

**QUARRY PROJECT OF
M/S. V.K.M STONE CRUSHER
(MR. V. MOIDEEN, MANAGING PARTNER)**

RE-SURVEY NO. : 103/2
EXTENT : 1.5195 hectares
VILLAGE : KANNAMANGALAM
TALUK : TIRURANGADI
DISTRICT : MALAPPURAM
STATE : KERALA-676508

8th COMPLIANCE REPORT

Ref: EC. No: 27/2017 (File no: DEIAA/MAL/EC/029/2017) -

DATED: 01-12-2017

**FOR THE PERIOD FROM
APRIL 2021 TO SEPTEMBER 2021**

**GEC MINING & ENVIRONMENTAL SOLUTIONS PVT. LTD.
KALATHINGAL, TC 82/2565/1, CHIRAKKULAM ROAD, THIRUVANANTHAPURAM,
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EC 8th COMPLIANCE REPORT- QUARRY PROJECT OF M/S. V.K.M STONE CRUSHER (MR. V. MOIDEEN, MANAGING PARTNER), Ref: EC. No: 27/2017 (File no: DEIAA/MAL/EC/029/2017) -DATED: 01-12-2017, FOR THE PERIOD FROM APRIL 2021 TO SEPTEMBER 2021

1 message

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Thu, Feb 23, 2023 at 12:23 PM

To: rosz.bng-mefcc@gov.in, seacseiaakerala@gmail.com, vkmstonecrusher@gmail.com

EC 8th COMPLIANCE REPORT- QUARRY PROJECT OF M/S. V.K.M STONE CRUSHER (MR. V. MOIDEEN, MANAGING PARTNER), Ref: EC. No: 27/2017 (File no: DEIAA/MAL/EC/029/2017) -DATED: 01-12-2017, FOR THE PERIOD FROM APRIL 2021 TO SEPTEMBER 2021

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 **8th Compliance V.K.M Stone Crusher.pdf**
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M/S. V.K.M STONE CRUSHER

Cherur P.O, Kannamangalam, Vengara, Malappuram,Kerala

DATE:27-06-2021

To,

**The Additional principal chief Conservator of Forests©
Ministry of environment, Forests & Climate Change,
4th Floor, E&F Wing, Kendriya Sadan,
Koramangala, Bangalore – 560034.**

Ref: EC. No: 27/2017 (File no: DEIAA/MAL/EC/029/2017) dated: 01/12/2017

**Sub: Environmental Clearance- Quarry project at Survey No. 103/2 in
Kannamangalam Village, Tirurangadi Taluk, Malappuram District, Kerala.**

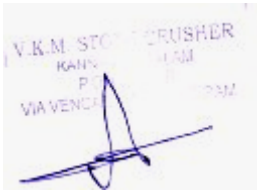
Respected Sir,

The quarry (Building Stone) Project was accorded Environmental Clearance for 1.1595 hectares, By Order No: EC No: 27/2017 (File no: DEIAA/MAL/EC/029/2017) dated: 01/12/2017 by District Environment Impact Assessment Authority, Malappuram. Compliance report to the specific and general conditions of the Environmental Clearance is enclosed herewith.

Thanking you

Yours respectfully,

M/s. V.K.M Stone Crusher



Mr. V.Moideen

(Managing partner& Authorized signatory)

Copy to:-

The Member Secretary

State Environment Impact assessment Authority (SEIAA)

Thiruvananthapuram, Kerala.

Encl: As Above.

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I. ABOUT THE PROPONENT

Mr. V. Moideen, Managing partner & Authorized signatory of M/s V.K.M Stone Crusher, Cherurp.o, Kannamangalam, Vengara, Malappuram district.

District Environment Impact Assessment authority (DEIAA) Malappuram accorded Environmental Clearance No: 27/2017 (File no: DEIAA/MAL/EC/029/2017) dated: 01-12/2017 to the quarry project in Kannamangalam Village, Thirurangadi Taluk, Malappuram District, Kerala State managed by Mr. V. Moideen.

II. ABOUT THE PROJECT

a. Project Category:

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

b. Project Location:

Re-Survey No. 103/2 in Kannamangalam Village, Thirurangadi Taluk, Malappuram District, Kerala -676508.

The proposed project site falls within latitude and longitude value:

Latitude (N)	N 11°5'58.83" to N 11°06'2.75"
Longitude (E)	E 75°59'52.99" to E 75°59'59.16"

c. Project Extent and Activity:

The project is for quarrying of 50,000TPA of building stone from an area of 1.1595 hectares of land located as specified above.

d. Project Description:

The project activity involves about 100 % of the pit area for exploring building stone. At the end of life of mine, excavated pit will be fully reclaimed and rehabilitated by plantation. The project does not involve any underground mining activities. The mining is done by open cast semi mechanized method. The expected life of mine is 12 years.

III. REPORT OF COMPLIANCE

A. SPECIFIC CONDITIONS

ITEM NO	STIPULATIONS IN EC	STATUS OF COMPLIANCE
S-1	The overburden shall be properly stacked and it shall not in any way obstruct the valley adjacent to the property.	Overburden is an inevitable byproduct of building stone quarry. This will be used to restore the exploited area in future.



S-2	Evergreen type of plants (Tamarind, gooseberry, "vaka") should be planted around the quarry and in buffer zone and adjacent area so as to compensate the number of tree fell during mining operation.	To enrich vegetation and prevent air pollution, the project proponent planted different avenue trees either side of the roads, parking area and other areas in the project land. There are natural vegetations including trees, shrubs, herbs and climbers also present.
S-3	Rainwater harvesting shall be practiced to reduce to groundwater consumption.	To collect rain water from the entire project land, the proponent has developed one rain water harvesting pond in the quarrying area. The storm water from all mining areas is properly channelized to this pond. It is situated in the lowest level of quarry area. The storm water flow is leading to the pond through natural drainage. The excess clear water is flowing to the public draining after proper filtration. Rain water is mainly used for gardening, wetting of roads, Washing of sand and splashing for contain dust emission.
S-4	CSR shall be spent at a rate of Rs.10 for production of very tonne of granite building stone in the quarry of the concerned local body, such as government institutions.	As part of inclusive growth of the community, the project proponent executes various activities under Corporate Social Responsibility of the firm with the consultation of Panchayath. The main activities were under the sectors of education, housing, health etc. ANNEXURE 6
S-5	Proper fencing shall be around the quarry area.	As part of demarcation and enhance safety, the project proponent has erected barbed metal wire fencing around the mining area with height of 5 ft. This will help to prevent falling of animals/human being/dumping of garbage etc.



S-6	The overburden and soil removed from the quarry shall be properly stacked in the nearby area.	Overburden is an inevitable byproduct of building stone quarry. This will be used to restore the exploited area in future.
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S-7	Preventive measures shall be taken to control soil erosion.	Vegetative cover is provided in topsoil to prevent soil erosion.
S-8	The trees cut and removed from the lease area shall be compensated during mine closure period.	The trees cut and removed from the lease area shall be compensated during mine closure period.
S-9	Fast growing plants must be grown along the buffer zone.	The eco restoration plan prepared by the project will be executed in a good manner. The project started to plant various saplings in and around the project site. The mine closure plan will be done at the own cost of project proponent as agreed in the proposal. Eco restoration affidavit is enclosed in ANNEXURE 1
S-10	Proper distance shall always be kept from the valley to the mining area.	A proper distance is kept from the valley to the mining area.
S-11	The soil, overburden or tailing shall always dump away from the valley.	Overburden and topsoil is kept in designated places and it will be used to restore the exploited area in future.
S-12	Garland drain method shall be adopted to avoid pollution in the stream.	The project proponent ensured that all storm water from the mining area flow in to the pond. The project has constructed storm water drains in the lower slopes of the project area for effective management of storm water. This helps to channelize the storm water to the rain water collection pond and the most of the debris are settling down at the bottom of the pond. The clarifiers will be installed soon.

S-13	Fast growing and evergreen type of plants shall be grown along the buffer zone and its surroundings.	The eco restoration plan prepared by the project will be executed in a good manner. The project started to plant various saplings in and around the project site. The mine closure plan will be done at the own cost of project proponent as agreed in the proposal. Eco restoration affidavit is enclosed in ANNEXURE 1
S-14	There shall be provision for harvesting the total amount of rain water in the entire quarry area with sufficient storage facility.	A rain water harvesting structure is under construction.
S-15	Blasting shall be limited to two times daily.	The blasting time is displayed in the sign board and all blasting happens in the specified timings in day time.



S-16	Controlled blasting techniques shall be adopted to avoid any danger from flying rocks to the nearby house.	To reduce fly rock and ground vibration, the blasting is done in controlled manner by using ordinary delayed detonators. All blasting activities are carried out with the stipulated guidelines of explosive department and other concerned agency.
S-17	Mines manager shall be appointed to control, direct, manage and supervise the quarrying operations as required under the Mines Act, 1952	The project proponent has appointed Mines Manager, Foreman and mining mates in the site to supervise/control exploitation of minor minerals including blasting at the project site.

S-18	A green belt shall be developed along with boundary of the lease area.	Vegetation around the mining area will help to reduce noise and air pollution. This helps the noise level kept within prescribed standards.
S-19	Evergreen type of trees must be planted to reduce the consequences of dust originating from it.	It shall be ensured that the directions contained are scrupulously followed. The project started to plant various saplings in and around the project site. The mine closure plan will be done at the own cost of project proponent as agreed in the proposal.
S-20	Garland drain must be provided to control water pollution during rainy seasons.	Garland drain helps to channelize the storm water to the rain water collection pond and the most of the debris are settling down at the bottom of the pond. The clarifiers will be installed soon. And the rain water harvesting structure is under construction.
S-21	Health and welfare measures for the persons employed shall be implemented.	Health and welfare measures for the persons employed are implemented. The project has provided adequate Personnel Protective Equipments (PPE) such as helmets, ear plugs, safety belts, gloves, etc. in order to ensure the safety of workers in working site,
S-22	Controlled blasting should be practiced and blasting shall be done only during day time.	Controlled blasting practiced and blasting is done only during day time. The blasting time is displayed in the sign board and all blasting happens in the specified timings.



S-23	The mitigative measures for control of ground vibrations to arrest the fly rocks and boulders should be implemented.	The project proponent is using blasting mat. The project is using ordinary/ electric delayed detonator for blasting therefore there is no incident of fly rock is happened in the community.
S-24	Plantation shall be done which includes a green belt of adequate width around the mining lease area excluding the rocky area, along roads, overburden dumps and non -mineralized area by planting suitable native species in consultation with the local DFO/Agriculture Department.	Plantations are done which includes a green belt of adequate width around the mining lease area excluding the rocky area, along roads, overburden dumps and non -mineralized area by planting suitable native species in consultation with the local DFO/Agriculture Department.
S-25	The drains should be regularly de-silted and maintained properly. Check dam and gully checks shall be constructed wherever required to arrest siltation. De-siltation shall also be done every year before the onset of monsoon.	The drains will be regularly de silted and maintained properly. Check darn and gully checks will be constructed wherever required to arrest siltation. De siltation will also be done every year before the onset of monsoon.
S-26	Fencing must be maintained properly all around the lease area.	As part of demarcation and enhance safety, the project proponent has erected barbed metal wire fencing around the mining area with height of 5 ft. This will help to prevent falling of animals/human being/ dumping of garbage etc.



S-27	Appropriate sign boards should be displayed. Alternative road must be constructed.	Appropriate sign boards are displayed. Alternative road are constructed.
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S-28	The blasting time must be displayed and strictly adhered to.	The blasting time is displayed and strictly adhered to.
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S-29	Dust suppression mechanism must be in place.	The emission of dust is a major adverse effect of a mining industry. To prevent dust emission, sprinklers are installed in the project site and in and around the crusher unit. This help to suppress dust during the time summer season. The monitoring of the air quality through a State Pollution Control Board accredited laboratory helps the project proponent to maintain the air quality within the permissible limit.
S-30	A separate small plot to be maintained in the premise to preserve rare and endemic species, if any, listed in the biodiversity assessment etc.	There is no rare or endemic species listed in the biodiversity assessment.
S-31	The PPV values must be less than 10mm/sec.	The project proponent is using blasting mat. The project is using ordinary/ electric delayed detonator for blasting therefore there is no incident of fly rock is happened in the community. The project is also assuring the maximum PPV is under 10 during the time of blasting.

