

COMPLIANCE REPORT

OCTOBER 2024 - MARCH 2025

M/s ST. GEORGE GRANITES

EC NO: 57/SEIAA/KL/7585/2012

DT. 15.03.2013

ERNAKULAM DISTRICT, KERALA

St. George Granites

PALACKAMATTOM, KINGINIMATTOM P.O., KOLENCHERY - 682 311
TELEPHONE : 0484 - 276 0208, MOBILE : 9645083239, 964 5083 236
E-mail : st.georgegranites@gmail.com

Date: 16-03-2025

The Additional Principal Chief Conservator of Forests (C)
Ministry of Environment, Forests & Climate Change,
4th Floor, E & F Wing, Kendriya Sadan,
Koramangala, Bangalore - 560034

Ref :- FileNo. 57/SEIAA/KL/7585/2012

Sub :- Environment Clearance-Quarry project at Marady Village, Marady
Panchayath, Muvattupuzha Taluk, Ernakulam District, Kerala.-
Compliance Report – Second half – Reg.

Respected Sir,

The Quarry (Building stone) project was accorded Environmental Clearance for 3.8164 Ha. by order No. 57/SEIAA/KL/7585/2012 dated 15.03.2013 by State Environmental Impact Assessment Authority, Kerala. The compliance report of **Second Half** (October 2024 – March 2025) to the specific and general conditions of the Environment Clearance order is enclosed.

Thanking you,

Yours respectfully,

For
M/s St. George Granites

Encl: - As Above

Copy to :The Member Secretary
State Environment Impact Assessment Authority (SEIAA)
Thiruvananthapuram.

**COMPLIANCE REPORT
TO
THE CONDITIONS
OF**

ENVIRONMENTAL CLEARANCE ORDER

NO: 57/SEIAA/KL/7585/2012

DATED ON: 15.03.2013

BY

**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY
(SEIAA)**

FOR

**BUILDING STONE QUARRY
(MINOR MINERAL MINING) PROJECT**

AT

**SURVEY NO. 1094/1-A, 1094/1-A1, 1094/1-A6, 1097/7-A, 1097/6-B2,
1101/3, 1097/7-B, 1097/6-A2, 1094/1-A27, 1097/6-B3, 1097/7-C2**

**MARADY VILLAGE, MARADY PANCHAYATH, MUVATTUPUZHA TALUK,
ERNAKULAM DISTRICT, KERALA**

BY

**M/s St. GEORGE GRANITES
ERNAKULAM DISTRICT, KERALA**

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INTRODUCTION

The quarry project of **M/s St. George Granites** is located at survey no. 1094/1-A, 1094/1-A1, 1094/1-A6, 1097/7-A, 1097/6-B2, 1101/3, 1097/7-B, 1097/6-A2, 1094/1-A27, 1097/6-B3, 1097/7-C2 Marady Village, Marady Panchayath, Muvattupuzha Taluk, Ernakulam District, Kerala.

The quarry project was accorded with the Environmental Clearance (EC) by State Environmental Impact Assessment Authority on 15.03.2013. As part of general condition No.25 of Environmental Clearance order, half yearly compliance report needs to be submitted by the project proponent.

The compliance report of Second half to the specific conditions and general conditions of the Environmental Clearance order for the period of **October 2024 – March 2025** is being submitted.

COMPLIANCE REPORT

(SPECIFIC CONDITIONS)

PART A

PART - A – SPECIFIC CONDITIONS

01	The storm water should be channelized to a pit that has to be retained in the central area of the proposed mine.
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Compliance:

A pit in the central area of the mine has developed. The photograph of the pit developed in the mine lease area is given below. As part of storm water management, the project proponent has constructed drain at entire mining area to channelize the storm water in to the existing pond in the site. The storm water drainage and its exit from the site are fully functional at all the time. The pit will be retained for storm water management.



02	Indigenous varieties of horticultural crops having edible fruits should also be cultivated as part of eco-restoration.
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Compliance:

The project proponent has planted various varieties of horticultural crops and fruit bearing trees in the project site as part of compensatory a forestation and concurrent eco restoration. The project proponent can plant various varieties as cultivation during the post closure of mine on the restored area. The extraction of minerals is being progressing in the project site. The list of planted tree saplings is provided below

Trees of Mango tree, Jackfruit, Guea , Ramboottan , Melbury , Rose apple

The photograph of tree is provided below



COMPLIANCE REPORT

(GENERAL CONDITIONS)

PART B

PART – B – GENERAL CONDITIONS

01	Rain water harvesting to collect and utilize the entire water falling in land area should be provided.
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Compliance:

As part of conservation of rain water, the proponent has constructed a rain water harvesting pond in the project site to collect rain water falling in the entire mining area. The collected rain water is being used for irrigation purposes, watering of plants, wetting of roads, supply to public and for dust suppression system (mainly sprinklers system). The RWH facility can also act as a de-siltation pond or clarifier.

02	Environment monitoring cell as agreed under the affidavit filed by the proponent should be formed and made functional.
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Compliance:

Environmental Monitoring Cell (EMC) was formed with Mr. Kuriakose I. Mathai (proprietor of St. George Granites) as head and made functional. Meeting of monitoring cell regularly convenes and discussed the status of the compliance of the specific and general conditions contained in the Environmental Clearance (EC) order. The details of members in the EMC is provided below

Sl. No.	Name of Members	Designation
1	Kuriakose, Owner	Chairman
2	Mahesh V, Accountant	Member
3	Manu Varghese, Supervisor	Member
4	Rajan, Worker	Member
5	Mukesh Kumar, Foreman	Member

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

The project proponent has planted many species along either side of the road constructed in the project site. Avenue trees can perform as dust regulation mechanism therefore the project proponent is intending to plant more saplings along the road side and parking area, where the vegetation is less. There are natural vegetation including trees, shrubs and climbers growing in the sides of the tarred road and open parking areas.

04	The project shall incorporate devices for solar energy generation and utilization wherever possible.
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Compliance:

As part of reduce the consumption of energy from conventional sources, energy conservation and to use renewable energy, the project proponent has installed 3 solar street lights in the project site. The consumption from renewable energy reduces the energy from conventional sources.

05	Sprinklers shall be installed and used in the project site to contain dust emissions
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Compliance:

The emission of dust is a major adverse effect of a mining industry. To prevent dust emission, sprinklers are installed in the project site. This help to suppress dust during the time summer season. The project proponent has deployed a vehicle with water tanker to splash water on the mining area, haulage road and public road.

