

ENVIRONMENT CLEARANCE COMPLIANCE REPORT (APRIL 2021- SEPTEMBER 2021)

For

***GRANITE BUILDING STONE QUARRY
(Minor Mineral)***

Extent: 4.5180 Ha

At

Re Sy No: 275/1A

Village: Tripangottur

Taluk: Thalassery

District: Kannur

State: Kerala

**Granite Building Stone Quarry of
Mr. Jovin George**

EC No. 170/2018 Dated 19-05-2018

Compliance report for the period of April2021-September2021

Mr. Jovin George

Compliance Status of the General Conditions for Mining Projects Laid down by the State Environment Impact Assessment Authority, Kerala vide their Environment Clearance No. 170/2018 dated: 19/05/2018.

SPECIFIC CONDITIONS

Sl. No	Condition	Status of Compliance
1	A Mines manager shall be appointed to control, direct, manage and supervise the Quarrying operations as required under the Mines Act, 1952.	Mines manager has been appointed to control, direct, manage and supervise the Quarrying operations 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 are implemented and ensured.
3	Controlled blasting should be practiced and blasting shall be done only during day time. The mitigation measures for control of ground vibrations to arrest the fly rocks and boulders should be implemented.	All precautionary measures are adopted while blasting operations are carried out. I. No secondary blasting like Pop Shooting or Plaster Shooting are undertaken for breaking down large boulders, to avoid Air Blast and Fly Rocks. Only rock breakers will be used for breaking down bigger boulders. II. Additional precaution of controlled blasting with sand bags and wire mesh/blasting pads are used so that there are no fly rocks from the blast
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 and non-mineralized area by planting suitable native species in consultation with local DFO/ Agriculture Department.	A green belt of a width of 7.5 mts has been made along the periphery of the Lease area by planting saplings in consultation with the local DFO/ Agriculture Department.
5.	The drains should be regularly de silted and maintained properly. Check dam and gully checks shall be constructed wherever required to arrest siltation. De siltation shall also be done every year before the onset of monsoon.	All civil structures made for arresting silt will be de-silted before onset of Monsoon.
6	Fencing must be maintained properly all around the lease area	Barbed wire Fencing is erected and maintained properly all around the lease area and well maintained.

7	The CSR should cover the felt needs of the locality with special emphasize for implementing ground water recharging techniques in and at the vicinity of the proposed site.	The CSR activities cover the felt needs of the locality with special emphasize for implementing ground water recharging techniques.
8	Appropriate sign board should be displayed.	Appropriate sign boards have been displayed at the site. (Photo of sign board is attached as (Annexure-3))
9	The blasting time must be displayed and strictly adhered to.	The blasting time is displayed in all the access road of the quarry
10	Dust suppression mechanism must be in place	Water tankers with sprinklers are used for dust suppression.
11	A separate small plot to be maintained in the premise to preserve rare and endemic species, if any, listed in the biodiversity assessment etc.	No rare and endemic species are present in the lease area.
12	The PPV values must be less than 10mm/sec.	The PPV value is maintained less than 10mm/sec. By following the controlled blasting techniques
13	The green belt shall be provided around the periphery	Green belt of 7.5 mts width has been provided along the periphery of the lease.
14	Where the height of the bench formed during earlier workings exceeds the maximum reach of the excavator engaged for the work, such bench height shall be reduced from top to bottom	Height of benches will be maintained as specified in the approved Mining Plan.
15	Loose or hanging rock or minerals boulder on the side wall shall be dressed down before engaging persons for work at the bottom of the bench.	Benches will be properly dressed by excavators and safety is ensured while employees are at the site.
16	Permanent boundary pillars should be fixed by the proponent before commencing the quarrying.	Permanent boundary pillars have been erected and maintained.
17	No Quarry blasting to be undertaken and sustained till warning time limit expires and/or when continuous 48 hours cumulative rainfall exceeds 8 cm and blasting shall not be resumed until 24 hrs of rain free situation arises in the quarry	Agreed.

	locality based on the evaluation by the revenue officials.	
18	All Waste dump and top soil dumps shall be properly stabilized by using coir mats or bio-Regeneration. Proper drainage system shall be provided so that water is properly diverted away from the dumps slopes with no disturbance to the stability of the slopes.	Coir mats are used to cover waste dumps. Proper drainage system are provided for diverting the water from dump slopes.
19	All the dump slopes shall be sufficient stabilized by using appropriate species mix of grass, Creepers, shrubs & Trees. This shall be done in consultation with the forest department and local reaserch institute and experts in stabilization of mine dumps.	All dump slopes are stabilized as specified by mix of grass, creepers, shrubs and trees
20	Garland drains of at least 2m width shall be provided all along 7.5 m buffer zone to divert water from entering the quarry slopes. The drains shall be cleaned every year before the monsoon season.	The drains are cleaned every year before the monsoon season and the garland drains width will be giving 2m and along with the buffer zone is 7.5m to divert water from entering the quarry slopes.
21	The water from the garland drainage shall be directed to the settling ponds. The clarified overflow from the silk settling ponds, shall be directed to a rain water harvesting (RWH) pond before releasing the clarified water to the natural watercourse.	The water from the garland drainage is directed to the settling ponds. The overflow from the silk settling ponds is directed to a rain water harvesting (RWH) pond. Only clear natural water is let out into the natural water course.
22	A retaining wall of stone rubble with wire mesh of sufficient width and strength (not less than 2m) shall be constructed to the bottom of the slope of the quarry lease area to arrest any likely roll of boulders during heavy rainfall.	Retaining Wall will be constructed.