S-32

Where the height of the bench formed during earlier workings exceeds the maximum reach of the excavator engaged for work, such bench height shall be reduced from top to bottom.

All mining activities are progressing under the supervision of qualified personals. To enhance safety and to make environment friendly quarrying, the excavation activity in the project is progressing by creating benches of 5m width x 5m height.



S-33	Loose or hanging rock or mineral boulder on the side wall is dressed down before engaging persons for work at the bottom of the bench.	Loose or hanging rock or mineral boulder on the side wall will be dressed down before engaging persons for work at the bottom of the bench.
S-34	Permanent boundary pillars should be fixed by the proponent before commencing quarrying.	Permanent boundary pillars should be fixed by the proponent before commencing quarrying.
S-35	The proponent should submit cluster certificate before commencing quarrying activities.	It is ensured that the cluster certificate is submitted before commencing quarrying activities.

B. GENERAL CONDITIONS OF HEALTH

1	First Aid Kit provided in the work site. It shall be periodically maintained properly. Some laborers shall be trained on First Aid.	First Aid Kit provided in the work site. It is periodically maintaining properly. Some laborers are also trained on First Aid application.
2	Wholesome drinking water should be provided.	Drinking water facility is provided in the site.
3	Premises should be maintained as wet suppress the dust.	The emission of dust is a major adverse effect of a mining industry. To prevent dust emission, tanker sprinkler is using in the project site. This help to suppress dust during the time summer season. The monitoring of the air quality through a State Pollution Control Board accredited laboratory helps the project proponent to maintain the air quality within the permissible limit.
4	Green belt should be maintained around the site.	To enrich vegetation and prevent air pollution, the project proponent planted different avenue trees either side of the roads, parking area and other areas in the project land. There are natural vegetations including trees, shrubs, herbs and climbers also present.
5	Sanitary type of latrines and urinals should be provided.	Latrines and urinals are provided.
6	Resting place should be provided for workers.	Resting place and canteen facility is provided for workers.
7	'No Smoking' board should be exhibited according to COTPA Act	'No Smoking' boards are placed.



8	Work should not be done in night.	Quarry operation time board is placed in the site.
9	Details of nearest hospital, Shortest route to hospital and contact no. etc. should be available.	Details of nearest hospital, Shortest route to hospital and contact no. etc. are displayed in the office.
10	Approach roads should be maintained properly and it should be paved with laterite / granite rubbles in order to increase infiltration of rain water to the ground.	One of the main sources of dust emission is roads. To reduce emission of dust, the access road from the entrance of project site to quarry is tarred. The project is spraying water on the road to arrest the dust during summer season. The project proponent is intending maintain access road to the quarry in good condition for dust emission and easiness of transportation of vehicles.



C. GENERAL CONDITIONS

Item No	STIPULATIONS IN EC	STATUS OF COMPLIANCE
G-1	Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified.	To collect rain water from the entire project land, the proponent has developed one rain water harvesting pond in the quarrying area. The storm water from all mining areas is properly channelized to this pond. It is situated in the lowest level of quarry area. The storm water flow is leading to the pond through natural drainage. The excess clear water is flowing to the public draining after proper filtration. Rain water is mainly used for gardening, wetting of roads, Washing of sand and splashing for contain dust emission.
G-2	Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.	The Environmental Monitoring Cell (EMC) was formed with Mr. V. Moideen (Managing partner & Authorized signatory) as head of the monitoring cell. The EMC meeting convenes regularly to evaluate and monitor quarrying work in connection with the specific and general conditions stipulated in the Environmental Clearance (EC) order. INDEX.IV.c

Sl. No.	Post	Name
1	Head of the monitoring cell	V. Moideen(Managing partner & Authorized signatory)
2	Head in charge (Environment)	Mr. Aboobacker
3	Senior Environmental Officer	Mr. Ummer
4	Environmental Officer	Mr. Hasainar
5	Name of the environmental officer in charge	Mr. Said alavi
6	Name of the officer Environment, Health and safety	Mr. Safeer Ali
7	Name of the Assistant Officer of Environment,Health and safety	Mr. Hasainar
8	Name of the environmental consultant	GEC Mining Solutions

G-3

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

To enrich vegetation and prevent air pollution, the project proponent planted different avenue trees either side of the roads, parking area and other areas in the project land. There are natural vegetations including trees, shrubs, herbs and climbers also present.





G-4	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Solar energy generation and utilization is being explored.
G-5	Sprinklers shall be installed and used in the project site to contain dust emissions.	The emission of dust is a major adverse effect of a mining industry. To prevent dust emission, tanker sprinkler is using in the project site. This help to suppress dust during the time summer season. The monitoring of the air quality through a State Pollution Control Board accredited laboratory helps the project proponent to maintain the air quality within the permissible limit.

G-6	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	The eco restoration plan prepared by the project will be executed in a good manner. The project started to plant various saplings in and around the project site. The mine closure plan will be done at the own cost of project proponent as agreed in the proposal. Eco restoration affidavit is enclosed in ANNEXURE 1.
G-7	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with indigenous plant species that are eco-friendly. If, no other specific condition on reclamation of pit is stipulated in the E.C	To conserve rain water, 10 percent of the excavated pit area will be retained as water storage area. This will help to improve the ground water table. It is proposed to develop a vegetative cover in the remaining area with indigenous plant species after reclamation of the mined area with stacked top soil and overburden.
G-8	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.	As part of inclusive growth of the community, the project proponent executes various activities under Corporate Social Responsibility of the firm with the consultation of Panchayath. The main activities were under the sectors of education, housing, health etc. ANNEXURE 6.
G-9	The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mining. All the boundary indicators (boards, stores, markings, etc.) shall be protected at all times and shall be conspicuous.	As part of ensuring safety and to prevent the falling of human beings & animals in to the mined out area, the project proponent has installed barbed metal wire fencing on the steep cutting in the project site.





G-10

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

The project proponent has installed warning alarms as per the stipulation of Explosive department in the quarry site. The timing of blasting in the quarry is in between 1.00 pm to 2.00 pm on all working days.



G-11	Control measures on noise and vibration prescribed by KSPCB should be implemented.	To reduce noise level in the project site, the project proponent has implemented mitigate masseurs. The major noise generating sources from the mining activity is working machineries, drilling, blasting and plying of vehicles.
G-12	Quarrying activities should be limited to day time as per KSPCB guidelines.	To reduce the inconvenience of community, the quarrying activities are limited to day time only as per KSPCB guidelines. The quarry working time is 6.00 am to 5.00 pm. This will help to limit the sound pollution. Quarry operation time board is placed in the site.



G-13	Blasting should be done in a controlled manner as specified by the regulation of explosives Department or any other concerned agency.	To reduce fly rock and ground vibration, the blasting is done in controlled manner by using ordinary delayed detonators. All blasting activities are carrying out with the stipulated guidelines of explosive department and other concerned agency. The blasting time is displayed in the sign board and all blasting happens in the specified timings. ANNEXURE 2
G-14	A licensed person should supervise/control the blasting operations.	The project proponent has appointed Mines Manager, Foreman and mining mates in the site to supervise/control exploitation of minor minerals including blasting at the project site.

G-15	Access roads to quarry shall be tarred to contain dust emissions that may arise during transportation of materials.	One of the main sources of dust emission is roads. To reduce emission of dust, the access road from the entrance of project site to quarry is tarred. The project is spraying water on the road to arrest the dust during summer season. The project proponent is intending maintain access road to the quarry in good condition for dust emission and easiness of transportation of vehicles.
G-16	Overburden materials should be managed within the site and used for reclamation of mine pit as per mine closure plan/ specific conditions.	Overburden is an inevitable byproduct of building stone quarry. There is no old quarry in the site for restoration. The overburden materials are stored within the site at designated place. This will be used to restore the exploited area in future.



G-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.	All mining activities are progressing under the supervision of qualified personals. To enhance safety and to make environment friendly quarrying, the excavation activity in the project is progressing by creating benches of 5m width x 5m height.
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G-18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	The project proponent is using blasting mat. The project is using ordinary/ electric delayed detonator for blasting therefore there is no incident of fly rock is happened in the community. The project is also assuring the maximum PPV is under 10 during the time of blasting.
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G-19	Maximum depth of mining from general ground level at site shall not exceed 10m.	Maximum depth of mining from general ground level at site will not exceed 10m.
G-20	Non mining operations should be carried out at places having a slope greater than 45°.	There is no area with a slope greater than 45° in the project site. Therefore it is not necessary to explore from the slopes greater than 45°.
G-21	Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.	There is no crusher unit near the quarry area. So there will be no air or sound pollution due to crusher unit happens. The project has provided ear plugs to the labors to reduce the impact of noise generation from the machines. Vegetation around the mining area will help to reduce noise and air pollution. This helps the noise level kept within prescribed standards. Labors to assure this, the project have monitored the noise level periodically by a NBEL accredited laboratory. The result is provided in ANNEXURE 7.



G-22	The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.	The project has provided adequate Personnel Protective Equipments (PPE) such as helmets, ear plugs, safety belts, gloves, etc. in order to ensure the safety of workers in working site.
G-23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	The project proponent ensured that all storm water from the mining area flow in to the pond. The project has constructed storm water drains in the lower slopes of the project area for effective management of storm water. This helps to channelize the storm water to the rain water collection pond and the most of the debris are settling down at the bottom of the pond. The clarifiers will be installed soon. The


		project is monitoring the quality of drinking water by a NABL accredited laboratory to assure that there is no pollution in the drinking water.
G-24	The transportation of minerals should be done in covered trucks to contain dust emissions.	To arrest the dust emission while transportation of materials, the project assures the trucks are covered before it leaving the project site.
G-25	The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.	As part of concurrent eco restoration, the project planted various saplings in the project area as a compensation of loss of trees while the project is clearing the land for mining.
G-26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Disposal of spent oil from diesel engines are specified under relevant Rules/Regulations.
G-27	Explosives should be stored in magazines in isolated place specified and approved by Explosive Department.	As per the stipulation of competent authority, the project has been storing the explosives in magazine. The magazine is situated in an isolated place specified and approved by the explosives department.



G-28	A Minimum buffer distance of 100 m from the boundary of the quarry to the nearest dwelling unit or other structure not being any facility for mining shall be provided.	A Minimum buffer distance of 100 m from the boundary of the quarry to the nearest dwelling unit or other structure, not being any facility for mining is provided.
G-29	100 m buffer distance should be maintained from forest boundaries	Statutory safe distance shall be maintained without fail.
G-30	Consent from Kerala State Pollution, Control Board under Water and Air (Acts) should have been obtained before initiating mining activity.	The Project has obtained certificate from Kerala State Pollution Control Board for operation. Consent number: PCB/CO/EXP/159/17, dated: 18/12/2017 valid up to 30/04/2022. The copy of certificate is provided in ANNEXURE 3.

G-31	All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.	<p>All statutory clearances, approvals, licenses are obtained from concerned authorities. All conditions stipulated in such approvals are strictly followed.</p> <ul style="list-style-type: none"> • D&O license issued by Kannamangalam Grama Panchayath vide license number B2-1017/2020-21-1, dated 01/04/2020 and validity from 01/04/2020 to 31/11/2022. ANNEXURE 4 • Petroleum and explosive safety organization (formerly dept. of explosives) license number E/SC/KL/22/301(E11744) dated 30/01/2019 valid up to 31/03/2024. ANNEXURE 2 <p>Quarrying lease order issued by the director of mining and geology</p>
G-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 environmental parameters/ impacts as assessed, based on which only the EC is issued. The projects would require a fresh appraisal by this authority, for which the proponent shall apply and get the approval of this Authority.	In case of any change(s) in the scope of the project, the proponent will apply for fresh appraisal to get the Environmental Clearance.
G-33	The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	To enhance the safety and eco friendly mining, if the authority instructs to add additional safeguard measures subsequently, the project will be complied with.
G-34	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with including the provisions of Water(Prevention and Control of Pollution)Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public	<p>The stipulated orders and directions under different act and notification including EIA notification will be scrupulously followed. A brief list of various Acts and notifications which are followed by the proponent is given below</p> <ul style="list-style-type: none"> • Kerala Minor Mineral Concession Rules, 1967.