06	The eco-restoration plan submitted with the proposal should be fully implemented.
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Compliance:

The eco restoration plan prepared is being executed in a good manner. The project proponent has started to plant various saplings in and around the project site. The mining in the EC obtained area is under progress.

07	Corporate social responsibility agreed upon by the proponent should be implemented
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Compliance:

The project proponent has executed various activities under Corporate Social Responsibility of the firm. The main activities were under various sectors worth Rs. 4,37,315. The bill and vouchers against CSR activities done in this period is attached as **Annexure No.1**.

08	Barbed metal wire fencing around the mining area shall be provided with a height of not less than 5 ft so that the falling of animals/human/belongings/dumping of garbage's etc. does not happen.
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Compliance

As part of demarcation of lease area and to ensure safety, barbed metal wire fencing was installed around the mining area at 5ft height. This prevents the falling of animals/ human/dumping of garbage's etc, in to the mining area. The fencing maintains at all time.



09	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of explosive department.
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Compliance:

Installation of warning alarm is mandatory as per the explosive department to provide warning regarding blasting to the nearby community and labors. A warning alarm has installed in the project area to attain this object. It is working properly prior to the blasting. A danger board is also installed which gives information about the blasting time to the general public. The photograph of the sign board mentioning blasting time is attached given below



10	Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials
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Compliance:

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 and tiled. The project is spraying water on the road to arrest the dust during summer season. The project proponent is maintaining access road to the quarry in good condition for dust emission. The photograph of the tiled approach road is given below



11	Overburden material should be managed within the site and the old quarries, if any, should be reclaimed and restored
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Compliance:

The project converted a slope area into terraces by systematically dumping the overburden. To prevent soil erosion this has been covered with a *geotex* coir mat and planted grass. As part of eco - restoration, the project is intending to plant various saplings and medicinal plants on the prepared terrace area. All overburden generated from the mining area is managed within the site.

12	Height of benches should not exceed 5m and width should not be less than 5m.
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Compliance:

The volume of extracted minerals was low therefore the benches are being developed as benches. All mining activities are progressing under the supervision of qualified persons. To enhance safety and to make environment friendly quarrying, the excavation activity in the project progresses by creating benches of 5m width x 5m height. The copy of certificate of First class manager is attached at **Annexure No2**. The photograph of the mining area is attached below



13	Mats to reduce fly rock blast to a maximum of 15 PPV should be provided.
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Compliance:

The project proponent is using blasting mats to reduce fly rocks during the time of blasting. The project proponent is using NoNEL technology for blasting therefore the problem with fly rock in the community is nil. The project can also assure the maximum PPV is under 10 with the controlled blasting operations under the supervision of qualified persons.

14	Mining depth should not exceed beyond 40m, unless otherwise specifies or not below the level of nearest stream bed whichever is less.
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Compliance:

The exploration of building stone has been maintained as 40 m MSL in the mining area as agreed in the proposal. To ensure this, the project appointed second class manager and mining mate as qualified personals to supervise the mining activities. The all activities of these qualified persons is being under the supervision and monitoring of Environment Monitoring Cell.

15	Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of greenbelt and hollow brick envelope for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB
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Compliance:

To reduce the impact of sound to the labours in the unit, the project has provided ear plugs. Vegetation around the mining area helps to reduce noise and air pollution. This helps the noise level kept within prescribed standards as per CPCB/KSPCB standards. The project proponent is trying to enhance the

vegetative cover by planting more tree saplings. The project is regularly monitors the ambient noise level at the project site by an approved laboratory.

16	Assurance in the form of affidavit should be given to SEIAA that eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.
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Compliance:

Assurance in the form of affidavit was already submitted to SEIAA Kerala after getting the Environmental Clearance. co restoration in the mining plan and mine closure plan will be done the own cost of the project proponent.

17	Garland drains to be provided in the lower slopes around the core area to channelize storm water.
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Compliance:

To channelize the storm water falling in the mine lease area, the proponent has constructed garland drain around the project site in the lower slopes. This drain leads to the de siltation traps, which is situated at the lowest portion of the project site.

18	Debris/ silt traps to be provided to prevent entry of dust and quarry wastes entering the main streams.
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Compliance:

As part of effective storm water management, the project proponent has constructed storm water drains in the lower slopes of the project area. This helps to channelize the storm water to the rain water collection pond and the most of the debris is settling down in the bottom of the pond. The project proponent has constructed de siltation traps in the lower slopes of the project area for storm water management to prevent the quarry waste from the site to the mainstreams.

19	All other statutory clearances should have been obtained as applicable, by the project proponents from the respective competent authorities that for blasting and storage of explosives.
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Compliance:

All statutory approvals required for the quarrying activity is obtained. The copy of the approvals obtained is provided at **Annexure No. 3, 4, 5, 6 & 7.**

Table 1- The details of statutory approvals

Name of the Statutory approval	Name of the Statutory authority
“Consent to Operate”	Kerala State Pollution Control Board
Environmental Clearance order	State Environmental Impact Assessment Authority, Kerala
Explosive License	Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)
License for quarry operations	Gram Panchayat
Lease order	Directorate of Mining and Geology

20	In case of any change(s) in the scope of the project, the project would require a fresh appraisal by this authority.
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Compliance:

The project proponent is working in the mine lease area which is within the EC obtained area. There is no change in the scope of the project. The project proponent will seek for a fresh Environmental clearance In the case of any change(s) in the scope of the project.

21	The authority reserved 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.
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Compliance:

If the authority instructs to add additional safeguard measures subsequently for enhancing safety and eco friendly mining, the project proponent will be complied with.

22	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 liability (Insurance) Act, 1991 and EIA notification, 2006.
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Compliance:

The stipulated orders and directions under different act and notification including EIA notification are being scrupulously followed. A brief list of various Acts and notifications which are followed by the proponent is given below

- Kerala Minor Mineral Concession Rules, 2015.
- Mines Act, 1952
- Explosive Rules, 2008
- Kerala Panchayat Raj Act, 1994
- Water Pollution (Prevention & Control) Act, 1974
- Air Pollution (Prevention & Control) Act, 1981
- Environment Protection Act, 1986
- EIA Notification, 2006 / 2009

23	The project proponent should advertise in at least two local newspapers widely circulated in the region. One of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters area available with the Department of Environment and climate change, Govt. of Kerala 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 should be forwarded to the office of this authority as confirmation.
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Compliance:

An advertisement in two news paper regarding the accordance of environmental clearance to the quarrying activity was given within stipulated period and the copy of the same was submitted to SEIAA.