GENERAL CONDITIONS OF HEALTH

Sl. No	Conditions	Status of compliance
1	First Aid kit provided in the work site. It shall be periodically maintained properly. Some labourers shall be trained on First Aid.	First Aid kit is provided in the work site and key personnel is trained to render first aid in case of emergencies.
2	Wholesome drinking water should be provided.	Wholesome potable drinking water is provided.
3	Premises should be maintained as wet to suppress the dust.	Adequate sprinklers are provided.
4	Sanitary type of latrines and urinals should be provided.	Sanitary type of latrines and urinals are provided.
5.	Resting place to be provided for workers	Resting place is provided to workers.

6	'No Smoking' board should be exhibited according to COTPA act.	'No Smoking' board has been exhibited.
7	Work should not be done in night.	Work will be done only during day time.
8	Details of nearest hospital, shortest route to hospital and contact no. etc. should be available	Details, shortest route and contact no. of the nearest hospital in made available.
9	Approach roads should be maintained properly.	Approach road is developed and well maintained.

GENERAL CONDITIONS

Sl No.	Condition	Compliance Status
1	Rainwater harvesting facility should be installed as per prevailing provisions of KMBR/KPBR, unless otherwise specified.	Rain water harvesting facility is done.
2	Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.	Environment monitoring cell is formed which 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.	Avenue plants will be planted along either side of tarred road and open parking areas.
4	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Solar Energy generation and utilization shall be adopted.
5	Sprinklers shall be installed and used in the Project Site to contain dust emissions.	Tankers having sprinklers are used in project site to control dust emission.
6	Eco-restoration, including the Mine Closure Plan shall be done at the own cost of the Project Proponent.	Agreed.
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.	Agreed.
8	Corporate Social Responsibility (CSR) agreed upon by the Proponent should be implemented.	CSR commitments are being carried out.
9	The Lease area shall be fenced off with barbed wires to a minimum height of 4 ft around, before starting of Mining. All the boundary indicators (boards, stores, markings, etc.) shall be protected at all times and shall be conspicuous.	Lease area is fenced off. Sign boards have been erected at prominent places.

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 alarm indicating the time of blasting is arranged as per the stipulations. Necessary precautions while blasting is taken. Blasting time and safety boards have been erected at all entrance to the mine.
11	Control measures on noise and vibrations prescribed by KSPCB should be implemented.	Noise and vibration control measures is implemented by adapting controlled blasting. 1. Use of sharp drilling bits, delivery of compressed air at optimal pressure. 2. Proper maintenance of compressor, drilling machine, jackhammers and tipper trucks. 3. 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 are limited to daytime
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. Only small diameter drill holes of 33/48mm diameter with 25 mm cartridge slurry/emulsion explosives are used for blasting, no large diameter holes are proposed for the blasting. With optimum blast design, effective blasting techniques with delay detonators and low charge per delay, care has been taken to limit the blast vibrations and the PPV below 10mm per second
14	A licensed person should supervise/control the Blasting Operations	Blasting supervision/control is done by a Mining Official having DGMS Certificate.
15	Access roads to the quarry shall be tarred to contain dust emission that may arise during the transportation of material	Access road to the Quarry is tarred to control dust emissions
16	Overburden materials should be managed within the site and used for reclamation of Mine Pit as per Mine closure Plan/specific conditions	Overburden material will be stacked very close to the site for future use of reclamation and green belt afforestation.
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	Agreed.

18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided	Mats are laid above the charged holes to reduce fly rocks. Controlled blasting techniques are adopted. PPV is kept to a minimum. Delay detonators will be used.
19	Maximum depth of mining and general ground level at site shall not exceed 10m	Agreed.
20	No mining operation should be carried out at place having a slope greater than 45	Agreed.
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.	Crusher unit is not installed within Mining Lease.
22	The workers on the site should be provided with the required protective equipment such as ear muffs helmet, etc.	Requisite Personal Protective equipment (PPE's) is provided to all employees.
23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Garland drain with clarifiers shall be provided in the lower slopes around the core area to channelize storm water.
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.	Local species saplings have been procured from the Forest dept. Kannur.
26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Spent oils are disposed as per relevant guidelines.
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 Explosive license attached as (Annexure- 4))
28	A minimum buffer distance of 100 M from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided.	No dwellings are situated within 100 M from the boundary of the quarry.
29	100 M buffer distance should be maintained from forest boundaries	Mining area is not located near any forest areas.
30	Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating mining activity.	Consent from KSPCB under Air and Water Act(s) is obtained.