	<p>Liability (Insurance) Act, 1991 and EIA Notification, 2006.</p>	<ul style="list-style-type: none"> • Mines Act, 1952 • Explosive Rules, 2008 • Kerala Panchayat Raj Act, 1994 • Central Ground Water Authority • Water Pollution (Prevention & Control) Act, 1974 • Air Pollution (Prevention & Control) Act, 1981 • Environment Protection Act, 1986 • EIA Notification, 2006 / 2009 • The Kerala Promotion of Tree Growth in Non-Forest Areas (Amendment) Act,2007. <p>Municipal Solid waste handling and management</p>
G-35	<p>The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the 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 pages should be forwarded to the office of this Authority as confirmation</p>	<p>An advertisement in two local newspapers regarding Environmental Clearance accorded to the quarry project was given within the stipulated period and the copy of the same was submitted at SEIAA Kerala. The copy attached in previous reports.</p>
G-36	<p>A copy of the clearance letter shall be sent by the proponent to concerned GramaPanchayat/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.</p>	<p>A copy of the Environment Clearance letter was submitted to the Panchayath Office. The project proponent did not receive any suggestions / representation from anywhere while the processing the proposal therefore does not give the copy of clearance latter to anyone. The project does not have a website and it will create a company website soon.</p>

G-37	<p>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 email) and upload the Status of compliance of the stipulated EC conditions, including results of monitored data on their website. It shall simultaneously be Sent to the respective Regional office of MoEF, Govt. of India and also to the State Environment Impact Assessment Authority (SEIAA) Office</p>	<p>The compliance report is being submitted to the Directorate of Environment and Climate Change, Govt. of Kerala and also to the Regional Office of MoEF & CC, Govt. of India both in hard copy as well as mail. The result of monitored data is provided in ANNEXURE 7.</p>
G-38	<p>The details of Environmental Clearance should be prominently displayed in a metallic board of 3ft x3ftwith green background and yellow letters of Times New Roman font of size of not less than 40.Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry,visible to the public.</p>	<p>The conditions of the environmental clearance prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font was installed. Sign board is also displayed showing lease area and boundaries at the entrance of the quarry.</p>
		
G-39	<p>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.</p>	<p>The proponent has provided notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC have been scrupulously followed. ANNEXURE 4</p>

G-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.	There will be no change in mining technology and scope of working without prior approval of the SEIAA. No further expansion or modifications in the mine will carried out without prior approval of the SEIAA, as applicable.
G-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.	Ensured that no natural water course and/or water resources were obstructed due to any mining operations.
G-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	Scrupulously follows the directions contained as per the conditions. The result of monitored data is provided in ANNEXURE 7.
G-43	The top soil, if any, shall 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 dumpsite(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of dumps shall be maintained to 45°.The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface runoff. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.	The top soil is temporarily 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 also stacked at earmarked dumpsite(s) only. The maximum height of the dumps is not allowed to exceed 8m and width 20m and overall slope of dumps are maintained to 45°.The OB dumps are scientifically vegetated with suitable native species to prevent erosion and surface runoff.. The entire excavated area will be backfilled at the reclamation period. Monitoring and management of rehabilitated areas will continue until the vegetation becomes self-sustaining.



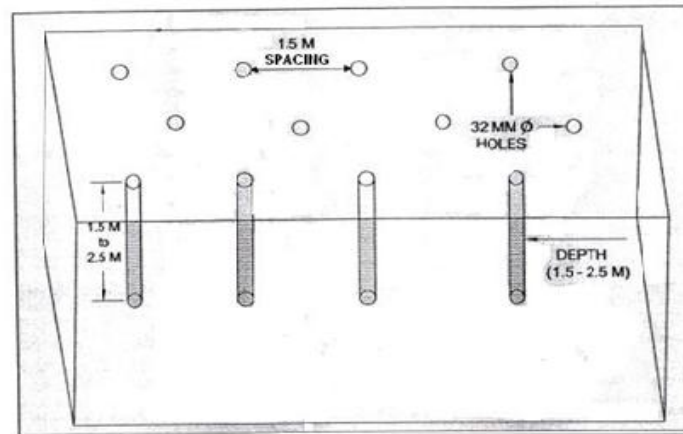
G-44	<p>Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly in to the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green development etc. The drains shall be regularly de silted particularly after monsoon and maintained properly.</p>	<p>The project proponent ensured that all storm water from the mining area flow in to the pond. The project has constructed storm water drains in the lower slopes of the project area for effective management of storm water. This helps to channelize the storm water to the rain water collection pond and the most of the debris are settling down at the bottom of the pond. The clarifiers will be installed soon.</p>
G-45	<p>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.</p>	<p>Scrupulously follows the directions contained and ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard. ANNEXURE 7.</p>
G-46	<p>Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at</p>	<p>The emission of dust is a major adverse effect of a mining industry. To prevent dust emission, water tanker sprinkling is using in the project site and in and around the crusher</p>

	transfer points should be provided and properly maintained	unit. This help to suppress dust during the time summer season.
G-47	Measures should be taken for control of noise levels below 85dBA in the work environment.	Measures have been taken for the control of noise levels below 85DbA in the work environment.
G-48	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	A separate environmental management cell with suitable qualified personnel has been set-up under the control of a Senior Executive, who will report directly to the Head of the Organization. INDEX.IV.c
G-49	The funds earmarked for environmental protection measures and CSR activities should be kept in separate account and should not be diverted for other purposes. Year wise expenditure should be reported to the State Environment Impact Assessment Authority (SEIAA) office.	The funds earmarked for environmental protection measures and CSR activities are being kept in separate account and have not been diverted for other purposes. Year wise expenditure will be reported to the State Environment Impact Assessment Authority (SEIAA) office. ANNEXURE 5
G-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 officer(S) of the Regional Office by furnishing the requisite data/information/monitoring reports.	The Regional office of MOEF &CC located at Bangalore will monitor compliance of the stipulated conditions. The project authorities will extend full cooperation to the officer(S) of the Regional Office by furnishing the requisite data/ information/ monitoring reports.
G-51	Any appeal against this Environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.	Strictly follow the rules and scrupulously follows the directions contained.
G-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 the provisions of Environment (Protection) Act, 1986	Strictly follow the rules, if any factual data is concealed or false/fabricated data is submitted and failure to comply with any of the conditions mentioned above is found.
G-53	The SEIAA may revoke or suspend the order, for non-implementation of any of the specific or this implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further	SEIAA can revoke any order if any of the specific or this implementation of any of the above conditions is not satisfactory.

	condition in the interest of environment protection.	
G-54	The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.	Yes, all the above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.
G-55	This order is valid for a period of 5 years or the expiry date of mine lease period issued by the Government of Kerala, whichever is earlier.	Yes, this order is valid for a period of 5 years or the expiry date of mine lease period issued by the Government of Kerala, whichever is earlier.
G-56	The Environmental Clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.	Yes, the Environmental Clearance is subjected to the final order of the courts in any pending litigation related to the land or project, in any court of law.
G-57	The mining operation shall be restricted to above ground water table and it should not intersect ground water table.	The mining operation has been restricted to above ground water table and it will not intersect ground water table.
G-58	All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution taking center. Washing of all vehicles shall be inside the lease area.	All vehicles used for transportation and within the mines are with 'PUC' certificate from authorized pollution taking center. Washing of all vehicles are allowed only inside the lease area.
G-59	Project proponent should obtain necessary prior permission of the competent authorities for drawal of requisite quantity of surface water and ground water for the project.	Project proponent has obtained necessary prior permission of the competent authorities for drawal of requisite quantity of surface water and ground water for the project..
G-60	Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly reports to SEIAA.	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 will be carried out and reported in the six monthly reports to SEIAA.
G-61	Occupational health surveillance program of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Occupational health surveillance program of the workers will be done periodically to observe any contractions due to exposure to dust and corrective measures will be taken, if needed.

IV.a. DRILLING

The excavation of mineral is proposed by excavators. The mineral is fractured and easily exploitable by rock breakers and excavators. The hard strata are proposed to excavate after drilling and blasting. The cross-sectional view of drilling operations is shown below:-



Salient features of drilling

- About 30 to 50 holes per blast of 32 mm dia and to a depth of 2 to 2.5m will be adopted.
- It is estimated about 2 to 3 T production per hole.
- Number of blasts per day depends upon the workable area and production to be achieved.
- The spacing of 1.0 to 1.5m between the holes will be adopted.
- About 250g per hole of explosive will be used. However, 10 kg/blast will be adopted at any point of time.
- Millisecond electric blasting will be adopted to limit the PPV and Noise levels within the stipulated standards.

IV.b. BLASTING

The controlled blasting is proposed by adopting all the safety measures as per “MMR 1961” and with the permission of DGMS.

In this area for fragmentation of granite the blasting will be conducted. Multiple blast holes of 1.0 to 1.5 m depth will be drilled with the help of 32 mm drill rod, Jack Hammer and Air Compressor of 100 cfm capacity.

It is estimated about 250 g of explosives per hole is required. About 30 – 50 holes per blast are proposed. Therefore, the requirement of explosives will be about 10 kg/ blast.

2.6.6.1 BLASTING SAFEGUARD

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

IV.c. ENVIRONMENTAL MONITORING CELL

An environmental monitoring cell was formed with Mr. V. Moideen head of the monitoring cell and made functional. Meeting of monitoring cell is arranged monthly and discuss the status of the compliance of the specific and general conditions contained in the Environmental clearance order. The details of the monitoring cell members are given below:-

Sl. No.	Post	Name
1	Head of the monitoring cell	V. Moideen(Managing partner & Authorized signatory)
2	Head in charge (Environment)	Mr. Aboobacker
3	Senior Environmental Officer	Mr. Ummer
4	Environmental Officer	Mr. Hasainar
5	Name of the environmental officer in charge	Mr. Said alavi
6	Name of the officer Environment, Health and safety	Mr. Safer Ali
7	Name of the Assistant Officer of Environment,Health and safety	Mr. Hasainar
8	Name of the environmental consultant	GEC Mining Solutions