24	A copy of the clearance letter shall be sent by the proponent to concerned Gram Panchayat / District Panchayat / Municipality / Corporation / Urban local Body and also to the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.
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Compliance:

A copy of the Environment Clearance letter was submitted to the Panchayat Office. The project proponent did not receive any suggestions / representation from anywhere while the processing the proposal

25	The proponent shall submit six monthly reports on the status of compliance of the stipulated EC conditions including results of
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	monitored data (both in hand copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also the Directorate of Environment and Climate Change, Govt. of Kerala.
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Compliance:

The compliance report is being regularly submitted to the Regional Office of MoEF&CC, Govt. of India and State environment Impact Assessment Authority, (SEIAA) Kerala, as e mail. The result of monitored data is provided in compliance report. The monitored results are attached as **Annexure No. 8 9 &10.**

26	The conditions of the environmental clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman fond size of not less than 40.
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Compliance:

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.

27	The proponent shall provide affidavit that all the conditions stipulated in the EC shall be scrupulously followed.
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Compliance

An affidavit stating that all the conditions stipulated in the Environmental clearance will be scrupulously followed was submitted to State Environmental Impact Assessment Authority.

ANNEXURE

Annexure No.1.

Details of amount spent under CSR

SECTORS	ACTIVITIES	BENEFICIARIES	AMOUNT SPENT IN RS
HEALTH	FOR FOOD PROVISIONS	CARE TOUCH FOUNDATION	1000
	FOR FOOD PROVISIONS	MOTHER CHARITABLE TRUST	1000
	FOR FOOD PROVISIONS	EMMANUEL CHARITABLE TRUST	500
	FOR FOOD PROVISIONS	SALSNEHA BHAVAN CHARITABLE SOCIETY	1000
	FOR FOOD PROVISIONS	AASRAYAM CHARITABLE TRUST	1500
	FOR FOOD PROVISIONS	MATHRUKA CHARITABLE TRUST	200
	FOR FOOD PROVISIONS	CHRIST SERVENTS MINISTRIES TRUST	1000
	FOR FOOD PROVISIONS	MOTHER CHARITABLE TRUST	500
	FOR FOOD PROVISIONS	CHRISTURAJA PRAYER CENTRE	10000
	FOR FOOD PROVISIONS	CHRISTSERVANTS MINISTRIES TRUST	500
	FOR FOOD PROVISIONS	KANIVU SNEHA NIDHI	500
	FOR FOOD PROVISIONS	ELDHOSE M SUNNY	100
	FOR FOOD PROVISIONS	CARE TOUCH FOUNDATION	1000
	TREATMENT SUPPORT	MURALI	10000
	TREATMENT SUPPORT	SUBHASH A A	5000
	TREATMENT SUPPORT	CHILD HELP FOUNDATION CANCER PATIENTS	3000
	TREATMENT SUPPORT	SABU JOHN	10000
	TREATMENT SUPPORT	ANISH JOSEPH	3000
	TREATMENT SUPPORT	VINOJ M S	5000
	TREATMENT SUPPORT	CHQ PAID	10000
	TREATMENT SUPPORT	TREATMENT HELP	1000
	TREATMENT	CARE TOUCH FOUNDATION	1000

	SUPPORT		
	TREATMENT SUPPORT	JOYAL SHIJIN	10000
	TREATMENT SUPPORT	BINCY GEORGE	1000
	TREATMENT SUPPORT	MURALI M N	10000
	TREATMENT SUPPORT	BENCY MANITHOTTAM	5000
	TREATMENT SUPPORT	MOHANRAJ VM	10000
	TREATMENT SUPPORT	BIJU E G	10000
	TREATMENT SUPPORT	RAJEEV E G	1500
	TREATMENT SUPPORT	PAVITHRAN K K	10000
	TREATMENT SUPPORT	VINAYAN M N	20000
	TREATMENT SUPPORT	MOHANRAJ VM	10000
	TREATMENT SUPPORT	MURALI M N	20000
	TREATMENT SUPPORT	YESODA MANI	15000
	TREATMENT SUPPORT	TREATMENT HELP	15000
	TREATMENT SUPPORT	SHINE BOSE TS	10000
MARRIAGE	MARRIAGE	BINESH M R	1300
	MARRIAGE	ALLIANS MATRIMONIALS	10000
	MARRIAGE	ALLIANS MATRIMONIALS	10000
CULTURE	DONATION FOR CHURCH	PIRAMADOM CHURCH	5000
	DONATION FOR CHURCH	KAYANADU YACOBAYA SURIYANI CHURCH	9900
	DONATION FOR CHURCH	KAYANADU YACOBAYA SURIYANI CHURCH	9900
	DONATION FOR CHURCH	KAYANADU YACOBAYA SURIYANI CHURCH	9900
	DONATION FOR CHURCH	KAYANADU YACOBAYA SURIYANI CHURCH	9900
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	CHURCH		
	DONATION FOR CHURCH	KAYANADU YACOBAYA SURIYANI CHURCH	9900
	DONATION FOR CHURCH	KAYANADU YACOBAYA SURIYANI CHURCH	9900
	DONATION FOR CHURCH	KAYANADU YACOBAYA SURIYANI CHURCH	1000
	DONATION FOR CHURCH	ST MARYS ORTHODOX SURIYANI CHURCH	500
	DONATION FOR CHURCH	ST PETERS&STPAULS ORTHODOX SYRIAN CHURCH KOLENCHERY	1000
	DONATION FOR CHURCH	PALACKAMATTOM ST GEORGE CHAPPEL	500
	DONATION FOR CHURCH	ST PAULS SUNDAY SCHOOL	500
	DONATION FOR CHURCH	ST PETERS SUNDAY SCHOOL PALACKAMATTOM	1000
	DONATION FOR CHURCH	ST MARYS ORTHODOX SURIYANI CHURCH POOTHRIKKA	5000
	DONATION FOR CHURCH	ST MARYS YACOBAYA SURIYANI CHAPPEL	5000
	DONATION FOR CHURCH	ST MARYS YACOBAYA SURIYANI CHAPPEL	5000
	DONATION FOR CHURCH	PALACKAMATTOM ST GEORGE CHAPPEL	500
	DONATION FOR CHURCH	ST MARYS CHURCH POOTHRIKKA	3000
	DONATION FOR CHURCH	ST GEORGE CHAPPEL PALACKAMATTOM	500
	DONATION FOR CHURCH	STJOHNS BETHLEHEM JACOBITE SYRIAN CHURCH PIRAMADAM MVPA	7500
	DONATION FOR CHURCH	STJOHNS BETHLEHEM JACOBITE SYRIAN CHURCH PIRAMADAM MVPA	7500
	DONATION FOR CHURCH	ST GEORGE CHAPPEL PALACKAMATTOM	500
	DONATION FOR CHURCH	VATTASSERIL MAR DEEVANIYOS CATHOLICATE CENTRE (PRASANTHI BHAVAN)	1000
	DONATION FOR CHURCH	ST PETERS&STPAULS ORTHODOX SYRIAN CHURCH KOLENCHERY	2400
	DONATION FOR CHURCH	CHURCH(AJU PHILIP FATHER)	25000
	DONATION FOR CHURCH	STGEORGE ORTHODOX SYRIAN CHURCH KADAMATTOM	300
	DONATION FOR TEMPLE	SREE BALASUBRAMANYA TEMPLE PALACKAMATTOM	5000
	DONATION FOR TEMPLE	AYYAPPA SEVA SAMATHY VADAYAMPADY	2000