31	All other statutory clearances should be obtained, as applicable, by project proponents from the respective competitive authorities including that for blasting and storage of explosives.	All required statutory clearances are obtained.
32	In the case of any change(s) in the scope of the Project, extent, quantity, process of mining technology involved or in any way affecting the environment parameters/impacts as assessed, based on which only the EC is issued, the project would require a 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 provisions of the Environment (Protection) Act,1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Agreed.
34	The stipulations by the Statutory Authorities under different Acts and Notifications should be complied with including the provisions of the Water (Prevention and control of Pollution) Act,1974, the Air (Prevention and control of Pollution) Act1981, the Environment (Protection) Act,1986, the Public Liability (Insurance) Act,1991 and EIA Notification,2006	Agreed (The Scanned copy of KSPCB consent letter is enclosed as Annexure- 06)
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	Advertisements are given in two newspapers.

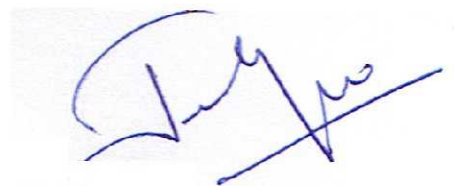
36	A copy of the clearance letter shall be sent by the proponent to the concerned Gram Panchayat/District Panchayat/Municipality/Corporation/Urban local Body and also to the Local NGO, if any from whom suggestions/representations, if any were received while processing the proposal. The Environmental Clearance shall also be put on the website of the company by the proponent.	A copy of the Clearance is submitted to the Municipality. (The Scanned copy of the panchayat license is attached as Annexure- 05)
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 reports are submitted as stipulated. (The monitoring Photos and reports are enclosed as Annexure- 1 & 2)
38	The details of Environment Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times Roman font of size not less than 40. Sign board with extent of Lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public	Details of Environmental Clearances is prominently displayed at the entrance to the Mine. (Photos of the sign boards are enclosed as Annexure-3)
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.	Notarized affidavit is Provided.
40	No change in mining technology and scope of working should be made without prior approval of the SEIAA. No further expansion or modifications in the mine shall be carried out without prior approval of the SEIAA, as applicable.	Prior approval from the SEIAA will be sought in case of change of mining technology.
41	The Project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.	No natural water course is obstructed. Necessary safeguard measures are taken to protect first order streams if originating from the mining lease in the future.

42	Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places loading and unloading points & transfer point to reduce fugitive emissions.	Monitoring of Ambient Air Quality is carried out. (The monitoring Photos and reports are enclosed as Annexure- 1 & 2) Water sprinkling is done at all appropriate places to reduce fugitive emissions.
43	The top soil, if any, shall be temporarily be stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The Over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8 m and the width 20 m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo-textiles shall be undertaken for stabilization of the dump. The entire excavated area should continue until the vegetation becomes self-sustaining	Available top soil is used for Green belt for plantation. OB generated is stacked separately and is vegetated with locally available shrubs and grasses
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 drain and siltation ponds are made around the mining workings and OB dumps to prevent run off water and flow of sediments to the rain water harvesting pond and the water collected is utilized for watering the mine area, roads, green belt development, etc. The drains are 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 done on all necessary roads with water tankers.
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 using water tankers with sprinklers.
47	Measures should be taken for control of noise levels below 85 dB (A) in the work environment.	Adequate measures for noise control have been adopted.

48	A separate environmental management cell with suitable qualified personnel should be set up under the control of a senior executive, who will report directly to the head of the Organization.	An Environment Management Cell has been set up and made functional.
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.	Funds earmarked for environment protection measures and CSR will be made available.
50	The Regional Office of MOEF and CC located in Bangalore shall monitor compliance of the stipulated conditions. The Project authorities should extend full cooperation to the Officer(s) if the Regional Office by furnishing the requisite data/information/monitoring reports.	We will extend full cooperation to any officer(s) from the Regional Office during his/their visit. All available data will be provided.
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.	Factual and true data is submitted.
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 on 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 as not to intersect ground water.
58	All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution checking center. Washing of all vehicles shall be inside the Lease area	It is ensured that all transportation vehicles have 'PUC' Certificate issued by an authorized Pollution checking center.
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.	Agreed.
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	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 '**Mr. Jovin George**'



Mr. Jovin George'

Date: 09/10/2021

ANNEXURE-01







GLOBAL Environment & Mining Services

(Consulting Engineers, Mine designers, Geologist & Surveyors)
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HOSPET – 583201, Dist., Bellary (Karnataka)
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e-mail : gems_hpt@yahoo.com,
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GEMS-LD/TF/11/01
Date: 09.08.2021

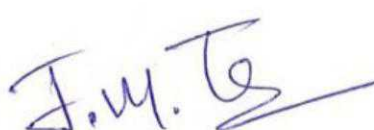
Analysis Report of Ambient Air Quality Monitoring

