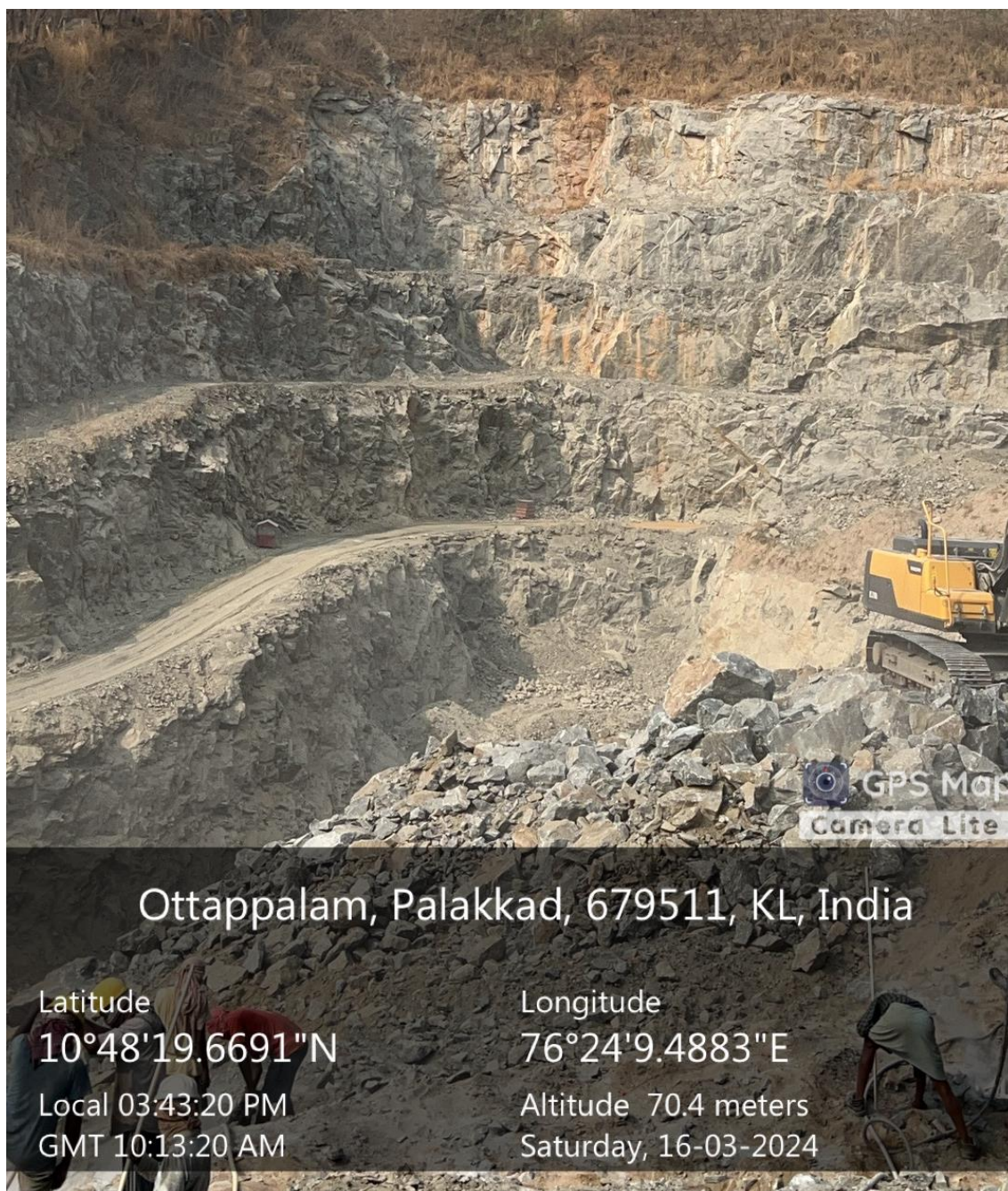
ACCESS ROAD



OB DUMP



WIDTH & HEIGHT OF THE BENCHES



ENVIRONMENT CLEARANCE BORD



MONITORING PHOTOS



MONITORING REPORTS



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Ph : +918394 229433, 295018

e-mail : gems_hpt@yahoo.com,

Website : www.globalmining.in

GEMS-LD/TF/11/01

Date: 26.02.2024

Analysis Report of Ambient Air Quality Monitoring

- Granite Building Stone Quarry of
M/s PPK Granites and Crusher Products Private Limited.
- 1 Name of the Customer/Address : Extent: 2.4374 Ha.
Re Sy. No., 135/pt, Ambalappara-II Village,
Otappalam Taluk, Palakkad District, Kerala State
- 2 Sample Description : Ambient Air Quality Monitoring
- 3 Sample Collected By : GLOBAL Environment & Mining Services
- 4 Particulars of Sample Collected : Combined Sampler (GTI-241)
- 5 Duration of the Monitoring : 24 Hour of Sampling
- 6 Location of Monitoring : **Core zone area (A1)**
- 11 Report Number : ULR-TCS32324000001639F