	DONATION FOR TEMPLE	MARADY THRIKKA BHAGAVATHY TEMPLE	5000
	DONATION FOR TEMPLE	MARADY THRIKKA BHAGAVATHY TEMPLE	5000
	DONATION FOR TEMPLE	MARADY SREE BHAGAVATHY TEMPLE	5000
	DONATION FOR TEMPLE	MARADY SREE BHAGAVATHY TEMPLE	5000
	DONATION FOR TEMPLE	MAHISHASURA MARDINI TEMPLE KAYANADU	9000
	DONATION FOR TEMPLE	MAHISHASURA MARDINI TEMPLE KAYANADU	9000
	DONATION FOR TEMPLE	MAHISHASURA MARDINI TEMPLE KAYANADU	7000
	DONATION FOR TEMPLE	ILLATHUMALA BHAGAVATHY SASTHA TEMPLE UNNAKUPPA MVPA	2000
	DONATION FOR TEMPLE	THRIKKEKOVIL SREE MAHADEVA TEMPLE PALACKAMATTOM	5000
	DONATION FOR TEMPLE	SREE BALASUBRAMANYA TEMPLE PALACKAMATTOM	5000
HOUSING	LIFE LINE HOUSE RUBBLE	ISSAC E V KAYANADU	9500
	LIFE LINE HOUSE RUBBLE	MATHAI KOTTAPURATH	9500
	P MAY HOME	JINO MARADY	9800
	LIFE LINE HOUSE RUBBLE	JINOPIRAMADOM	9950
	LIFE LINE HOUSE RUBBLE	SOPHIA NIRAPPEL	9500
	LIFE LINE HOUSE RUBBLE	SINTO SAJI	9500
	LIFE LINE HOUSE RUBBLE	AKHILA MANIYATTUSSERY	9900
WELFARE	DONATION	KERALA KARSHAKA SANGHAM	500
		CHALLENGERS FOOTBALL TOURNAMENT	2000
		RIBELS ARTS&SPORTS CLUB	1000
		PARISTHITHY SAMRAKSHANA VEDI	500
		GLOBAL HUMAN RIGHT VISION	500
		KERALA NIYAMA SAHAYA SAMATHY	3000
		TIK SEVEN ARTS&SPORTS CLUB VARSHIKAM	1000
		TIK SEVEN ARTS&SPORTS CLUB	10000
		GLOBAL HUMAN RIGHT VISION	1000
		KERALA CULTURAL CENTRE	5000
		ALL KERALA CRICKET TOURNAMENT	1000
EDUCATION	DONATION	PIRAVOM UPAJILLA SCHOOL KALOISAVAM RAMAMANGALAM SCHOOL	10000

		MARADY SCHOOL MERINA A C CASH	10000
		MARADY SCHOOL MERINA A C CHQ	10000
		SCHOOL N B PAUL	20000
		KAYANADU SHOOOL MERINA AC	10000
		MARADY SHOOOL SOBINA BINU	30000
		SCHOOL N B PAUL	10000
		SHINE JOSEPH SCHOOL	10000
		TOTAL	664550

CSR Details

ANNEXURE No. 2


 खान अधिनियम 1952
 THE MINES ACT 1952

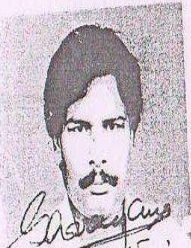
प्रथम श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र धातुउत्पादक खान के प्रबंध हेतु
MANAGER'S FIRST CLASS CERTIFICATE OF COMPETENCY TO MANAGE A METALLIFEROUS MINE
 (धातुउत्पादक खान विनियम, 1961 के अन्तर्गत)
 (Under the Metalliferous Mines Regulations 1961)

पी. पांडीयन ✓

जिनको जन्म तिथि 27 ~ 11 ~ 1962 है, विनियम 18 के अन्तर्गत अनुमोदित खनन अभियांत्रिकी में डिप्लोमा प्राप्त करने पर एवं दिनांक नवम्बर, 1997 को आयोजित विहित परीक्षा में उत्तीर्ण होने पर एतद्द्वारा धातुउत्पादक खान के प्रबंध हेतु प्रथम श्रेणी प्रबंधक सक्षमता प्रमाण-पत्र प्रदान किया जाता है।
 यह प्रमाण-पत्र 09 ~ 06 ~ 1998 से प्रभावी समझा जाएगा।

M. Pandian ✓

born on 27th November, 1962 ✓ possessing a Diploma
 in Mining Engineering approved under Regulation 18 and having passed the prescribed examination held on
 November, 1997 ✓ is hereby granted MANAGER'S FIRST CLASS CERTIFICATE OF COMPETENCY to manage
 a metalliferous mine. This Certificate is effective from 09 ~ 06 ~ 1998 ✓


 सदस्य
 खनन परीक्षा बोर्ड
 Members of the Board of
 Mining Examinations.