1	Name of the Customer/Address	Granite Building Stone Quarry of 'Shri. Jovin George'
		: Extent: 4.5180 Ha.
		Sy No.275/1A, Tripangottur Village, Thalassery Taluk, Kannur District, Kerala Stat
2	Sample Description	: Ambient Air Quality Monitoring
3	Sample Collected by	: GLOBAL Environment & Mining Services
4	Duration of the Monitoring	: 24 Hour of Sampling
5	Location of Monitoring	: (A1) Core zone
6	Report No	: ULR-TC532321000000604F

Result

Si No.	Date	Parameters in $\mu\text{g}/\text{m}^3$				
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Lead in PM
1	04.08.2021	58.8	19.2	14.6	12.2	BDL
NAAQ Standards 2009		100	60	80	80	1.0

PM10 - IS 5182 (Part 23): 2006 (RA 2017)
PM2.5 - USEPA 2001
SO2 - IS 5182 (Part 2): 2001 (RA 2017) BDL (<3.0)
NO2 - IS 5182 (Part 6): 2006 (RA 2017) BDL (<5.0)
Lead - IS 5182 (Part 22): 2004 (RA 2014)
BDL - Below Detectable Limit.


Analyzed By
J.M. Thippeswamy
Chemist


Authorized Signatory
K. Ramakrishna Reddy
Technical Manager

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

Note:

- 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 15Days, 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.



GEMS

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e-mail : gems_hpt@yahoo.com,

Website : www.globalmining.in

GEMS-LD/TF/11/01

Date: 09.08.2021

Analysis Report of Ambient Air Quality Monitoring

1	Name of the Customer/Address	:	Granite Building Stone Quarry of 'Shri. Jovin George' Extent: 4.5180 Ha. Sy No.275/1A, Tripangottur Village, Thalassery Taluk, Kannur District, Kerala State.
2	Sample Description	:	Ambient Air Quality Monitoring
3	Sample Collected By	:	GLOBAL Environment & Mining Services
4	Duration of the Monitoring	:	24 Hour of Sampling
5	Location of Monitoring	:	(A2) Buffer zone
6	Report No	:	ULR-TC532321000000605F

Result

Sl No.	Date	Parameters in $\mu\text{g}/\text{m}^3$				
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Lead in PM
1	05.08.2021	50.6	16.8	12.8	10.2	BDL
NAAQ Standards 2009		100	60	80	80	1.0

PM₁₀ - IS 5182 (Part 23): 2006 (RA 2017)**PM_{2.5}** - USEPA 2001**SO₂** - IS 5182 (Part 2): 2001 (RA 2017) BDL (<3.0)**NO₂** - IS 5182 (Part 6): 2006 (RA 2017) BDL (<5.0)**Lead** - IS 5182 (Part 22): 2004 (RA 2014)**BDL** - Below Detectable Limit.

Analyzed By
J.M. Thippeswamy
Chemist



Authorized Signatory
K. Ramkrishna Reddy
Technical Manager

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

Note:

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Website : www.globalmining.in

GEMS-LD/TF/11/01

Date: 09.08.2021

TEST REPORT OF AMBIENT NOISE LEVEL MONITORING

1	Name of the Customer/Address	:	Granite Building Stone Quarry of 'Shri. Jovin George' Extent: 4.5180 Ha. Sy No.275/1A, Tripangottur Village, Thalassery Taluk, Kannur 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	:	05.08.2021
7	Report No	:	ULR-TC53232100000606F

Result

Date	04.08.2021	05.08.2021
Name of the Location	Core Zone	Buffer zone
Time (hrs)	N1	N2
6.00	41.6	41.5
7.00	44.2	42.2
8.00	46.6	44.4
9.00	50.2	51.6
10.00	52.4	52.4
11.00	54.6	53.8
12.00	56.6	50.2
13.00	60.2	52.4
14.00	58.2	53.8
15.00	56.4	50.2
16.00	54.2	52.4
17.00	52.8	49.2
18.00	53.6	49.6
19.00	48.2	48.4
20.00	46.8	50.2
21.00	44.4	49.2
22.00	38.2	47.4
23.00	36.8	44.6
00.00	36.6	42.8
01.00	34.8	41.8
02.00	34.4	40.6
03.00	33.6	38.8
04.00	32.2	40.2
05.00	32.6	40.4

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GLOBAL Environment & Mining Services

(Consulting Engineers, Mine designers, Geologist & Surveyors)

3rd Main Road, Basaveswara Badavane,

HOSPET – 583201, Dist., Bellary (Karnataka)

Ph : +91 8394 229433 & 295018

e-mail : gems_hpt@yahoo.com,

Website : www.globalmining.in

ULR-TC532321000000606F		
L max	60.2	52.4
L min	32.2	38.8
Ld	54.31	50.69
Ln	37.86	44.29
Ldn	52.8	52.4

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.	