Results

Date of Monitoring	PM10 [$\mu\text{g}/\text{m}^3$]	PM2.5 [$\mu\text{g}/\text{m}^3$]	SO ₂ [$\mu\text{g}/\text{m}^3$]	NO ₂ [$\mu\text{g}/\text{m}^3$]
	IS : 5182: (Part 23) 2006 (RA 2012)	USEPA 2001	IS : 5182: (Part 2) 2001 (RF 2014)	IS : 5182: (Part 6) 2006 (RF 2014)
21.02.2024	58.7	23.1	13.6	12.0
Standard	100	60	80	80

INFERENCE

As per CPCB Standards,
Report Status: - Measured Values for the above parameters are within the limit.

****End of Report****

J.M. Thippeswamy

Analyzed By
J.M. Thippeswamy
Chemist



K. Ramakrishna Reddy

Authorized Signatory
K. Ramakrishna Reddy
Technical Manager

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

Note:

- The result listed refers only to the tested samples & applicable parameters. Endorsement of products is neither inferred nor implied.
- Water Samples will be destroyed after 15 Days, Minerals 3 Months, Filter papers & Thimbles 7 Days and ILC samples from the date of issue of Month test certificate unless otherwise specified.
- This report is not to be reproduced wholly or in part & cannot be used as evidence in the Court of law & should not use any advertising media without special permission in writing.
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GEMS-LD/TF/11/01

Date: 26.02.2024

Analysis Report of Ambient Air Quality Monitoring

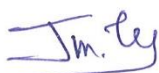
- Granite Building Stone Quarry of
M/s PPK Granites and Crusher Products Private Limited.
- 1 Name of the Customer/Address : Extent: 2.4374 Ha.
Re Sy. No., 135/pt, Ambalappara-II Village,
Otappalam Taluk, Palakkad District, Kerala State
 - 2 Sample Description : **Ambient Air Quality Monitoring**
 - 3 Sample Collected By : GLOBAL Environment & Mining Services
 - 4 Particulars of Sample Collected : Combined Sampler (GTI-241)
 - 5 Duration of the Monitoring : 24 Hour of Sampling
 - 6 Name of the Station : **Murugumpetta**
 - 7 Report Number : ULR-TC532324000001640F


Results

Date of Monitoring	PM10 [$\mu\text{g}/\text{m}^3$]	PM2.5 [$\mu\text{g}/\text{m}^3$]	SO ₂ [$\mu\text{g}/\text{m}^3$]	NO ₂ [$\mu\text{g}/\text{m}^3$]
	IS: 5182: (Part 23) 2006 (RA 2012)	USEPA 2001	IS: 5182: (Part 2) 2001 (RF 2014)	IS: 5182: (Part 6) 2006 (RF 2014)
22.02.2024	51.3	20.2	14.5	13.9
Standard	100	60	80	80

INFERENCE	As per CPCB Standards, Report Status: - Measured Values for the above parameters are within the limit.
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****End of Report****


Analysed By
 J.M. Thippeswamy
 Chemist


Authorized Signatory
 K. Ramakrishna Reddy
 Technical Manager



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e-mail : gems_hpt@yahoo.com,

Website : www.globalmining.in

GEMS-LD/TF/11/01

Date: 26.02.2024

TEST REPORT OF AMBIENT NOISE LEVEL MONITORING

- Granite Building Stone Quarry of
M/s.P.P.K. Granites and Crusher Products Private Limited.
- 1 Name of the Customer/Address : Extent: 2.4374 Ha.
Re Sy. No., 135/pt, Ambalappara-II Village,
Otapalam Taluk, Palakkad District, Kerala State
- 2 Sample Description : **Ambient Noise Level monitoring**
- 3 Sample Collected By : GLOBAL Environment & Mining Services
- 4 Particulars of Sample Collected : Noise Level Meter (Equinox-107)
- 5 Duration of the Monitoring : 24 Hours Sampling
- 6 Date of Analysis Completion : 22.02.2024
- 7 Report No : ULR-TC532324000001641F