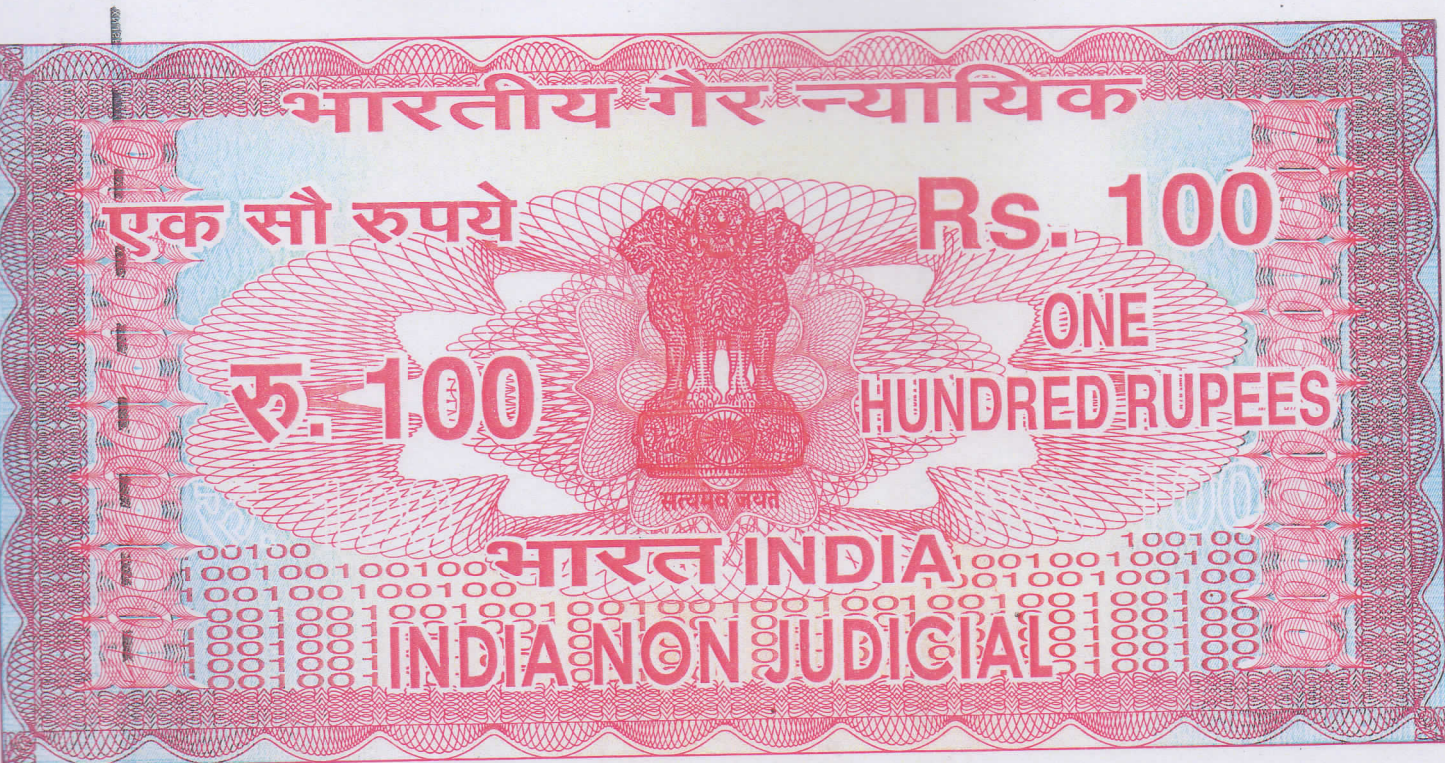
IV.d. TREES IN THE SITE

Natural vegetation including trees, shrubs and herbs present in the quarry site are mentioned in the table below:-

Sl No.	Scientific Name	Common Name	Family
1	<i>Macaranga peltata</i>	Vatta	Euphorbiaceae
2	<i>Cocus Nucifera</i>	Coconut Tree	Arecaceae
3	<i>Gliricidia sepium</i>	Seemakkonna	Fabaceae

ANNEXURE 1

**AFFIDAVIT FOR ECO-
RESTORATION**



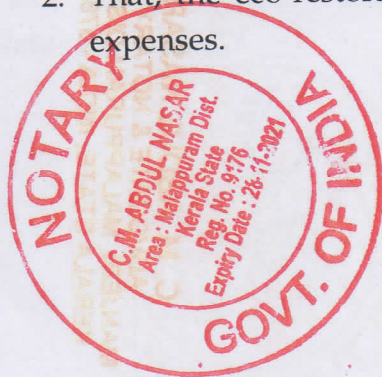
കേരളം കേരल KERALA

CD 295261

AFFIDAVIT

I, Mr. V.Moideen, Managing Partner & Authorized signatory of V.K.M Stone Crusher having correspondence office at Cherur(p.o), Kannamangalam, Vengara, Malappuram district, Kerala, do hereby affirm and confirm as follows:-

1. That, my quarry project is situated at survey No 103/2 of Kannamangalam Village, Thirurangadi Taluk, Malappuram District, Kerala, 676508.
2. That, the eco-restoration including the mine closure plan will be done at my expenses.



DEPONENT

No: 9676
Date: 28/7/19
Value: 100
Amsom: Manjeri
Taluk: Thirurangadi
Name: V.K.M Stone Crusher V
Addi. Stamp Vendor, Manjeri
C.J. Mary

Manam
25/7/19
C. M. ABDUL NASAR
ADVOCATE & NOTARY
MANJERI, MALAPPURAM DISTRICT
KERALA STATE, INDIA - 676 121
Page 40





Handwritten: 25/11/19

C. M. ABDUL NASAR
ADVOCATE & NOTARY
MANJERI, MALAPPURAM DISTRICT
KERALA STATE, INDIA - 676 121

भारतीय गैर न्यायिक

एक सौ रुपये

Rs. 100

₹. 100

ONE HUNDRED RUPEES

भारत INDIA

INDIAN NON JUDICIAL

കേരളം കേരल KERALA

CD 295262

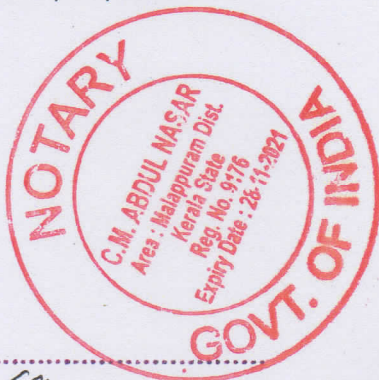
Verification:

Verified that my above statements are true to the best of my knowledge and belief and no material has been concealed therein.

DEPONENT

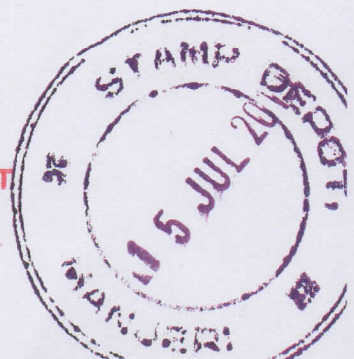
Place: Malappuram

Date : 24/07/2019



Emam
25/7/19

C. M. ABDUL NASAR
ADVOCATE & NOTARY
MANJERI, MALAPPURAM DISTRICT
KERALA STATE, INDIA - 676 121



No: 9677
Date: 23-2-19
Value: 100
Witness: *[Signature]*
Name: *[Signature]*
Addl. Stamp Vendor, Manjeri
J. Mary *[Signature]*

ANNEXURE 2
EXPLOSIVE LICENSE



भारत सरकार | Government of India

वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो) | Petroleum & Explosives Safety Organisation (PESO)

पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives

केन्द्रीय भवन, ब्लाक सी-2, तीसरी मंजिल | Kendriya Bhavan, Block C-2, 3rd Floor

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

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

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

संख्या (No.): E/SC/KL/22/301(E11744)

दिनांक (Date): 30/01/2019

सेवा में | To,

SRI.V.MOIDEEN,

V.K.M.STONE CRUSHER, P.O. CHEPUR, KONDOTTY, KANNAMANGALAM, MALAPPURAM DISTRICT, KERALA.,

Town/Village - Chepur

District-MALAPPURAM, State-Kerala, Pincode - 673638

विषय : Survey No(s).103/2, ग्राम KANNAMANGALAM (V), THIRUVANGADI TK., जिला MALAPPURAM, राज्य Kerala में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/301(E11744) के नवीनीकरण संदर्भ में।

Subject: Possession for Use of of Explosives from magazine situated at Survey No(s):103/2, KANNAMANGALAM (V), THIRUVANGADI TK., Dist. MALAPPURAM, Kerala -Licence No.: E/SC/KL/22/301(E11744) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या Nil दिनांक 29/01/2019 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक 31/3/2024 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है। Reference to your letter No.: Nil dated: 29/01/2019, 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.

- प्ररूप 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 जाएं। विवरणी इस कार्यालय के कार्यालय में आगामी तिमाही के 10 तारीख से पहले पहुंच जानी चाहिए (आतिशबाजी गोदाम के लिए लागू नहीं)। Please submit quarterly returns of explosives in RE-7 at the end of every quarter so as to reach this office by 10th of the succeeding quarter.(Not applicable for fireworks store house)
- सभी ब्लास्टिंग आपरेशन एक सक्षम द्वारा की जाएगी जो उपरोक्त नियमों के तहत एक वैध शॉट फायर प्रमाणपत्र धारक हो। हालांकि, खान अधिनियम 1952 के अधीन आने वाले खानों में ब्लास्टिंग आपरेशन करने वाले ब्लास्टर की योग्यता उसी अधिनियम से निर्धारित हो।
All blasting operations shall be carried out by a competent person holding a valid shot firer's permit granted under above rules. However, blasting operations in mines coming under the purview of the Mines Act 1952, the blaster shall have qualifications prescribed in the regulations framed under the said Act.

भवदीय | Your's faithfully

(आर.वेणुगोपाल | Dr. R.Venugopal)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची मुन्नारनाडु जिला

Deputy Chief Controller of Explosives

प्रतिलिपि प्रेषित | Copy Forwarded to:

1. जिला मजिस्ट्रेट (District Magistrate), MALAPPURAM (Kerala)- सूचना के लिए (for information)

Page 44

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची | Ernakulam

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

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

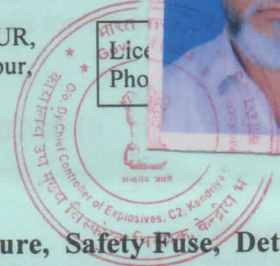
(See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)

(ग) उपयोग के लिए एक समय पर वर्ग 1,2,3,4,5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक रखने के लिए अनुज्ञप्ति

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

अनुज्ञप्ति सं. (Licence No.) : E/SC/KL/22/301(E11744)

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



1. Licence is hereby granted to

SRI.V.MOIDEEN (अधिभोगी / Occupier : V MOIDEEN), V.K.M.STONE CRUSHER, P.O. CHEPUR, KONDOTTY, KANNAMANGALAM, MALAPPURAM DISTRICT,KERALA., Town/Village - Chepur, District-MALAPPURAM, State-Kerala, Pincode - 673638

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, 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	75 Kg.
2.	Safety Fuse	6,1	0	1500 Mtrs
3.	Detonators	6,3	0	1000 Nos.

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

**20 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 रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/301 है।

: (E11744)

The licensed premises shall conform to the following drawing(s): . दिनांक (Dated) 01/02/2002

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

Survey No(s). 103/2 , ग्राम (Town/Village) : KANNAMANGALAM (V), THERUVANGADI TK, पुलिस थाना (Police Station) : VEVGARA

जिला (District) MALAPPURAM राज्य (State) Kerala पिनकोड (Pincode)

दूरभाष (Phone) ई. मेल (E-Mail) फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

: TWO MINI EXPLOSIVE MAGZINE.

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 उपाबंधों के अधीन रहते हुए अनुदत्त की जाती है।

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

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

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

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

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 2003 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2003.