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ULR-TC532321000000607F

15.	Fluoride as F	mg/L	0.62	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	0.50	APHA 23 rd Edition – 3500 Fe-B (Pg No. 3-80 to 3-82)	0.3	NR
17.	Sodium as Na	mg/L	6.69	APHA 23 rd Edition 2017 Na 3500 B (Pg No. 3-99 to 3-100)	-	-
18.	Potassium as K	mg/L	0.78	APHA 23 rd Edition 3500 K B (Pg No. 3-89 to 3-90)	-	-
19.	BOD 3 days at 27° C	mg/L	NIL	IS:3025 (P.44) – 1993 , RA-2014,	-	-
20.	COD as O2	mg/L	NIL	APHA 23 rd Edition 5220 C (Pg No. 5-18 to 5-19)	-	-
21.	Oil & Grease	mg/L	NIL	APHA 23 rd Edition 5520 B (Pg No.5-41 to 5-42)	0.5	NR
22.	Cadmium as Cd*	mg/L	<0.001	APHA 23 rd Edition-3111 –B (Pg No.3-20 to 3-21)	0.003	NR
23.	Copper as Cu	mg/L	<0.001	APHA-23 rd Edition 3111-B (Pg No.3-20 to 3-21)	0.02	1.5
24.	Nickel as Ni	mg/L	<0.001	APHA-23 rd Edition-3111 –B (Pg No. 3-20 to 3-21)	0.02	NR
25.	Zinc as Zn	mg/L	<0.1	APHA-23 rd Edition-3111-B (Pg No. 3-20 to 3-21)	5	15
26.	Salinity*	PPT	NIL	APHA-23 rd Edition-3111-B (Pg No. 3-20 to 3-21)	-	-
27.	Total Phosphorous	mg/L	<0.01	APHA-23 rd Edition 4500-D (Pg No. 4-154)	-	-
28.	Total Coliforms*	MPN/ 100ml	Ab	APHA 22 nd Edition 9222 B (Pg No.9-78)	-	-
29.	Faecal Coliforms	MPN/ 100ml	Ab	APHA 22 nd Edition 9222 D (Pg No.9-85)	-	-
30.	Phyto Plankton*	Unit/L	Ab	APHA 23 rd Edition 10200 F (Pg No.10-17)	-	-

Note: BDL Below Detectable Limit

Ag: Agreeable

NR: No Relaxation

RA: reaffirmed

Ab: Absent

****End of report****

Analyzed By
Chemist



Authorized Signatory
Technical Manager

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GEMS

NABL
Accredited**GLOBAL Environment & Mining Services**

(Consulting Engineers, Mine designers, Geologist & Surveyors)

3rd Main Road, Basaveswara Badavane,

HOSPET – 583201, Dist., Bellary (Karnataka)

Ph : +91 8394 229433 & 295018

e-mail : gems_hpt@yahoo.com,

Website : www.globalmining.in

GEMS-LD/TF/11/01

Date: 09.08.2021

ANALYSIS REPORT OF WATER QUALITY DATA

1	Name of the Customer/Address	:	Granite Building Stone Quarry of 'Shri. Jovin George' Extent: 4.5180 Ha. Sy No.275/1A, Tripangottur Village, Thalassery Taluk, Kannur District, Kerala State.
2	Sample Collected By	:	GLOBAL Environment & Mining Services
3	Sampling Method	:	Grab Sample
4	Date of sample collection	:	04.08.2021
5	Date of sample Received	:	07.08.2021
6	Date of sample Analyzed	:	07.08.2021
7	Report Number	:	ULR-TC532321000000607F

Result

Sl. No.	Parameters	Unit	Result	Test Protocol	Requirement/Limit IS : 10500 : 2012	
					Acceptable	Permissible
1.	pH	-	6.8	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	1.48	APHA 22 nd Edition 2012 2130 B (Pg No. 2-14)	1	5
6.	Conductivity	µS/cm	168	APHA 22 nd Edition 2012 2510 B (Pg No. 2-54)	-	-
7.	Total Dissolved Solids	mg/L	189	APHA 22 nd Edition 2012 2540 B (Pg No. 2-65)	500	2000
8.	Total Alkalinity as CaCO ₃	mg/L	58	APHA 22 nd Edition 2320 B (Pg No. 2-35)	200	600
9.	Total Hardness as CaCO ₃	mg/L	156	APHA 22 nd Edition 2012 2340 C (Pg No. 2-46)	200	600
10.	Calcium as Ca	mg/L	52	APHA 22 nd Edition 2012 3500 Ca B (Pg No. 3-84)	75	200
11.	Magnesium as Mg	mg/L	7.6	APHA 22 nd Edition 2012 3500 B-Mg By Calculation	30	100
12.	Chloride as Cl	mg/L	18.2	APHA 22 nd Edition 2012 4500 Cl (Pg No. 4-72)	250	1000
13.	Sulphate as SO ₄	mg/L	122	APHA 22 nd Edition 2012 4500 SO ₄ – E (Pg No. 4-190)	200	400
14.	Nitrates as NO ₃	mg/L	7.2	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	24	APHA 22 nd Edition 2012 4500 NO ₃ E (Pg No. 4-125 to 4-127)	45	No relaxation