Results

Date	21.02.2024	22.02.2024
Name of the Location	Core Zone	Murugumpetta
Time (hrs)	N1	N2
6.00	40.1	37.0
7.00	41.0	39.6
8.00	42.8	41.2
9.00	47.1	44.9
10.00	54.4	51.2
11.00	58.5	54.1
12.00	56.8	50.9
13.00	55.6	48.5
14.00	53.2	49.6
15.00	54.4	50.7
16.00	56.5	52.6
17.00	57.9	57.5
18.00	53.4	47.8
19.00	51.4	47.2
20.00	45.3	46.1
21.00	43.8	45.2
22.00	39.6	41.8
23.00	38.1	38.3
00.00	37.6	36.1
01.00	38.6	35.1
02.00	36.8	33.9
03.00	34.9	35.6
04.00	35.4	36.2
05.00	36.9	37.0

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ULR-TC532324000001641F		
L max	58.5	57.5
L min	34.9	33.9
Ld	54.12	50.73
Ln	37.86	37.40
Leq	52.14	48.81

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

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



R.K.R.
Authorized Signatory
 Technical Manager

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e-mail : gems_hpt@yahoo.com,

Website : www.globalmining.in

GEMS-LD/TF/11/01

Date: 26.02.2024

ANALYSIS REPORT OF WATER QUALITY DATA

- Granite Building Stone Quarry of
M/s PPK Granites and Crusher Products Private Limited.
- 1 Name of the Customer/Address : Extent: 2.4374 Ha.
 Re Sy. No., 135/pt, Ambalappara-II Village,
 Otappalam Taluk, Palakkad District, Kerala State
- 2 Sample Collected By : GLOBAL Environment & Mining Services
- 5 Date of sample collection : 21.02.2024
- 6 Date of sample Received : 23.02.2024
- 7 Date of sample Analyzed : 24.02.2024
- 8 Report Number : ULR-TC532324000001642F

Sl. No.	Parameters	Unit	Result	Test Protocol	Requirement/Limit IS : 10500 : 2012	
					Acceptable	Permissible
1.	pH	-	7.02	APHA 22 nd Edition 2012 4500 B (Pg No. 4-92 to 4-96)	6.5	8.5
2.	Colour*	Hazen	<5	IS: 3025 (PART 14)- 1984, RA- 2012 Platinum cobalt Method	5	15
3.	Taste*	-	Ag	IS 3025 Part 8 1984	Ag	Ag
4.	Odour*	-	Ag	IS: 3025 (Part 5) – 1983, Ra-2012, True Odour	Ag	Ag
5.	Turbidity	NTU	1.43	APHA 22 nd Edition 2012 2130 B (Pg No. 2-14)	1	5
6.	Conductivity	µS/cm	178	APHA 22 nd Edition 2012 2510 B (Pg No. 2-54)	-	-
7.	Total Dissolved Solids	mg/L	184	APHA 22 nd Edition 2012 2540 B (Pg No. 2-65)	500	2000
8.	Total Alkalinity as CaCO ₃	mg/L	73	APHA 22 nd Edition 2320 B (Pg No. 2-35)	200	600
9.	Total Hardness as CaCO ₃	mg/L	150	APHA 22 nd Edition 2012 2340 C (Pg No. 2-46)	200	600
10.	Calcium as Ca	mg/L	46	APHA 22 nd Edition 2012 3500 Ca B (Pg No. 3-84)	75	200
11.	Magnesium as Mg	mg/L	39	APHA 22 nd Edition 2012 3500 B-Mg By Calculation	30	100
12.	Chloride as Cl	mg/L	20.4	APHA 22 nd Edition 2012 4500 Cl (Pg No. 4-72)	250	1000
13.	Sulphate as SO ₄	mg/L	37	APHA 22 nd Edition 2012 4500 SO ₄ – E (Pg No. 4-190)	200	400
14.	Nitrates as NO ₃	mg/L	10.3	APHA 23 rd Edition - 4500 NO ₃ – E (Pg No. 4-131 to 4-132)	45	NR
14.	Nitrate Nitrogen as NO ₃	mg/L	27	APHA 22 nd Edition 2012 4500 NO ₃ E (Pg No. 4-125 to 4-127)	45	No relaxation