CERTIFIED THAT THIS IS THE
 TRUE COPY OF THE ORIGINAL
 01/06/2014
 श्री मन्मथ
 Chairman of the Board of
 Mining Examinations

KUMARI JAYA.N.
 ADVOCATE & NOTARY
 Reg.No. 106/97/EKM.
 KOLENCHERY - 682 311
 KERALA - INDIA

Signed and Sealed
 Date: 19
 9 6 APR 1998

Certificate of First class manager

Annexure No.3



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/EKM/DOII/ICO-R/R15ERNA1292319/2023
Date of issue :15/07/2023

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : PCB/EKM/DOII/ICO-R/18565688/2023

Ref : Consent No : R15ERNA1292319 Date of issue :16/04/2018 Valid upto 30.06.2023.

The 'Integrated Consent to Operate' issued as per reference above to M/s QUARRY OWNED BY KURIAKOSE I MATHAI, MARADY, MUVATTUPUZHA is hereby renewed up to 09/10/2026 and issued to M/s QUARRY OWNED BY KURIAKOSE I MATHAI, MARADY, MUVATTUPUZHA. The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	CATEGORY	RED
2	CAPITAL INVESTMENT	Rs.95.55 LAKHS
3	ANNUAL FEE	Rs. 22,000/-
4	FEE REMITTED	Rs. 11,0000/-
5	SURVEY NUMBERS	1094/1-A 1094/1-A1 1094/1-A6 1097/7-A 1097/6-B2 1101/3 1097/7B 1097/6-A2 1094/1-A27 1097/6-B3 1097/7-C2
6	VALIDITY	09/10/2026

II. Stack Details

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

III. CONDITIONS

Page I

- 3.1 For renewal of the consent in case of continuance of operation of the quarry, application in the prescribed form shall be submitted through the web portal of the Board for Online Consent Management & Monitoring System 2 months prior to the date of expiry. Late application will be accepted only with fine.
- 3.2 This consent is granted based on the Circular no: PCB/HO/CIRCULAR/51/2019 dated 04 /05/2022 and letter of the Geologist dated 13.07.2023. The quarrying shall be done after obtaining all statutory/ necessary clearances from concerned authorities and is valid only when all other clearances from other concerned authorities are valid.
- 3.3 The consent issued from the board is only with respect to the powers vested under the water Act 1974, Air Act 1981 and The Rules there under. The operation of the quarry shall be commenced only after obtaining clearances from all concerned Authorities.
- 3.4 There shall not be any quarrying activity between 6 pm to 6 am.
- 3.5 Mining activities shall be done only in the area marked by Mining & Geology.
- 3.6 The PM10 in ambient air at the boundary shall not exceed 100 microgram/m³
- 3.7 The PM 2.5 in ambient air at the boundary shall not exceed 60 microgram/m³
- 3.8 The sound level (Leq) at 1 m outside the boundary of the site should not exceed the ambient noise Standard applicable to the adjoining areas.
- 3.9 Conditions given in the Environmental clearance shall be strictly complied with.
- 3.10 Mining shall be only done as per the mining plan attached with EC.

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

Sajeesh Joy

Digitally signed by
Sajeesh Joy
Date: 2023.07.15
16:39:22 +05'30'

DATE :15/07/2023

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER, DO2, EKM



To
Sri. KURIAKOSE I. MATHAI
PROPRIETOR
M/s. QUARRY OWNED BY KURIAKOSE I MATHAI
MARADY
MUVATTUPUZHA

Page2

Renewed consent to operate

Annexure No.4



Proceedings of the State Environment Impact Assessment Authority Kerala

Present: Dr. A.E. Muthunayagam, Chairman; Prof. (Dr.) K.P. Joy, Member; Sri. James Varghese IAS, Member Secretary

Sub: SEIAA Kerala - Proposed quarry project in Survey Nos. 1094/1-A, 1094/1-A1, 1094/1-A6, 1097/7-A, 1097/6-B2, 1101/3, 1097/7-B, 1097/6-A2, 1094/1-A27, 1097/6-B3, 1097/7-C2 at Marady Village, Marady Panchayath, Muvattupuzha Taluk, Ernakulam District, Kerala by M/s St. George Granites – Environmental Clearance under EIA Notification 2006 accorded – Orders issued

Environmental Clearance

No. 57/SEIAA/KL/7585/2012

dated, Thiruvananthapuram 15-03-2013

ORDER

The Proprietor of M/s St. George Granites, vide their application received on 14-11-2012, has sought environmental clearance under the EIA Notification, 2006 for the quarry project at Marady Village, Marady Panchayath, Muvattupuzha Taluk, Ernakulam District, Kerala. The proposal has been appraised by the State Level Expert Appraisal Committee Kerala constituted by the competent authority as per prescribed procedure in the lights of provisions under the EIA Notification-2006 and subsequent amendments, in its 10th meeting held on 26th and 27th November 2012 and also in the 12th meeting held on 2nd February, 2013 AND on the basis of the supporting documents enclosed with the application viz., the Form – 1, questionnaire for mining projects, pre-feasibility report, Environment Management Plan and the additional clarifications furnished in response to the observations, the SEAC, Kerala recommended environmental clearance to the project.

It is interalia, noted that the project comes under the Category B, Activity 1(a) of Schedule of EIA Notification 2006. The proposed project site falls within 9°57' N and 76°32' E. The proposed project is for quarrying of 2,29,000 TPA of building granite stone from an area of 3.8164 hectare (38,147.66 m²) of land. The expected life of mine will be 11 years. The proposed project activity involves about 70% of the pit area for exploring granite building stone. At the end of life of mine, the reclaimed area will be suitably planted and the remaining void at lower levels of excavated pit will be utilized as water storage/ground water recharge and will be utilized for domestic/agricultural purposes. The proposed project does not involve any underground mining activities. The mining will be done by open cast semi mechanised method of mining. The bench height and width proposed is 5 m. The exploitation of mineral is being done from 155-40 m RL in conceptual phase. A total quantity of 19,050 m³ of top soil from two pits will be removed during the mining operations. The top soil will be utilized for green belt development/plantation and will also be utilized for filling the low lying areas or adjacent quarry site. The sewage of 0.8 KLD generated from the mine office will be diverted to the septic tank followed by soak pit. The daily water requirement of 5 KLD will be met from storm water / bore well. There will be fugitive emissions generated during material handling, transportation, loading, unloading, etc. that are proposed to be managed by regular water sprinkling on haul road, green belt development, avoiding overloading of vehicles and limiting the speed of the vehicles. The mineral produced from the proposed mine will be sent to the crusher plant located at around 15 km towards west at Palakkamattom for crushing it to the required size before dispatching it to end use.