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

संख्या (No.): E/SE/KL/22/18(E85231)

दिनांक (Date): 07/02/2019

सेवा में | To,

JOVIN GEORGE,

Madathinamattathil House, Palisseri, Thalassery P.O., Thalassery, Kannur, Town/Village - Palisseri
District-KANNUR, State-Kerala, Pincode - 670101

8 FEB 2019

विषय : Survey No.275/1A, ग्राम Tripangottur, जिला KANNUR, राज्य Kerala में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु
विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SE/KL/22/18(E85231) के नवीनीकरण संदर्भ में।

Subject: Possession for Use of of Explosives from magazine situated at Survey No.:275/1A, Tripangottur, Dist. KANNUR, Kerala -Licence
No.: E/SE/KL/22/18(E85231) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या Nil दिनांक 30/01/2019 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्रारूप 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: 30/01/2019, 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.

- प्रारूप आरई-1 में विधिवत पूर्ण 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 जाए (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 त्रैमासिक विवरणी हर तिमाही के अंत में आरई-7 में प्रस्तुत की जाए। 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 700/- की राशि शेष है जो इस संदर्भ को उद्धृत करते हुए भविष्य के संचयवहार में समायोजित की जा सकती है।

An amount of Rs. 700/- 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

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

प्रतिलिपि प्रेषित | Copy Forwarded to:

1. जिला मजिस्ट्रेट (District Magistrate), KANNUR (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)

प्रयोग 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/SE/KL/22/18(E85231)

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



1. Licence is hereby granted to

JOVIN GEORGE (अधिभोगी / Occupier : JOVIN GEORGE), Madathinamattathil House, Palisseri, Thalassery P.O., Thalassery, Kannur, Town/Village - Palisseri, District-KANNUR, State-Kerala, Pincode - 670101

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 and/or Ordinary Detonators**, - 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	125 Kg.
2.	Safety Fuse	6,1	0	2000 Mtrs
3.	Electric and/or Ordinary Detonators	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]

25 times
as above.

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

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

रेखाचित्र क्र. (Drawing No.) E/SE/KL/22/18(E85231)
दिनांक (Dated) 05/03/2015

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

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

Survey No. 275/1A, ग्राम (Town/Village) : **Tripangottur**

पुलिस थाना (Police Station) : **Kolavalloor**

जिला (District)

KANNUR

राज्य (State)

Kerala

पिनकोड (Pincode)

670693

दूरभाष (Phone)

9447485245

ई. मेल (E-Mail)

फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

: **Two cemented magazines**

The licensed premises consist of following facilities.

8. अनुज्ञप्ति समय - समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबद्धों 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 2019 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March.
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 प्रतिसंकेत 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 - 05/03/2015

उप मुख्य विस्फोटक नियंत्रक | Dy. Chief Controller of Explosives
Ernakulam

Sd/

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 15/03/2016
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 15/01/2018
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 08/08/2018
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 23/10/2018

Transfers :

- Change in Licensee Name/Address/Status dated : 10/07/2017

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
07/02/2019	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 दंडित अपराध होगा।
Statutory Warning : Mishandling and misuse of explosives shall constitute serious criminal offence under the law.

* Validity of licence extended upto 31/03/2026 as per order no: B3-3935/21
Secretary, Thriprangottur Grama Panchayat

		T. P. MUSTHAFA Secretary Triprangottoor Grama Panchayat Kallikkandy P. O.	
നമ്പർ: 103/2021-2022/A-3/B3-1211/21		തീയതി: 12/04/2021	
തൃപ്രങ്ങോട്ടൂർ ഗ്രാമപഞ്ചായത്ത് കല്ലിക്കണ്ടി പി.ഒ., കണ്ണൂർ (ജില്ല) പിൻ: 670693, ഫോൺ: 0490-2462034, ഇ-മെയിൽ : triprangottoorgp@gmail.com			
വ്യവസായം, വാണിജ്യം, സംരക്ഷണം, മറ്റ് സേവനങ്ങൾക്കുള്ള ലൈസൻസ് (കെ.പി.ആർ ആക്ട് സെക്ഷൻ 232, FACTEOS ലൈസൻസ് ചട്ടങ്ങൾ 1996)			
ലൈസൻസിയുടെ പേര്	ജോവിൻ ജോർജ്ജ്		
ലൈസൻസിയുടെ മേൽവിലാസം	മംത്തിനാമറ്റത്തിൽ ഹൗസ്, പാലിശ്ശേരി, തലശ്ശേരി		
സ്ഥാപനത്തിന്റെ പേരും, സ്ഥലനാമവും	കാറി		
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	കരിങ്കൽ ഖനനം നടത്തുന്നതിന്		
വാർഡ് നമ്പർ/കെട്ടിട നമ്പർ	II/റിസ്.275/1A		
ലൈസൻസ് കാലാവധി	01/04/2021 മുതൽ 31/03/2022 വരെ *		
ലൈസൻസ് ഫീസ് മോട്ടോർ ഫീസ് തൊഴിൽ നികുതി	തുക	രസീത് നമ്പർ	തീയതി
	5000 /- രൂപ	120010106567	27/03/2021
		120010106567	27/03/2021
ലൈസൻസ് അനുവദിക്കുന്നതിന് ഹാജരാക്കിയ നിരാക്ഷേപ പത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാര സ്ഥാപനം)	2500 /- രൂപ	120010106568	27/03/2021
	1. PCB യുടെ 08/05/2020 ലെ PCB/KNR/ICO-R/488/2020 നമ്പർ നിരാക്ഷേപ പത്രം, (VALIDITY 30/04/2025), PCB യുടെ 19/06/2018 ലെ PCB/KNR/ICO-R/360/17 നമ്പർ നിരാക്ഷേപ പത്രം. (VALIDITY 30/04/2023) 2. Department of Mining and Geology Kannur, Consent NO 367/2018-2019, 3326/M3/2018/DMG Dated 16/08/2018, Department of Mining and Geology Kannur, Consent NO 409/2017-18/8825/M3/2016/DMG Dated 04/10/2017 3. ചീഫ് കൺട്രോളർ ഓഫ് എക്സ്പ്ലോസീവ് ലൈസൻസ് (No. E/SC/KL/22/18(E85231) Renewed upto 31/03/2024),		