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ULR-TC532324000001642F

15.	Fluoride as F	mg/L	0.56	APHA 23 rd Edition 2017 4500 F-D (Pg No. 4-90 to 4-91)	1.0	1.5
16.	Iron as Fe	mg/L	0.25	APHA 23 rd Edition – 3500 Fe-B (Pg No. 3-80 to 3-82)	0.3	NR
17.	Sodium as Na	mg/L	8.5	APHA 23 rd Edition 2017 Na 3500 B (Pg No. 3-99 to 3-100)	-	-
18.	Potassium as K	mg/L	0.54	APHA 23 rd Edition 3500 K B (Pg No. 3-89 to 3-90)	-	-
19.	BOD 3 days at 27° C	mg/L	NIL	IS:3025 (P.44) – 1993, RA-2014,	-	-
20.	COD as O2	mg/L	NIL	APHA 23 rd Edition 5220 C (Pg No. 5-18 to 5-19)	-	-
21.	Oil & Grease	mg/L	NIL	APHA 23 rd Edition 5520 B (Pg No.5-41 to 5-42)	0.5	NR
22.	Cadmium as Cd*	mg/L	<0.001	APHA 23 rd Edition-3111 –B (Pg No.3-20 to 3-21)	0.003	NR
23.	Copper as Cu	mg/L	<0.001	APHA-23 rd Edition 3111-B (Pg No.3-20 to 3-21)	0.02	1.5
24.	Nickel as Ni	mg/L	<0.001	APHA-23 rd Edition-3111 –B (Pg No. 3-20 to 3-21)	0.02	NR
25.	Zinc as Zn	mg/L	<0.1	APHA-23 rd Edition-3111-B (Pg No. 3-20 to 3-21)	5	15
26.	Salinity*	PPT	NIL	APHA-23 rd Edition-3111-B (Pg No. 3-20 to 3-21)	-	-
27.	Total Phosphorous	mg/L	<0.01	APHA-23 rd Edition 4500-D (Pg No. 4-154)	-	-
28.	Total Coliforms*	MPN/ 100ml	Ab	APHA 22 nd Edition 9222 B (Pg No.9-78)	-	-
29.	Feecal Coliforms	MPN/ 100ml	Ab	APHA 22 nd Edition 9222 D (Pg No.9-85)	-	-
30.	Phyto Plankton*	Unit/L	Ab	APHA 23 rd Edition 10200 F (Pg No.10-17)	-	-

Note: BDL Below Detectable Limit

Ag: Agreeable

NR: No Relaxation

RA: reaffirmed

Ab: Absent

Location: Murugumpetta

End of report

Jm. ly
Analyzed By
Chemist



P. K. R.
Authorized Signatory
Technical Manager

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

Note:

- The result listed refers only to the tested samples & applicable parameters. Endorsement of products is neither inferred nor implied.
- Water Samples will be destroyed after 15 Days, Minerals 3 Months, Filter papers & Thimbles 7 Days and ILC samples from the date of issue of Month test certificate unless otherwise specified.
- This report is not to be reproduced wholly or in part & cannot be used as evidence in the Court of law & should not use any advertising media without special permission in writing.
- Total liability of our laboratory is limited to the Invoice amount. Any dispute arising out of this report is subject to Hosapete jurisdiction only.

KSPCB LICENSE**KERALA STATE POLLUTION CONTROL BOARD**

FILE NO. : PCB/PLKD/ICO/R3/R17PAL4959489/2023

Date of issue :07/04/2023

INTEGRATED CONSENT TO OPERATE - RENEWAL**Consent No : PCB/PLKD/ICO/R3/18410425/2023****Ref : Consent No : PCB/PLKD/ICO/R2/17346072/2022 Dated 04/03/2022 Valid Up to 20/04/2023.**

The 'Integrated Consent to Operate' issued as per reference above to M/s o M/s P P K GRANITE & CRUSHER PRODUCTS PVT. LTD. QUARRY,CHUNANGAD POST, AMBALAPARA OTTAPALAM, PALAKKAD - 679511 is hereby renewed up to 20/04/2025 and issued to M/s P P K GRANITE & CRUSHER PRODUCTS PVT. LTD. QUARRY,CHUNANGAD POST,AMBALAPARA OTTAPALAM,PALAKKAD - 679511

The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	VALIDITY	20/04/2025
2	LAST DATE FOR RENEWAL	20/02/2025
3	CAPITAL INVESTMENT (Rs. In Lakhs)	85.00
4	CATEGORY	RED
5	ANNUAL FEE (RS.)	22000/-
6	FEE REMITTED	66000/- (out of this 19800/- is excess and will be considered for further renewals or fresh CTO of the applicant)

II. Stack Details

Stack No.	Source of Emission	Emission Rate(Nm ³ /Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	

III. CONDITIONS

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: 2023.04.19 07:49:50 +05'30'

DATE :19/04/2023

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER



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

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