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 अनुज्ञप्ति परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंश्लित 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 - 01/02/2002

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

Amendments :

- Amendment in Drawings/Facilities/Premises dated : 22/01/2014
- Amendment in Drawings/Facilities/Premises dated : 22/01/2014

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

30/01/2019

31/03/2024

Dy. Chief Controller of Explosives, Ernakulam

उप मुख्य विस्फोटक नियंत्रक
Deputy Chief Controller of Explosives
एरणाकुलम Ernakulam

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

Form DE-2
(See rule 113 of the Explosives Rules, 2008)
(Distance Form to be attached to the licence)


Safety distances required to be kept clear around magazine for high explosives or fire works or factory licence number E/SC/KL/22/301(E11744) in form LE-3 granted to SRI.V.MOIDEEN, V.K.M.STONE CRUSHER, P.O. CHEPUR, KONDOTTY, KANNAMANGALAM, MALAPPURAM DISTRICT, KERALA., Kerala-

Type of Structure(s)	Safety distances meters	
	M	UM
Inside Safety Distances(ISD)		
1 Room or Workshop used in Connection with the Magazine	11	17
2 Any other Explosives Magazine or store House or Factory of the Applicant		
3 Magazine Office		
Middle Safety Distances(MSD)		
4 Magazine Keeper's or Chowkidar's Dwelling house		
5 Railway including Minerals and Private Railways		
6 Canal (in active use) or other navigable water		
7 Dock or Pier or Jetty		
8 Public Highway or Public Road		33
9 Private Road which is PRINCIPAL means of access to a Temple, Mosque, Church, Gurudwara or other places of worships, Hospital, College, School or Factory		
10 River Embankment or Sea Embankment or Public Well		
11 Reservoir or Bounded tank/rope way		
12 Windmillor or Solar panel for Power Generation		
Outside Safety Distances(OSD)		
13 Dwelling House		
14 Govt. and Public Building		
15 Temple, Mosque, Church or Gurudwara or other Places of Worships		
16 Shops, Market place, Public recreation and Sports Ground, College, School, Hospital, Theater, Cinema or other Building where the public are accustomed to assemble		
17 Factory		
18 Buildings or Works used for the Storage in Bulk of Petroleum, Sprit, gas, or other inflammable or hazardous substances		45
19 Building or Works used for Storage and Manufacture of Explosives or of articles which contain Explosives		
20 Aerodrome		
21 Furnace, Kiln or Chimney		
22 Quarry or mine pit head		
23 Power House or Electric Substation		
24 Wireless Station		
25 Warehouse or other Storage Building		
26 Any other Protected works		
Overhead Electric lines		
27 Electric Power over head Transmission Lines above 440V		45
28 Electric Power over head Transmission Lines upto 440V		15

The Date : 01/02/2002

Amendments :


- Amendment in Drawings/Facilities/Premises dated : 22/01/2014
- Amendment in Drawings/Facilities/Premises dated : 22/01/2014


 For Joint Chief Controller of Explosives
 South Circle, Chennai
 उप मुख्य विस्फोटक नियंत्रक
 Deputy Chief Controller of Explosives
 एरणाकुलम Ernakulam

20. विस्फोटकों के खाली पैकजों को शीघ्रतिशीघ्र वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा ।
Empty packages of the explosives shall be removed at the earliest and destroyed. \
21. अनुज्ञापितारी और कर्मचारियों को परिसर के भीतर आपातकाल के दौरान की जाने वाली प्रक्रियाओं से अवगत होना चाहिए ।
The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.
22. निरीक्षण या नमूना अधिकारी को सभी युक्तियुक्त समयों पर अनुज्ञात परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबंधों और सुरक्षा स्थितियों को सम्यक्तः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी ।
Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.
23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञापितारक को अनुज्ञात परिसरों या मशीनरी, दूल या उपकरण में ऐसी कोई मरम्मत या परिवर्धन या परिवर्तन करने या सिफारिशों को लागू करने को लिखित रूप में सूचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञापितारक सिफारिशों को निष्पादित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा ।
If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the license shall execute the recommendations and report compliance within the period specified by such authority.
24. अनुज्ञापितारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञात फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पलीते खरीदेगा ।
The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.
25. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले आतिशबाजियों पटाखों की बिक्री और रखने के लिए -
(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डी.बी.(ए1) या 145 डी.बी.(सी)पी.के. प्रतिबंधित होंगे;
(ख) श्रृंखला (जुड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 लॉग.10(एन) डी.बी. (सी) पी.के.प्रतिबंधित होंगे ;
The possession and sale of fire-crackers generating noise level exceeding;
a) 125 dB(AI) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;
b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log₁₀ (N) dB, where N = number of crackers joined together.
26. आग या विस्फोट व्दारा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत पास के पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी ।
Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

अतिरिक्त शर्तें / Additional Conditions :

1. अनुज्ञापितारी विदेशी मूल के आतिशबाजी को ना प्रदर्शित करेगा, ना रखेगा और ना ही उसकी बिक्री करेगा । The licensee shall not exhibit, possess and sell fireworks of foreign origin.


 कृते संयुक्त मुख्य विस्फोटक नियंत्रक
 For Joint Chief Controller of Explosives
 दक्षिणांचल, चेन्नै | South Circle, Chennai
 उप मुख्य विस्फोटक नियंत्रक
 Deputy Chief Controller of Explosives
 एरणाकुलम Ernakulam

मैगजीन में वर्ग 1,2,3,4,5,6, और 7 के विस्फोटकों को बिक्री या प्रयोग हेतु रखने के लिए प्ररूप एल.ई. 3 [अनुच्छेद 3 (ख) से (ग)] में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक द्वारा प्रदान किए जाने वाले अनुज्ञप्ति सं. E/SC/KL/22/301(E11744) की शर्तें निम्नलिखित हैं ।
The following are the conditions of licence number E/SC/KL/22/301(E11744) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c)) granted by Chief controller of Explosives or Controller of Explosives.

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

practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from;

Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.

9. यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञापिकाएँ ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञापिकाएँ द्वारा पश्चात्कर्ता प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तडित चालक को समाधानप्रद घोषित नहीं कर देता :
परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के किए गए सभी परीक्षणों के लिए प्रभार्य होगा :
परंतु यह और कि यदि दो या अधिक तडित चालक एक ही मैगजीन से संबद्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तडित चालक के परीक्षण के लिए हर स्थिति में विहित की गई है ।

If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the even of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory:

Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day :

Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.

10. उपयुक्त तथा जेब रहित कार्यकरण वस्त्रों , उपयुक्त जूतों के प्रयोग द्वारा तथा तलाशी लेकर या अन्यथा अथवा ऐसे किन्हीं साधनों द्वारा इस बाबत सम्यक उपबंध किया जाएगा कि फैक्ट्री परिसर में अग्नि, दियासलाई अथवा ऐसी कोई वस्तुएं या पदार्थ, जिससे विस्फोट हो सकता है या आग लग सकती हो, किन्तु इस शर्त के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम बत्ती का प्रवेश वर्जित नहीं है जिससे आग लगने या विस्फोट होने का खतरा न हो :
परंतु इस शर्त का वह भाग, जो लोहे या इस्पात के अपवर्जन को लागू होता है, ऐसे किसी भवन के संबंध में बाध्य कर नहीं होगा जिससे भिन्न कोई विस्फोटक नहीं रखा गया है ।

Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching or otherwise or by such means, for preventing the introduction into danger area of the factory premises of fire, Lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or explosion:

Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.

11. अनुज्ञापिकाएँ प्रार.ई.-3 और आर.ई.-4 या आर.ई.-5, जैसी स्थिति हो, में सभी विस्फोटकों का अभिलेख और लेखा रखेगा और विस्फोटक नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर स्टॉक पुस्तक और अभिलेख प्रस्तुत करेगा । स्टॉक पुस्तक विहित प्रोफार्मा में पृष्ठ संख्यांकित होगी ।
The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforma shall be page numbered.

12. परिसरों में कोई परिवर्तन या तबदीली अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुज्ञापिकाएँ ऐसी किसी शर्त का अनुपालन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्दिष्ट करें ।
No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.

13. मैगजीन सभी समयों पर अच्छी मरम्मत की स्थिति में बनाई रखी जाएगी (या अच्छी हालत में बनाई रखी जाएगी) । यदि किसी कारणवश किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुज्ञापिकाएँ इस बात की सूचना अनुज्ञापन प्राधिकारी को तुरंत देगा ।

Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason whatsoever.

मैगजीन का अनुज्ञापिकाएँ इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा ।
The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.

14. यदि सुरक्षा दूरी का कोई अधिक्रमण होता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को आवश्यक सलाह और कार्यवाही के लिए तुरंत दी जाएगी ।

Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.

15. यदि कोई विस्फोटक विनष्ट हुआ अथवा अनुपयोगी जाया जाता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को, सलाह प्राप्त करने के लिए, तुरंत दी जाएगी ।

The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.

16. विस्फोटकों के पैकेटों के चट्टे इस प्रकार लगाए जाएंगे कि कम से कम एक व्यक्ति भण्डार किए गए सभी पैकेटों की हालत की जांच करने और प्रत्येक पैकेज की विनिर्माण विशिष्टियों को पढ़ने के लिए उनके बीच से होकर आ जा सके ।

The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.

तडित चालकों की भूमि के लिए प्रतिरोध यथासंभव न्यूनतम होगा और किसी भी दशा में 10 ओह्म से अधिक नहीं होगा ।

The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.

17. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुल्क घास या झांडी या ज्वलनशील सामग्री नहीं रहने दी जाएगी ।

A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.

18. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी ।

Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.

19. किसी मैगजीन / भंडारगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा ।

Not more than 4 persons shall be allowed inside the magazine or store house at any one time.

उप मुख्य विस्फोटक नियंत्रक
Deputy Chief Controller of Explosives
एरणाकुलम Ernakulam

ANNEXURE 3
POLLUTION
CERTIFICATE

FILE NO : 6293214

Date of issue : 18/12/2017



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO

OPERATE/AUTHORISATION/REGISTRATION

ISSUED UNDER

The Water (Prevention & Control of Pollution) Act, 1974

The Air (Prevention & Control of Pollution) Act, 1981

and

The Environment (Protection) Act, 1986

As per Application No. :6293214

Dated:16-12-2017

TO

M/s QUARRY OF V.K.M STONE CRUSHER

Kannamangalam , Cherur, Vengara

Consent No. :PCB/CO/EXP/159/17

Valid Upto :30/11/2022

1. GENERAL

1.1. This integrated consent is granted subject to the power of the Board to withdraw consent, review and make variation in or revoke all or any of the conditions as the Board deems fit.

1	VALIDITY	30/11/2022
2	Name and Address of the establishment	QUARRY OF V.K.M STONE CRUSHER KANNAMANGALAM , CHERUR, VENGARA 676508
3	Communication	Telephone :-9526600900 Fax :- E-mail:alimonvkm@gmail.com
4	Occupier Details	V. Moideen Veerseri, Chullipara P.O, Valakkulam , Malappuram
5	Local Body	Kannamangalam Grama Panchayat
6	Survey Number	103/2
7	Village	Kannamangalam
8	Taluk	THIRURANGADI
9	District	MALAPPURAM
10	Capital Investment(Rs in Lakhs)	45.0/-
11	Scale	Small
12	Category	RED
13	Annual fee(Rs)	9600/-
	Total Fee remitted(Rs)	50400/-
14	RAW MATERIAL	PRODUCTS
	GRANITE BUILDING STONE @150 Metric Tonnes/DAY	BLASTED RUBBLES @150 Metric Tonnes/DAY (Quarrying in 1.5195 hectares of land in survey no. 103/2 of KANNAMANGALAM Village, THIRURANGADI Taluk, MALAPPURAM Dist)
15	Total Power Required (HP)	NIL

2. CONDITIONS AS PER

The Water(Prevention and Control of Pollution)Act, 1974

- 2.1 In case of generation of trade effluent from the industry, effluent treatment system consisting of treatment units having adequate capacity established as per the Integrated Consent to Establish issued shall be operational at all times during which the industry is functional. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1) (g) of the Water Act shall also be made along with.

- 2.2 Water consumption: NIL
 2.3 Effluent generation: -
 2.4 The characteristics of effluent after treatment shall confirm to the following tolerance limits:

Sl.NO.	Characteristics	Unit	Tolerance Limit	
			Sewage	Trade Effluent

2.5 Mode of disposal of treated effluent: -

**3. CONDITIONS AS PER
 The Air(Prevention and Control of Pollution)Act, 1981**

3.1 Adequate air pollution control measures shall be operational at all times during the functioning of the industry. Additional facilities required, if any, to achieve the standards laid down by the Board shall also be made along with.