SECRETARY
 TRIPRANGOTTOOR GRAMA PANCHAYAT
 KALLIKKANDY P. O. KANNUR DIST.
 PIN: 670693

ലൈസൻസി താഴെ പറയുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു

1. കേരള പഞ്ചായത്ത് രാജ് ആക്ടും അതേക്കുറിച്ചുള്ള ചട്ടങ്ങളും ബൈലകളും അനുസരിച്ച് പ്രവർത്തിക്കേണ്ടതാകുന്നു.
2. തൊഴിൽ സ്ഥലവും അതിനുള്ള സാധനസാമഗ്രികളും പഞ്ചായത്ത് അധികാരികൾക്കോ/സെക്രട്ടറി അധികാരപ്പെടുത്തുന്ന മറ്റ് ഉദ്യോഗസ്ഥർക്കും പരിശോധിക്കുന്നതിന് ലൈസൻസി വേണ്ട സൗകര്യം നൽകേണ്ടതും അവർ ആവശ്യപ്പെട്ടാൽ ഈ ലൈസൻസ് കാണിക്കേണ്ടതുമാണ്.
3. ഏത് സ്ഥലത്തിന്റെ കാര്യത്തിൽ ലൈസൻസ് നൽകിയിരിക്കുന്നവോ ആ സ്ഥലത്ത് എല്ല്യാവരും കാണത്തക്ക വിധത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസൻസി തന്റെ പേരും ലൈസൻസിന്റെ നമ്പരും ഉദ്ദേശവും കാണിക്കുന്ന ഒരു അടയാളപ്പലക വച്ചിരിക്കേണ്ടതാണ്.
4. പഞ്ചായത്തിൽ നിന്നും അനുവാദം ലഭിച്ചശേഷമല്ലാതെ തൊഴിൽ സ്ഥലംമാറ്റാൻ പാടില്ലാത്തതും തൊഴിൽ നിർത്തുന്ന പക്ഷം വിവരം മുൻകൂട്ടി പഞ്ചായത്തിൽ അറിയിക്കേണ്ടതുമാകുന്നു.
5. തൊഴിൽ സ്ഥലവും പരിസരങ്ങളും വൃത്തിയായും സാംക്രമികരോഗാണുക്കൾ ഉണ്ടാകാത്ത വിധത്തിലും പൊതുജന ഉപദ്രവം ആകാത്ത വിധത്തിലും വ്യാപാരത്തിന് വെച്ചിട്ടുള്ള ഭക്ഷണപദാർത്ഥങ്ങൾ ഈച്ച, അണക്കുളി, പൊടി മുതലായവയുടെ ശല്യം ഉണ്ടാകാതെ വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ്.
6. ഓരോ പ്രവൃത്തി ദിവസത്തിന്റെയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേണ്ടതാണ്.
7. ആ സ്ഥലത്തിന്റെ പരിസരത്തിന്റേയോ ഏതെങ്കിലും ഭാഗത്ത് വീഴുകയോ നിക്ഷേപിക്കുകയോ ചെയ്യുന്ന ചപ്പു ചവറോ മൃഗങ്ങളുടെ അവശിഷ്ടങ്ങളോ മറ്റ് പദാർത്ഥമോ ശേഖരിച്ച് സെക്രട്ടറിക്ക് തൃപ്തികരമായ രീതിയിൽ നീക്കം ചെയ്യേണ്ടതാണ്.
8. ലൈസൻസി ഏതൊരു കെട്ടിടത്തിന്റെയും ചുവരുകളുടെ അകവശത്തിന്റെ ഏതൊരു ഭാഗവും മേൽപ്പറഞ്ഞ പരിസരത്തിലുള്ള തറയും നടപ്പാതയും അവിടെ തെറിച്ച് വീഴാൻ ഇടയുള്ള ഏതെങ്കിലും ദ്രാവകമോ മാലിന്യമോ ചപ്പുചവറുകളോ അസഹ്യവും ഉപദ്രവകരമായ ഏതെങ്കിലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് തടയാൻ തക്കവിധം എപ്പോഴും നന്നായി കേടുപാട് തീർത്തു നിലനിർത്തേണ്ടതാണ്.
9. ലൈസൻസി മേൽ പറഞ്ഞ സ്ഥലത്തോ പരിസരത്തോ അതോട് ചേർന്നുള്ള ഏതൊരു ഓവുചാലുകളും അഴുക്കു ജലം കളയുന്നതിനുള്ള ഉപകരണവും എപ്പോഴും നന്നായി കേടുപാട് തീർത്ത വയ്ക്കേണ്ടതാണ്.
10. അയിത്തം ആചരിക്കുന്ന കടകളുടെ ലൈസൻസ് റദ്ദ് ചെയ്യുന്നതാണ്.