The SEIAA considered the proposal in its 13th meeting held on 13th December 2012 and 15th meeting held on 22nd February 2013. The SEIAA, after due consideration of the relevant documents and additional clarifications submitted by the project proponent, and in view of the recommendations of SEAC, approved for issuance of Environmental Clearance for the project mentioned above at its 15th meeting held on 22nd February 2013. Accordingly, the State Level Environment Impact Assessment Authority (SEIAA) Kerala constituted by Govt. of India vide Notification No. S.O. 2484(E) dt.3-11-

Page 1 of 4

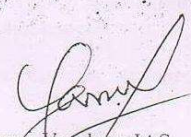
2011 of Ministry of Environment and Forests, Govt. of India, published as Gazette extraordinary No. 2074 on 3-11-2011, hereby accord necessary Environmental Clearance for the above project as per powers vested with it under the provisions of Environment Impact Assessment Notification – 2006 and subsequent amendments and also under the provisions made in the O.M. No. L-11011/47/2011-IA.II(M) dated 18th May 2012 of the Ministry of Environment and Forests, Government of India, and further subject to strict compliance of the following specific conditions, and the general conditions contained in the Annexure, which shall also form a part of this document.

1. The storm water should be channelized to a pit that has to be retained in the central area of the proposed mine.
2. Indigenous varieties of horticultural crops having edible fruits should also be cultivated as part of eco-restoration.

Compliance of the above conditions will be monitored by the Directorate of the Department of Environment and Climate Change, Government of Kerala or its agencies and also by the Regional Office of the Ministry of Environment and Forests, Government of India located at Bangalore. Necessary support for entry and inspection should be provided by the project proponent to the staff of the Directorate and Ministry for monitoring purposes.

The given address of correspondence of the Authorized Signatory of the project is:- Mr. Kuriakose I. Mathai, Proprietor, M/s St. George Granites, Palackamattom, Kinginimattom P.O., Kolenchery, Kerala – 682311; Telephone No: 0484-2760208.

Agency with NABET accreditation for EIA is:- M/s Enkay Enviro Services, 24-B, Basement, Dadu Marg, Gopal Bari, Jaipur-302001; Tel. No. 0141-2363996/4023996; Fax No: 0141-5118996; E-mail: info@enkayenviro.com


 Y/o James Varghese IAS
 Member Secretary, SEIAA
 and Principal Secretary to Government
 Environment Department

To
 ✓ Mr. Kuriakose I. Mathai
 Proprietor
 M/s St. George Granites
 Palackamattom, Kinginimattom P.O.
 Kolenchery, Kerala – 682311.

Copy to :

1. The Principal Secretary, Environment Dept., Government of Kerala, Secretariat
2. The Director, Dept. of Environment and Climate Change, Govt. of Kerala, Tvm – 24.
3. IA-Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi - 110003
4. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block Koramangala, Bangalore-560034
5. Chairman and Members of SEIAA Kerala
6. Chairman, SEAC Kerala
7. Website uploading
8. Stock file

Annexure

**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY KERALA
GENERAL CONDITIONS (for mining projects)**


- (i) Rain water harvesting to collect and utilize the entire water falling in land area should be provided.
- (ii) Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.
- (iii) Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, inclusive of approach road and internal roads.
- (iv) The project shall incorporate devices for solar energy generation and utilization wherever possible.
- (v) Sprinklers shall be installed and used in the project site to contain dust emissions.
- (vi) The eco-restoration plan submitted with the proposal should be fully implemented.
- (vii) Corporate Social Responsibility agreed upon by the proponent should be implemented.
- (viii) Barbed metal wire fencing around the mining area shall be provided with a height of not less than 5 ft so that falling of animals/human/belongings/dumping of garbages etc. does not happen.
- (ix) Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.
- (x) Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.
- (xi) Overburden materials should be managed within the site and the old quarries, if any, should be reclaimed and restored.
- (xii) Height of benches should not exceed 5 m and width should not be less than 5 m.
- (xiii) Mats to reduce fly rock blast to a maximum of 15 PPV should be provided.
- (xiv) Mining depth should not exceed beyond 40 m, unless otherwise specified or not below the level of nearest stream bed, whichever is less.
- (xv) 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.
- (xvi) Assurance in the form of affidavit should be given to SEIAA that eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.
- (xvii) Garland drains to be provided in the lower slopes around the core area to channelize storm water.
- (xviii) Debris/ silt traps to be provided to prevent entry of dust and quarry wastes entering the main streams.

- (xix) All other statutory clearances should have been obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.
- (xx) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.
- (xxi) 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.
- (xxii) 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 Liability (Insurance) Act, 1991 and EIA Notification, 2006.
- (xxiii) The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority 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 should be forwarded to the office of this Authority as confirmation.
- (xxiv) A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat/ District Panchayat/ Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.
- (xxv) The proponent shall submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data **(both in hard copies as well as by e-mail)** and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also to the Directorate of Environment and Climate Change, Govt. of Kerala.
- (xxvi) The conditions of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font of size of not less than 40.
- (xxvii) The proponent should provide affidavit that all the conditions stipulated in the EC shall be scrupulously followed.

Sd/-
Member Secretary, SEIAA Kerala

EC order

ANNEXURE No. 5


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

संख्या (No.): E/SC/KL/22/898(E41970) दिनांक (Date): 26/02/2024

सेवा में | To,
Shri Kurakose I Mathai,
Ithunickal House, Kizhinnattom P.O. - 682311, Kolenchery Taluk, District: Ernakulam (Kerala), Town/Village - Kolenchery
District-ERNAKULAM, State-Kerala, Pincode - 682311

विषय: Survey No(s) 1094/1A, ग्राम Marady Village, Muvattupuzha Taluk, District: जिला ERNAKULAM, राज्य Kerala में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञापि सं E/SC/KL/22/898(E41970) के नवीनीकरण संदर्भ में।

Subject: Possession for Use of Explosives from magazine situated at Survey No(s): 1094/1A, Marady Village, Muvattupuzha Taluk, District: Dist. ERNAKULAM, Kerala - Licence No.: E/SC/KL/22/898(E41970) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या 108619 दिनांक 12/02/2024 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञापि दिनांक 31/3/2019 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।

Reference to your letter No.: 108619 dated: 12/02/2024, the subject licence duly renewed upto 31/3/2029 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith

अनुज्ञापि के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/2029 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 31/3/2029.

- प्ररूप आरई-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन।
- Application in Form RE-1 duly filled in and signed.
- एक से पाँच वर्ष के अनुज्ञापि शुल्को का, विस्फोटक नियम, 2008 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से लाइसेंस शुल्क ऑनलाइन जमा किया जाना है।
- Licence fees renewable for one to five years, to be submitted online through e-payment facility available on online application portal under the Explosives Rules, 2008.
- अनुमोदित प्लान के साथ मूल अनुज्ञापि।
- 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.
- विस्फोटक के क्रय हेतु आरई-11 में मांगपत्र (इंडेंट) आपूर्तिकर्ता को दिया जाए और उसी की एक प्रति इस कार्यालय को भेजी जाए (अतिशबाजी 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 विस्फोटक की त्रैमासिक विवरणी हर तिमाही के अंत में आरई-7 में प्रस्तुत की जाए। विवरणी इस कार्यालय के कार्यालय में आगामी तिमाही के 10 तारीख से पहले पहुंच जानी चाहिए (अतिशबाजी 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 ऑपरेशन एक राक्षम 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 ऑपरेशन 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

(दीपक कुमार | Deepak Kumar)
विस्फोटक नियंत्रक | Controller of Explosives
कृते उप मुख्य विस्फोटक नियंत्रक | For Dy. Chief Controller of Explosives
कोची | Ernakulam

प्रतिलिपि प्रेषित | Copy Forwarded to:
1. जिला मजिस्ट्रेट (District Magistrate), ERNAKULAM (Kerala)- सूचना के लिए (for information.)

कृते उप मुख्य विस्फोटक नियंत्रक | For The Dy. Chief Controller of Explosives.
कोची | Ernakulam

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

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

Digitally signed by Deepak Kumar
Reason: Licence No.: E/SC/KL/22/898


अनुज्ञापि प्ररूप एल. ई.-3 | LICENCE FORM LE-3
(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)
(See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)

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

अनुज्ञापि सं. (Licence No.): E/SC/KL/22/898(E41970)
वार्षिक फीस रुपए (Annual Fee Rs): 2400/-

1. Licence is hereby granted to

Shri Kuriakose I. Mathai (अधिभोगी / Occupier : Kuriakose I. Mathai), Ithunickal House, Kinginimattom P.O.-682311, Kolenchery Taluk, District: Ernakulam (Kerala), Town/Village - Kolenchery, District-ERNAKULAM, State-Kerala, Pincode - 682311



को अनुज्ञापि अनुदत्त की जाती है।

2. अनुज्ञापिधारी की प्राप्ति | Status of licensee : Individual

3. अनुज्ञापि निम्नलिखित प्रयोजनों के लिए विधिमय्य है। : possess for use of Nitrate Mixture, Safety Fuse, Detonators, - के उपयोग के लिए
Licence is valid only for the following purpose.

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

क्र. सं.	नाम और विवरण	वर्ग और प्रभाग	उप-प्रभाग	मात्रा किसी एक समय में
Sr. No.	Name and Description	Class & Division	Sub-division	Quantity at any one time
1.	Nitrate Mixture	2, 0	0	125 Kg.
2.	Safety Fuse	6, 1	0	3500 Mtrs
3.	Detonators	6, 3	0	4000 Nos.

20 times as above.

(ख) किसी एक कैलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा (अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञापि के लिए)
(b) Quantity of explosives to be purchased in a calendar month applicable for licence under article 3(b) and (c) :

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञापित परिसर की पुष्टि होती है।
The licensed premises shall conform to the following drawing(s) :
रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/898(E41970)
दिनांक (Dated) 19/11/2007

6. अनुज्ञापि परिसर निम्नलिखित पते पर स्थित है। The licensed premises are situated at following address:
Survey No(s). 1094/1A., ग्राम (Town/Village) : Marady Village, Muvattupuzha Taluk, District: पुलिस थाना (Police Station) : Ramangalam
जिला (District) : ERNAKULAM राज्य (State) : Kerala पिनकोड (Pincode)
दूरभाष (Phone) : ई. मेल (E-Mail) : फैक्स (Fax)

7. अनुज्ञापि परिसर में निम्नलिखित सुविधाएं अंतर्भूत हैं।
The licensed premises consist of following facilities.
A set of G(Sr.No.765) & G (Sr.No.766) type Portable Magazines (Mfd by m/s Nobel : Engg&Fab.Unit,Cochin) & one no of D type magazine mfd by thekkans engg and fabrication works

8. अनुज्ञापि समय - समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपावहनों 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, सन्निकृष्ट संबंधी और अन्य विवरण दर्शित करते हुए)।
Drawings (showing site, constructional and other details) as stated in serial No. 5 above.

2. अनुज्ञापि प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञापि 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 अनुज्ञापि तारीख 31 मार्च 2009 तक विधिमय्य रहेगी। This licence shall remain valid till 31st day of March 2009.
यह अनुज्ञापि, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञापि की शर्तों का अधिक्रमण करने या यदि अनुज्ञापि परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निरवधि या प्रतिसंहत की जा सकती है, जहां वह लागू हो।
This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

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

तारीख | The Date - 19/11/2007

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 02/03/2011
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 30/12/2011
- Amendment in Drawings/Facilities/Premises dated : 30/08/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 18/12/2017

नवीनीकरण के पृष्ठानक 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
26/02/2024	31/03/2029	Dy. Chief Controller of Explosives, Ernakulam


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

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


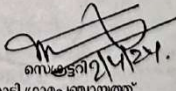
Digitally signed by Deepak Kumar
Reason: Licence No.: E/SC/KL/22/898

License to possess and use of Explosives

ANNEXURE NO. 6


 മറാടി ഗ്രാമപഞ്ചായത്തിൽ നിന്നും
 1994ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകളും
 അതേ തുടർനുള്ള ചട്ടങ്ങളും അനുസരിച്ച്
 ഫാക്ടറികൾ, വ്യാപാരങ്ങൾ, സംരംഭങ്ങൾ, മറ്റു സേവനങ്ങൾ എന്നിവയ്ക്കായി നൽകുന്ന
ലൈസൻസ്
 നമ്പർ : 400663/RPTL20/GPO/2024/564 തീയതി : 02.04.2024