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

3.2 Emission characteristics shall not exceed the following:

Sl.No.	Parameter	Limiting Standards (mg/Nm3)

**4. CONDITIONS AS PER
 The Environment (Protection) Act, 1986.**

- 4.1 The operation of the industry shall be strictly in compliance with the provisions of the Noise Pollution (Regulation and Control) Rules 2000.
 4.2 Used lead acid batteries shall be disposed of as per the Batteries (Management and Handling) Rules, 2001
 4.3 Hazardous waste generated, if any, shall be handled as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
 4.3.1 Activities for which Authorisation is granted

Collection		transport	
Reception		Storage	
Treatment		Reprocessing/Disposal	

4.3.2 Type, quantity and mode of storage/collection/disposal of hazardous wastes shall be as follows:

Sl.No.	Hazardous Waste	Schedule Category	Quantity Tonne/year
Mode of			
Storage		Disposal	

4.4 E-waste shall be disposed off safely as per the E-Waste (Management) Rules, 2016.

5. SPECIFIC CONDITIONS

- 5.1. The location of the Quarry shall be as per the approved drawing attached.
- 5.2. The PM 2.5 in ambient air at the boundary shall not exceed 60 microgram/m³
- 5.3. For renewal of the consent in case of continuance of discharge/operation of the industry, application in the prescribed form shall be submitted through the web portal of the Board foOnline Consent Management & Monitoring System 3 months before the end of validity period. Late application will be accepted only with a fine /late fee as applicable.
- 5.4. Boundary shall be fenced before operation of quarrying activities.
- 5.5. The concentration of PM10 at the boundary shall not exceed 100 microgram/m³.
- 5.6. After extraction at the site is completed, the land may be used for rain water harvesting with protective barriers/any other suitable approved purpose or may be reclaimed.
- 5.7. The applicant shall comply with the instructions that the Board may issue from time to time regarding the prevention and control of air, water, land and sound pollution.
- 5.8. No change or alteration of the quarrying area is to be made without the prior written permission of the Board. Any change in the particulars furnished and/or in the identity of the occupier/authorized agent is to be intimated to the Board forthwith.
- 5.9. The ambient air quality measured at 1 m outside the boundary of the premises shall not exceed the ambient air quality applicable to the adjoining area.
- 5.10. The sound level measured at 1 m outside the boundary of the premises shall not exceed the ambient sound level applicable to the adjoining area.
- 5.11. Suitable species of trees and curtain plants shall be planted and maintained within and along the periphery of the premises, forming a green belt to improve the environment.
- 5.12. The consentee shall put up a sign board of size 6x4 ft. near the main entrance of the plant to display the name of the unit and important consent conditions.
- 5.13. Bench cutting method shall be adopted for quarrying.
- 5.14. Blasting shall be done with prior signals in specified time. No. of blasting shall not exceed 10 nos. at a time.
- 5.15. Blasting and quarrying shall be done without causing any nuisance or damage to occupants of adjoining or neighbouring land or building or posing damage to health, life or property.
- 5.16. Mining below normal water table by continuous pumping shall be avoided in summer period (March, April, May) to prevent drinking water shortage in that area.
- 5.17. Noise creating activities such as drilling, blasting, breaking, loading etc shall not be done during night time (6pm-6am).
- 5.18. The applicant shall submit copies of all relevant permits/lease/certificate/licences periodically to this office to ensure the validity of this consent.
- 5.19. The conditions in the Environmental clearance shall be complied.
- 5.20. All other statutory or necessary clearances from other concerned authorities shall be obtained before commencing any quarrying operations.
- 5.21. Minimum distance of 50m shall be maintained from boundary of quarrying area to residential building, places of worships, public buildings, public roads, river, lake, railway lines and bridges.

Reference:-

- 1) Mining & Geology letter No.: 4792/M3/2017 DATED:22.05.2017
- 2) Explosive license No: E/SC/KL/22/301(E11744) DATED:23.01.2014
- 3) Environmental Clearance No.: DEIAA/MAL/EC/029/2017 Dated:01.12.2017.

VINAYA K S Digitally signed by VINAYA K S
Date: 2017.12.18 16:02:02
+05'30'

DATE :18/12/2017

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL
ENGINEER,DO,MALAPPURAM



To

STOCK FILE

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

ANNEXURE 4
PANCHAYATH LICENSE



ലൈസൻസ് നമ്പർ : ബി2-1017/2020-21 - 1

തീയതി : 01/04/2020

കണ്ണമംഗലം ഗ്രാമപഞ്ചായത്തിൽനിന്നും
 1994ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകളും
 അതേ തുടർനൂള്ള ചട്ടങ്ങളും അനുസരിച്ച്
 ഫാക്ടറികൾ, വ്യാപാരങ്ങൾ, സംരംഭങ്ങൾ, മറ്റു സേവനങ്ങൾ എന്നിവയ്ക്കായി നൽകുന്ന

ലൈസൻസ്

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	വി മൊയ്തീൻ, വികെഎം സ്റ്റോൺക്രഷർ, ചേറൂർ കണ്ണമംഗലം	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	വികെഎം ക്വാറി	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	കണ്ണമംഗലം വില്ലേജിലെ റിസ 103/2 നമ്പർ ഭൂമിയിൽ കരിങ്കൽക്വാറി നടത്തുന്നതിന്	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	4 /	
ലൈസൻസ് കാലയളവ്	01-04-2020 മുതൽ 30-11-2022 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	30,000/- രൂപ	രസീത് നമ്പർ 119320102399 തീയതി 27-02-2020
	തൊഴിൽക്കരം	1250 + 1250 Rt.No.119320102399 Dt : 27-02-2020
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷേപപത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)	<ol style="list-style-type: none"> 1. മലിനീകരണനിയന്ത്രണ ബോർഡിൽനിന്നുള്ള അനുമതി ... PCB/CO/EXP/159/17 ... 18-12-2017 2. അഗ്നിസുരക്ഷാവകുപ്പിൽനിന്നുള്ള നിരാക്ഷേപപത്രം ... D-11051/17 ... 28-12-2017 3. പ്ലാസ്റ്റിക് നിരോധനം, സ്ഥലനാമം എന്നിവ സംബന്ധിച്ച സത്യവാങ്മൂലം 4. ജില്ലാ കളക്ടറുടെ / ചീഫ് കൺട്രോളർ ഓഫ് എക്സ്പ്ലോസീവീന്റെ അനുവാദപത്രം 5. മൈനീംഗ് & ജിയോളജി വകുപ്പിൽനിന്നുള്ള അനുമതി 6. സ്റ്റേറ്റ് എൻവയൺമെന്റ് ഇംപാക്ട് അസസ്മെന്റ് അതോറിറ്റിയുടെ അനുമതി 7. പാറ പൊട്ടിക്കുന്ന ആളുടെ വൈദഗ്ധ്യം സംബന്ധിച്ച സാക്ഷ്യപത്രം 	



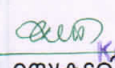
(ഓഫീസ് മുദ്ര)

Secretary
 Kannamangalam Panchayath
 P.O. Kannamangalam - 676 304
 കണ്ണമംഗലം ഗ്രാമപഞ്ചായത്ത്
 Ph: 0494-2492000

ലൈസൻസി താഴെപ്പറയുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു

1. കേരള പഞ്ചായത്ത് രാജ് ആക്ടും അതേന്തടർന്നുള്ള ചട്ടങ്ങളും ബൈലോകളും അനുസരിച്ചു പ്രവർത്തിക്കേണ്ടതാകുന്നു.
2. തൊഴിൽസ്ഥലവും അതിലുള്ള സാധനസാമഗ്രികളും പഞ്ചായത്ത് അധികാരികൾക്കോ / സെക്രട്ടറി അധികാരപ്പെടുത്തുന്ന മറ്റ് ഉദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസൻസി വേണ്ട സൗകര്യങ്ങൾ നൽകേണ്ടതും അവർ ആവശ്യപ്പെട്ടാൽ ഈ ലൈസൻസ് കാണിക്കേണ്ടതുമാകുന്നു.
3. ഏതു സ്ഥലത്തിന്റെ കാര്യത്തിൽ ലൈസൻസ് നൽകിയിരിക്കുന്നുവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണത്തക്കവിധത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസൻസി തന്റെ പേരും ലൈസൻസിന്റെ നമ്പരും ഉദ്ദേശ്യവും കാണിക്കുന്ന ഒരു അടയാളപ്പലക വെച്ചിരിക്കേണ്ടതാണ്.
4. പഞ്ചായത്തിൽനിന്നും അനുവാദം സിദ്ധിച്ച ശേഷമല്ലാതെ തൊഴിൽസ്ഥലം മാറ്റാൻ പാടില്ലാത്തതും തൊഴിൽ നിർത്തുന്ന പക്ഷം വിവരം മുൻകൂട്ടി പഞ്ചായത്തിൽ അറിയിക്കേണ്ടതുമാകുന്നു.
5. തൊഴിൽസ്ഥലവും പരിസരങ്ങളും വൃത്തിയായും സാംക്രമികരോഗാണുക്കൾ ഉണ്ടാകാത്തവിധത്തിലും പൊതുജനോപദ്രവമാകാത്ത വിധത്തിലും വ്യാപാരത്തിനു വെച്ചിട്ടുള്ള ഭക്ഷണപദാർത്ഥങ്ങൾ ഈച്ച, അണുക്കൾ, പൊടി മുതലായവയുടെ ശല്യം ഉണ്ടാകാത്ത വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ്.
6. ഏതൊരു പ്രവൃത്തിദിവസത്തിന്റെയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേണ്ടതാണ്.
7. ആ സ്ഥലത്തിന്റെയോ പരിസരത്തിന്റെയോ ഏതെങ്കിലും ഭാഗത്ത് വീഴുകയോ നിക്ഷേപിക്കപ്പെടുകയോ ചെയ്യുന്ന ചപ്പുചവറോ മൃഗങ്ങളുടെ അവശിഷ്ടങ്ങളോ മറ്റു പദാർത്ഥമോ ശേഖരിച്ച് സെക്രട്ടറിക്ക് തൃപ്തികരമായ രീതിയിൽ നീക്കം ചെയ്യിക്കേണ്ടതാണ്.
8. ലൈസൻസി ഏതൊരു കെട്ടിടത്തിന്റെയും ചുമരുകളുടെ അകവശത്തിന്റെ ഏതൊരു ഭാഗവും മേൽപ്പറഞ്ഞ പരിസരത്തിലുള്ള തറയും നടപ്പാതയും അവിടെ തെറിച്ചുവീഴാനിടയുള്ള ഏതെങ്കിലും ദ്രാവകമോ, മാലിന്യമോ ചപ്പുചവറോ അസഹ്യവും ഉപദ്രവകരവുമായ ഏതെങ്കിലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് തടയാത്തക്കവിധം എപ്പോഴും നന്നായി കേടുപാടു തീർത്തു നിലനിർത്തേണ്ടതാണ്.
9. ലൈസൻസി മേൽപ്പറഞ്ഞ സ്ഥലത്തോ, പരിസരത്തോ അതോടുചേർന്നുള്ള ഏതൊരു ഓവുചാലും അഴുക്കുജലം കളയുന്നതിനുള്ള ഉപകരണവും എപ്പോഴും നന്നായി കേടുപാടുതീർത്തും വെപ്പിക്കേണ്ടതാണ്.
10. അധിതം ആചരിക്കുന്ന കടകളുടെ ലൈസൻസ് റദ്ദ് ചെയ്യുന്നതാണ്.
11. ഏതെങ്കിലും തരത്തിലുള്ള തപക്ക് രോഗമോ കുഷ്ഠരോഗമോ, വ്രണമോ പകർച്ചവ്യാധികളോ ഉള്ള യാതൊരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന സ്ഥലത്തും പരിസരത്തും പ്രവർത്തിക്കുവാൻ പാടില്ലാത്തതാകുന്നു.
12. 50 മൈക്രോണിൽ കുറവുള്ള പ്ലാസ്റ്റിക്കുകളും മറ്റു നിരോധിത പ്ലാസ്റ്റിക് ഇനങ്ങളും ഉൽപ്പാദിപ്പിക്കുകയോ ശേഖരിക്കുകയോ വിൽക്കുകയോ കൈകാര്യം ചെയ്യുകയോ ചെയ്യാൻ പാടില്ല.
13. സ്ഥാപനത്തിന്റെ ബോർഡിൽ സ്ഥലനാമം മലയാളത്തിലും ഇംഗ്ലീഷിലും രേഖപ്പെടുത്തേണ്ടതാണ്.
14. 20 സീറ്റിൽ കൂടുതലുള്ള എല്ലാ ഹോട്ടലുകൾക്കും റെസ്റ്റോറന്റുകൾക്കും ടോയിലെറ്റ് സൗകര്യം ഏർപ്പെടുത്തേണ്ടതാണ്.
15. നിരോധിത ഉൽപ്പന്നങ്ങളായ പാൻമസാല, ഗുഡ്ക തുടങ്ങിയവ സംഭരിച്ചു വെക്കുവാനോ വിൽക്കുവാനോ പാടില്ല.
16. ബാലവേല അനുവദിക്കുവാൻ പാടില്ല.
17. മുകളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളുടെ ലംഘനം ഈ ലൈസൻസ് റദ്ദ് ചെയ്യുന്നതിന് കാരണമാകാവുന്നതാണ്.




Secretary
 Kannamangalam Panchayath
 P.O. Kannamangalam - 676 304
 Malappuram Dist

N.B. ഈ ലൈസൻസ് അവസാനിക്കുന്ന തീയതിക്ക് മുമ്പുതന്നെ ദിവസം മുമ്പ് ലൈസൻസ് പുതുക്കുന്നതിനുള്ള അപേക്ഷ സമർപ്പിക്കേണ്ടതാണ്.

ANNEXURE 5
AFFIDAVIT FOR EC
CONDITIONS

भारतीय गैर न्यायिक

एक सौ रुपये

Rs. 100

₹. 100

ONE HUNDRED RUPEES

भारत INDIA

INDIAN NON JUDICIAL

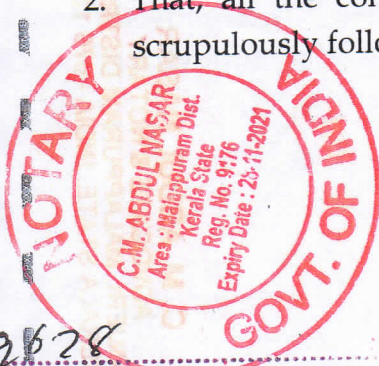
കേരളം കേരल KERALA

CD 295263

AFFIDAVIT

I, Mr. V.Moideen, Managing Partner & Authorized signatory of V.K.M Stone Crusher having correspondence office at Cherur(p.o), Kannamangalam, Vengara, Malappuram district, Kerala, do hereby affirm and confirm as follows:-

1. That, my quarry project is situated at survey No 103/2 of Kannamangalam Village, Thirurangadi Taluk, Malappuram District, Kerala, 676508.
2. That, all the conditions stipulated in the Environment Clearance would be scrupulously followed.



DEPONENT

No: 9678
 Date: 22-7-19
 Value: 100
 Amsom: [Signature]
 Taluk: [Signature]
 Name: [Signature] ✓
 Addl. Stamp Vendor, Manjeri
 C.J. Mary

Manjeri 25/7/19
C. M. ABDUL NASAR
 ADVOCATE & NOTARY
 MANJERI, MALAPPURAM DISTRICT
 KERALA STATE, INDIA - 676 121





611552
C.M. ABDUL NASAR
GOVT. OF INDIA

C. M. ABDUL NASAR
ADVOCATE & NOTARY
MANJERI, MALAPPURAM DISTRICT
KERALA STATE, INDIA - 676 121

ANNEXURE 6

**CORPORATE SOCIAL
RESPONSIBILITY**

INVOICE

Digi SOLAR SOLUTION Kacherippadi, Vengara Malappuram Dt Ph: 9847270003 GSTIN/UIN: - 32AIMPV7103P1ZP E-mail : sales@digisolars.com	Invoice No. DST2122-072	Dated 19-Jul-2021
	Delivery Note	Mode/Terms of Payment
	Supplier's Ref.	Other Reference(s)
Buyer V.K.M STONE CRUSHER P.O Cherur, Vengara, Kannamangalam, Malappuram Kerala. Pin: 676304	Buyer's Order No.	Dated
	Despatch Document No.	Dated
	Despatched through	Destination
	Terms of Delivery	

SI No.	Description of Goods	Quantity	Rate	per	Amount
1	MG 50W SOLAR STREET W (HSN:9405)	1.00 Nos:	4,910.71	Nos:	4,910.71
	<i>CGST Collected 6%</i>			6 %	294.64
	<i>SGST Collected 6%</i>			6 %	294.64
	<i>Rounded</i>				0.01
Total		1.00 Nos:			5,500.00

Amount Chargeable (in words) E & O.E
Rs. Five Thousand Five Hundred Only

Buyer's VAT TIN/Sales Tax No. : **GSTIN: 32AAHFV2840C1ZL**

Declaration
 We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for Digi SOLAR SOLUTION





കണ്ണമംഗലം പഞ്ചായത്തിൽ നാലാം
വാർഡിൽ പ്രവർത്തിച്ചുവരുന്ന വി കെ എം
കോറി 2020-2021 വർഷത്തിലെ CSR
ഫണ്ട് ചെലവഴിക്കുന്നതിന്റെ ഭാഗമായി
MARCH വരെയുള്ള കാലയളവിൽ.
സാദിഖ് അഹ്സനി S/O സിദ്ധീഖലി
കരിമ്പൻ HS കിളിനക്കോട്. വീടുപണിക്ക്
മെറ്റൽ കൊടുത്തതിന് 3000 രൂപ
ചെലവഴിച്ചു

സ്ഥലം ചേറൂർ
Date. 07-03-21

V.K.M. STONE CRUSHER
KANNAMANGALAM
P.O. CHERUR
VIA VENGARA, MALAPPURAM

കണ്ണമംഗലം പഞ്ചായത്തിൽ നാലാം
വാർഡിൽ പ്രവർത്തിച്ചുവരുന്ന വി കെ എം
കോറി 2020-2021 വർഷത്തിലെ CSR
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MARCH വരെയുള്ള
കാലയളവിൽ. ഹംസ വടക്കയിൽ S/O
പോക്കർ ചേറൂർ . വീടുപണിക്ക് M
SAND കൊടുത്തതിന് 4300 രൂപ
ചെലവഴിച്ചു

സ്ഥലം ചേറൂർ
Date. 07-03-21

V.K.M. STONE CRUSHER
KANNAMANGALAM
P.O. CHERUR
VIA VENGARA, MALAPPURAM



KHM HIGHER SECONDARY SCHOOL, VALAKKULAM

VALAKKULAM.P.O, Pin.676508, Malappuram Dt.,Edl. Dt: Tirurangadi, Rev. Dt.: Malappuram
Email: khmhsvalakulam@gmail.com, Ph: 0494 2496753, Mob: 9895 435944

Ref. No:

Date :

From

The Headmaster / Manager

To

VK-7 Stone Crusher
Cherur. P.O
Kannamangalam
Vengara, Malappuram

കോളിനോൻ കമ്പ്യൂട്ടററാർൽ റിപ്പോർട്ട്
പ്രകാരം ഓ. രജ. റി. റെഗിസ്ട്രേഷൻ ചെലവ്
മുഖേതമുള്ള കർമ്മങ്ങൾക്ക് Rs: 9990/-
രേഖകൾ അയക്കാൻ അറിയിക്കുന്നതിനായി
അറിയിപ്പ് ഉൾക്കൊള്ളുന്ന കോർഡർ അയക്കുന്നു.

അയക്കുക,
28.7.2021.



MUHAMMED BASHIR. PK
HEAD MASTER
K.H.M.H.S. SCHOOL
VALAKKULAM 676 508



അലിവ്
ചാരിറ്റി സൊസൈറ്റി

സി.എച്ച്. സായം,
ബസ്സ്റ്റാന്റ്, വേങ്ങര
മലപ്പുറം ജില്ല, കേരള
ഫോൺ: 0494 2457778

നമ്പർ 4515

തീയതി 26/04/21

V.K.M Stone CRUSHER

പക്കൽ നിന്ന്

Five thousand only

രൂപ

നന്ദിപുരവും കിട്ടിബോധിച്ചു.

₹ 5000/-

alivu

[Signature]
ഒപ്പ്



അലിവ്
ചാരിറ്റി സൊസൈറ്റി

സി.എച്ച്. സായം,
ബസ്സ്റ്റാന്റ്, വേങ്ങര
മലപ്പുറം ജില്ല, കേരള
ഫോൺ: 0494 2457778

നമ്പർ 5112

തീയതി 27/4/2021

V.K.M Crusher chena Manjerara

പക്കൽ നിന്ന്

Fifteen thousand Rupees only

രൂപ

നന്ദിപുരവും കിട്ടിബോധിച്ചു.

₹ 15000/-

alivu

[Signature]
ഒപ്പ്

V.K.M STONE CRUSHER

KANNAMANGALAM - P.O. CHERUR
VIA VENGARA, MALAPPURAM

office 9562600900

കണ്ണമംഗലം പഞ്ചായത്തിൽ നാലാം വാർഡിൽ
പ്രവർത്തിച്ചുവരുന്ന വി കെ എം കോറി 2021-2022
വർഷത്തിലെ CSR ഫണ്ട് ചെലവഴിക്കുന്നതിന്റെ
ഭാഗമായി September വരെയുള്ള കാലയളവിൽ പാട്ടയിൽ
അയ്യപ്പൻ ചേറൂർ കല്യാണത്തിന് 2000 രൂപ ചെലവഴിച്ചു

സ്ഥലം ചേറൂർ

Date 08-04-2021

V.K.M. STONE CRUSHER
KANNAMANGALAM
P.O. CHERUR
VIA VENGARA, MALAPPURAM

V.K.M STONE CRUSHER

KANNAMANGALAM - P.O. CHERUR
VIA VENGARA, MALAPPURAM

office 9562600900

കണ്ണമംഗലം പഞ്ചായത്തിൽ നാലാം വാർഡിൽ
പ്രവർത്തിച്ചുവരുന്ന വി കെ എം കോറി 2021-2022
വർഷത്തിലെ CSR ഫണ്ട് ചെലവഴിക്കുന്നതിന്റെ
ഭാഗമായി September വരെയുള്ള കാലയളവിൽ
ചികിത്സ സഹായത്തിന് ചേറൂർ പടപ്പറമ്പ് കൊടിഞ്ഞിൻ
കാരികുട്ടി ക്ക് 2000 രൂപ കൊടുത്തു

സ്ഥലം ചേറൂർ
Date 07-08-2021

V.K.M. STONE CRUSHER
KANNAMANGALAM
P.O. CHERUR
VIA VENGARA, MALAPPURAM

V.K.M STONE CRUSHER

KANNAMANGALAM - P.O. CHERUR
VIA VENGARA, MALAPPURAM

office 9562600900

കണ്ണമംഗലം പഞ്ചായത്തിൽ നാലാം വാർഡിൽ
പ്രവർത്തിച്ചുവരുന്ന വി കെ എം കോറി 2021-2022
വർഷത്തിലെ CSR ഫണ്ട് ചെലവഴിക്കുന്നതിന്റെ
ഭാഗമായി September വരെയുള്ള കാലയളവിൽ VP
സുബ്രഹ്മണ്യൻ SO കുഞ്ഞാണി ചേറൂർ ചെന്നക്കപ്പറമ്പ്
കല്യാണത്തിന് 2000 രൂപ ചെലവഴിച്ചു

സ്ഥലം ചേറൂർ

Date 05-04-2021

V.K.M. STONE CRUSHER
KANNAMANGALAM
P.O. CHERUR
VIA VENGARA, MALAPPURAM

V.K.M STONE CRUSHER

KANNAMANGALAM - P.O. CHERUR
VIA VENGARA, MALAPPURAM

office 9562600900

കണ്ണമംഗലം പഞ്ചായത്തിൽ നാലാം വാർഡിൽ
പ്രവർത്തിച്ചുവരുന്ന വി കെ എം കോറി 2021-2022
വർഷത്തിലെ CSR ഫണ്ട് ചെലവഴിക്കുന്നതിന്റെ
ഭാഗമായി September വരെയുള്ള കാലയളവിൽ
സൈതലവി കണ്ണിയത്ത് ചേറൂർ മകളുടെ കല്യാണത്തിന്
3000 രൂപ ചെലവഴിച്ചു

സ്ഥലം ചേറൂർ

Date 01-07-2021

V.K.M. STONE CRUSHER
KANNAMANGALAM
P.O. CHERUR
VIA VENGARA, MALAPPURAM

V.K.M STONE CRUSHER

KANNAMANGALAM - P.O. CHERUR
VIA VENGARA, MALAPPURAM

office 9562600900

കണ്ണമംഗലം പഞ്ചായത്തിൽ നാലാം വാർഡിൽ
പ്രവർത്തിച്ചുവരുന്ന വി കെ എം കോറി 2021-2022
വർഷത്തിലെ CSR ഫണ്ട് ചെലവഴിക്കുന്നതിന്റെ
ഭാഗമായി September വരെയുള്ള കാലയളവിൽ ഹംസ
പുലിക്കോടൻ (so) മുഹമ്മദ് ചേറൂർ വി കെ മാട്
വീടുപണിക്ക് metal കൊടുത്തതിന് 2400 രൂപ
ചെലവഴിച്ചു

സ്ഥലം ചേറൂർ

Date 04-04-2021

V.K.M. STONE CRUSHER
KANNAMANGALAM
P.O. CHERUR
VIA VENGARA, MALAPPURAM

V.K.M STONE CRUSHER

KANNAMANGALAM - P.O. CHERUR
VIA VENGARA, MALAPPURAM

office 9562600900

കണ്ണമംഗലം പഞ്ചായത്തിൽ നാലാം വാർഡിൽ
പ്രവർത്തിച്ചുവരുന്ന വി കെ എം കോറി 2021-2022
വർഷത്തിലെ CSR ഫണ്ട് ചെലവഴിക്കുന്നതിന്റെ
ഭാഗമായി March വരെയുള്ള കാലയളവിൽ P
പരമേശ്വരൻ SO വേലായുധൻ ചേറൂർ കൊട്ടേക്കാട്
പറമ്പ് പ്രളയത്തിൽ മതിൽ പൊളിഞ്ഞു വീണു വീടിന്റെ
മതിൽ റിപ്പയറിംഗ് ചെയ്യുന്നതിലേക്ക് ലേക്ക് 6000 രൂപ
കൊടുത്തു

സ്ഥലം ചേറൂർ

Date 16-10-2021

V.K.M. STONE CRUSHER
KANNAMANGALAM
P.O. CHERUR
VIA VENGARA, MALAPPURAM

ANNEXURE 7
MONITORING REPORT

TEST REPORT

Test Report No: 20210726/R001	Date: 26.07.2021	Page 1 of 1
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CUSTOMER DETAILS	
Customer Name & Address	Mr. V. Moideen, Managing Partner M/s. V.K.M Stone Crusher, Cherur P.O, Kannamangalam, Vengara Malappuram District, Kerala- 676 508.
Customer Reference	Test Request dt: 13.07.2021

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	20210726/S001
Sample Name	Ambient Air	Sample Received on	17.07.2021
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	18.07.2021
Sampled by	Lab Authorized Sampler	Test Completed on	19.07.2021

DETAILS OF SAMPLING			
Sampling Location	Project Site	Date of Sampling	17.07.2021
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	-----

SAMPLING SITE DETAILS			
Re-Survey No.	Re-Survey No.. 103/2		
Village	Kannamangalam	Taluk	Thirurangadi
District	Malappuram	State	Kerala


TEST RESULTS- CHEMICAL PARAMETERS					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ Standards
1	Particulate Matter, PM ₁₀	IS 5182 (Part 23):2006	µg/m ³	43.2	Max 100
2	Particulate Matter, PM _{2.5}	EPA 40 CFR (Part 50) Appendix - L	µg/m ³	17.7	Max 60
3	Sulphur Dioxide as SO ₂	IS 5182 (Part 2): 2001 RA 2017	µg/m ³	<2.00	Max 80
4	Oxides of Nitrogen as NO ₂	IS 5182 (Part 6): 2006 RA 2017	µg/m ³	<2.00	Max 80

Remarks:

End of Report


Rija Joseph
 Technical Manager
 Checked by:




Laiju P.N.
 Laboratory Head
 Authorized Signatory

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

Standard^S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
 Web: www.sealabs.in, E-mail: seaalab@gmail.com

TEST REPORT

Test Report No: 20210726/R002	Date: 26.07.2021	Page 1 of 1
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CUSTOMER DETAILS

Customer Name & Address	Mr. V. Moideen, Managing Partner M/s. V.K.M Stone Crusher, Cherur P.O, Kannamangalam, Vengara Malappuram District, Kerala- 676 508.
Customer Reference	Test Request dt: 13.07.2021

DETAILS OF MONITORING

Product Category	Atmospheric Pollution	Sample Code	20210726/S002
Sample Name	Ambient Noise	Monitoring Commenced on	17.07.2021
Monitoring Location	Project Site	Monitored by	Lab Authorized Sampler
Test Method	IS 9989:1981 RA:2008		

MONITORING SITE DETAILS

Re-Survey No.	Re-Survey No.. 103/2		
Village	Kannamangalam	Taluk	Thirurangadi
District	Malappuram	State	Kerala

MONITORING RESULTS - Leq

TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	36.2	14:00	51.3	22:00	37.1
07:00	37.8	15:00	52.4	23:00	33.2
08:00	43.2	16:00	52.9	24:00	36.6
09:00	48.6	17:00	53.6	01:00	36.2
10:00	51.9	18:00	46.2	02:00	35.9
11:00	54.2	19:00	44.2	03:00	35.6
12:00	52.7	20:00	40.6	04:00	37.2
13:00	50.8	21:00	37.9	05:00	36.4

TEST RESULTS

Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	49.2
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	36.7

Remarks:

End of Report



Rija Joseph
Technical Manager
Checked by:




Laiju P.N.
Laboratory Head
Authorized Signatory

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TEST REPORT

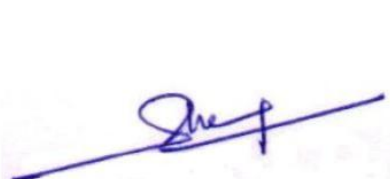
Test Report No: 20210726/R003	Date: 26.07.2021	Page 1 of 2
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CUSTOMER DETAILS	
Customer Name & Address	Mr. V. Moideen, Managing Partner, M/s. V.K.M Stone Crusher, Cherur P.O, Kannamangalam, Vengara Malappuram District, Kerala- 676 508.
Customer Reference	Test Request dt: 13.07.2021

SAMPLE DETAILS			
Product Category	Water	Sample Code	20210726/S003
Sample Name	Pond water	Sample Received on	17.07.2021
Sample Conditions at Receipt	Fit for Analysis	Temperature @ Receipt	----
Sample Quantity& Packing	1L & 100ml Plastic Bottle	Test Commenced on	18.07.2021
Sampled by	Not Drawn by Laboratory	Test Completed on	19.07.2021

SAMPLING SITE DETAILS			
Re-Survey No.	Re-Survey No.. 103/2		
Village	Kannamangalam	Taluk	Thirurangadi
District	Malappuram	State	Kerala

TEST RESULTS- CHEMICAL PARAMETERS					
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
1	Colour	IS 3025 (Part 4):1983 RA 2017	Hazen	1.00	Max 5
2	Odour	IS 3025 (Part 5):2018	---	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10):1984 RA 2017	NTU	0.16	Max 1
4	pH	IS 3025 (Part 11):1983 RA 2017	---	7.74	6.50 - 8.50
5	Conductivity	IS 3025 (Part 14):1984 RA 2019	µS/cm	97.7	---
6	Total Dissolved Solids	IS 3025 (Part 16):1984 RA 2017	mg/L	85.4	Max 500
7	Total Hardness as CaCO ₃	IS 3025 (Part 21):2009 RA 2019	mg/L	57.3	Max 200
8	Calcium as Ca	IS 3025 (Part 40):1991 RA 2019	mg/L	14.7	Max 75
9	Magnesium as Mg	IS 3025 (Part 46):1994 RA 2019	mg/L	< 1.00	Max 30
10	Chloride as Cl	IS 3025 (Part 32):1988 RA 2019	mg/L	5.16	Max 250
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23):1986 RA 2019	mg/L	15.7	Max 200



Shency Joy
Dy.TM-Chemical
Checked by




Salini T.S.
Microbiologist
Authorized Signatory



Laiju P.N.
Laboratory Head
Authorized Signatory

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Web: www.sealabs.in, E-mail: seaalab@gmail.com

TEST REPORT

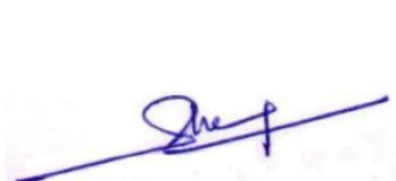
Test Report No: 20210726/R003	Date: 26.07.2021	Page 2 of 2
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TEST RESULTS- CHEMICAL PARAMETERS					
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
12	Iron as Fe	IS 3025 (Part 53):2003 RA 2019	mg/L	0.17	Max 1
13	Sulphate as SO ₄	IS 3025 (Part 24):1986 RA 2019	mg/L	1.26	Max 200

TEST RESULTS - BIOLOGICAL PARAMETERS					
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
1	Total Coliform Bacteria	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml
2	E coli	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml

Remarks:

End of Report



Shency Joy
Dy. TM-Chemical
Checked by




Salini T.S.
Microbiologist
Authorized Signatory



Laiju P.N.
Laboratory Head
Authorized Signatory

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Web: www.sealabs.in, E-mail: seaalab@gmail.com

TEST REPORT

Test Report No: 20210726/R004	Date: 26.07.2021	Page 1 of 2
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CUSTOMER DETAILS	
Customer Name & Address	Mr. V. Moideen, Managing Partner, M/s. V.K.M Stone Crusher, Cherur P.O, Kannamangalam, Vengara Malappuram District, Kerala- 676 508.
Customer Reference	Test Request dt: 13.07.2021

SAMPLE DETAILS			
Product Category	Pollution & Environment	Sample Code	20210726/S004
Sample Name	Soil	Sample Received on	17.07.2021
Sample Conditions at Receipt	Fit for Analysis	Temperature @ Receipt	----
Sample Quantity & Packing	500g & Plastic Bag	Test Commenced on	18.07.2021
Sampled by	Not drawn by laboratory	Test Completed on	19.07.2021
Information Provided by Customer	---		

DETAILS OF SAMPLING			
Sample Source	Project site	Date of Sampling	17.07.2021
Sampling Procedure	SEAAL/ENL/GEN/SOP/08	Sample Temperature	-----

SAMPLING SITE DETAILS			
Re-Survey No.	Re-Survey No.. 103/2		
Village	Kannamangalam	Taluk	Thirurangadi
District	Malappuram	State	Kerala

TEST RESULTS- CHEMICAL PARAMETERS				
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT
1	pH	IS 10158: 1982 RA 2014	---	6.46
2	Electrical Conductivity	IS 14767: 2000 RA 2016	µS/cm	84.3
3	Water Holding Capacity	SEAL/EN/SLS/SOP/01	%	63.6



Rija Joseph
Technical Manager
Checked by:




Laiju P.N.
Laboratory Head
Authorized Signatory

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TEST REPORT

Test Report No: 20210726/R004	Date: 26.07.2021	Page 2 of 2
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TEST RESULTS- CHEMICAL PARAMETERS				
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT
4	Particle Size Distribution - Clay	Sieve Analysis	%	30.4
5	Particle Size Distribution - Sand	Sieve Analysis	%	26.3
6	Particle Size Distribution - Silt	Sieve Analysis	%	41.2
7	Organic Matter	IS 2720 Part 22:1992	%	0.34
8	Sodium as Na	EPA 3050 B	%	0.13
9	Chlorides	SEAAL/EN/SLS/SOP/01	%	0.08
10	Sulphate	IS 2720 Part 27: 1977	%	0.09
11	Total Kjeldahl Nitrogen (as N)	IS 14684 :1999 RA 2014	%	0.24
12	Available Potassium	SEAAL/EN/SLS/SOP/02	%	0.17
13	Total Phosphorous (as P)	IS 10158: 1982 RA 2014	%	0.08

Remarks:

End of Report



Rija Joseph
Technical Manager

Checked by:




Laiju P.N.
Laboratory Head
Authorized Signatory

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

Standard^S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

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