11. ഏതെങ്കിലും തരത്തിലുള്ള തപക് രോഗമോ ക്ഷുരോഗമോ വ്രണമോ പകർച്ചവ്യാധികളോ ഉള്ള യാതൊരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന സ്ഥലത്തും പരിസരത്തും പ്രവർത്തിക്കുവാൻ പാടില്ലാത്തതാകുന്നു.
12. 50 മൈക്രോണിൽ കുറവുള്ള പ്ലാസ്റ്റിക് കളും മറ്റ് നിരോധിത പ്ലാസ്റ്റിക് ഇനങ്ങളും ഉൽപാദിപ്പിക്കുകയോ ശേഖരിക്കുകയോ വിൽക്കുകയോ കൈകാര്യം ചെയ്യുകയും ചെയ്യാൻ പാടില്ല.
13. സ്ഥാപനത്തിന്റെ ബോർഡിൽ സ്ഥലനാമം മലയാളത്തിലും ഇംഗ്ലീഷിലും രേഖപ്പെടുത്തേണ്ടതാണ്.
14. നിലവിലുള്ള നിരാക്ഷേപ പത്രങ്ങളുടെ കാലാവധി അവസാനിക്കുന്ന മുറയ്ക്ക് പുതുക്കിയില്ലെങ്കിൽ ലൈസൻസ് റദ്ദാവുന്നതാണ്.
15. നിരോധിത ഉത്പന്നങ്ങളായ പാൻമസാല ഗുഡ്സ് തുടങ്ങിയവ സംഭരിച്ചു വയ്ക്കുവാനോ വിൽക്കുവാനോ പാടില്ല.
16. ബാലവേല അനുവദിക്കാൻ പാടില്ല.
17. സംസ്ഥാന സർക്കാരിന്റേയും ദുരന്ത നിവാരണ സമിതിയുടേയും ആതാത് സമയത്തുള്ള ഉത്തരവുകൾ പ്രകാരം ഖനനം നടത്തേണ്ടതാണ്. അനധികൃത ഖനനം നടക്കുകയാണെങ്കിൽ പ്രസ്തുത വിവരം പഞ്ചായത്തിനേയും ബന്ധപ്പെട്ട അധികാരികളേയും അറിയിക്കേണ്ട ഉത്തരവാദിത്വം ലൈസൻസ് ലഭ്യമായ ക്വാറട്ടർക്ക് ഉണ്ടായിരിക്കുന്നതാണ്.
18. മുകളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളുടെ ലംഘനം ഈ ലൈസൻസ് റദ്ദ് ചെയ്യപ്പെടുന്നതിന് കാരണമാകുന്നതാണ്.




 സെക്രട്ടറി
 KUPPAMOTTOOR GRAMA PANCHAYATH
 KOLLAM DISTRICT, PIN: 670693

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



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/KNR/ICE/1915/2014

Date of issue :2018-06-19

CONSENT VARIATION ORDER

Consent No : PCB/KNR/ICO-R/360/2017

Ref : 1. Consent No: PCB/KNR/ICO-R/360/2017 Dated 23/05/2017.

The ' Integrated Consent to Operate' issued as per reference above to M/s QUARRY OWNED BY JOVIN GEORGE,PATHIKAL, POYILOOR.P.O., KANNUR DT - 670693 is hereby modified & issued to M/s QUARRY OWNED BY JOVIN GEORGE,PATHIKAL, POYILOOR.P.O., KANNUR DT - 670693 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
1	1.16 ACTIVITY	Granite quarrying of 4.5180 Ha in RS 275/1A of Thrippangottur Village of Thalassery Thaluk
2	1.1 VALIDITY	30/04/2023
3	1.10 CATEGORY	RED
4	1.12 ANNUAL FEE	25000/-
5	1.13 TOTAL FEE REMITTED	125000/-

II. CONDITIONS

2.2 Application for renewal of consent shall be submitted before 28/02/2023.

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

DATE :19/06/2018

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER