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	കര്യംകോസ്റ്റ് ഐ മത്തായി, ഇന്ത്യണിക്കൽ, കിങ്ങിണിമറ്റം പി.ഒ, കോലമഞ്ചേരി	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	സെന്റ് ജോർജ് ക്യാരി	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	ക്യാരി നടത്തുന്നതിന്	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	സർവ്വേ നം : 1097/7A , 1097/7B , 1097/7C2 , 1097/6A2 , 1097/6B2 , 1097/6B3 , 1094/1A-1	
ലൈസൻസ് കാലയളവ്	01-04-2024 മുതൽ 31-03-2025 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	₹15000	രസീത് നം: 1230302998 തീയതി: 23-02-2024
തൊഴിൽക്കരം	₹1250 + ₹1250	രസീത് നം: 1230302998 തീയതി: 23-02-2024
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാകേക്കപത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)	1, കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡിൽ നിന്നുള്ള അനുമതി CONSENT NO: PCB/EKM/DOII/CO-R/18565688/2023 ,DATE OF ISSUE: 15/07/2023 ,VALIDITY UP TO :09/10/2026 2, ജില്ലാ കളക്ടറുടെ / ചീഫ് കൺട്രോളർ ഓഫ് എക്സ്പ്ലോസിവിന്റെ അനുവാദപത്രം NO : E/SC/KL/22/898(E41970) ,DATE OF ISSUE: 26/02/2024 ,VALIDITY UP TO :31/03/2029 3, മൈനിംഗ് & ജിയോളജി വകുപ്പിൽ നിന്നുള്ള അനുമതി NO: 417/2017-18/7939/M3/2015/DMG തീയതി :05/10/2017 4, സ്റ്റേറ്റ് എൻവയോൺമെൻ്റ് ഇംപാക്ട് അസസ്സ്മെൻ്റ് അതോറിറ്റിയുടെ അനുമതി നം: 57/SE1AA/KL/7585/2012 തീയതി 06/04/2013 5, പാറപൊട്ടിക്കുന്ന ആളുടെ വൈദ്യുത സംബന്ധിച്ച സാക്ഷ്യപത്രം.	



SECRETARY
MARADY GRAMA PANCHAYATH

License from Gram Panchayat

ANNEXURE No. 7

Mineral Concession Order - Minor Mineral Mining - Lease to Shri. Kuriakose I Mathai, Ithoonickal House, Kinginimattom. P. O, Ernakulam District - 682 311 and Proprietor, M/s. St. George Granites, Kinginimattom. P.O - sanctioned - orders - issued

- Ref 1. Application dtd. 03/07/2015 from Shri. Kuriakose I Mathai, Ithoonickal House, Kinginimattom. P. O, Ernakulam District - 682 311 and Proprietor, M/s. St. George Granites, Kinginimattom. P.O
2. Letter No. DOE/3228/E2/15 dtd. 17/07/2015, 26/11/2015, 10/02/2016, 31/07/2017 from the Geologist, District Office, Ernakulam
3. Pro.order. No. 57/SEIAA/KL/7585/2012 dtd. 15/03/2013 of the State Environment Impact Assessment Authority, Thiruvananthapuram, Kerala
4. Kerala Minor Mineral Concession Rules, 2015.

No. 417/2017-18/7939/M3/2015/DMG

Dated, Thiruvananthapuram 05/10/2017

ORDER

A quarrying lease is granted to Shri. Kuriakose I Mathai, Ithoonickal House, Kinginimattom. P. O, Ernakulam District - 682 311 and Proprietor, M/s. St. George Granites, Kinginimattom. P.O to quarry Granite (Building Stone) over an area of 1.2656 Hectares of land comprised in Sy. Nos. 1097/7A, 1097/7B, 1097/7C2, 1097/6A2, 1097/6B2, 1097/6B3, 1094/1A-1 of Marady Village, Muvattupuzha Taluk, Ernakulam District for 12 (Twelve) years from the date of execution of the quarrying lease deed under the Kerala Minor Mineral Concession Rules, 2015 and as per the survey map issued by the Tahsildar, Muvattupuzha and the approved Mining Plan and environmental clearance submitted by the applicant subject to the under mentioned conditions.

1. Royalty is payable to Government as per Rule 32 of the Kerala Minor Mineral Concession Rules, 2015 in respect of minor mineral quarried and moved out of the quarry subject to revision from time to time on the basis of amendments to the schedule I of the said Rules.
2. Dead rent is realizable under 40(1)(d) of the said rules subject to revision from time to time on the basis of amendments to the schedule II of the said rules.
3. Surface rent realizable under 40(1)(e) of the said rules will be equal to the land revenue assessed by the Revenue Department subject to revision from time to time on the basis of the land revenue.
4. The lessee shall execute a quarrying lease deed within a period of six months from the date of this order in form 'H' as per Rule 43 of the Kerala Minor Mineral Concession Rules, 2015.
5. The lessee shall also deposit an amount of Rs 10,000/- (Rupees Ten Thousand only) per hectare as security deposit for the observance of the terms and conditions of the lease before the deed is executed as per rule 42 of the said rules. The lessee shall commence quarrying operation only after the deed is executed and registered.
6. The quarrying area shall be demarcated and boundary stones fixed at the lessee's expenses before execution of the quarrying lease deed.
7. The lessee shall not win and dispose of any type of dimension and decorative stones from the area over which the quarrying lease has been sanctioned on the strength of this order.
8. The production of Granite (Building Stone) from the area covered under this grant shall be subject to the quantity specified in the Mining Plan submitted by the lessee and the same is restricted to 30,000 Metric Tonnes per year.
9. (i) The lessee shall erect a notice board in Malayalam at a prominent place with a minimum size of 1 metre X 1.5 metres in a metallic board near to the entrance of the quarry to the effect that it shall contain the name and address of the permit holder, mineral concession number and date, the mineral to be extracted, permit number and date and its date of expiry, quantity of extraction permitted (if applicable). Area of extraction permitted, explosives used (if any), etc.

the lessee shall fence the quarry and take all necessary precautions for preventing accidents by falling of human beings, animals, vehicles or any materials into the quarry. The lessee should take effective preventive measures for the safety of labourers as well as the general public.

11. The lessee shall leave a distance of 7.5m from the boundaries of adjacent properties including government puramboke land while carrying out quarrying operations.
12. The lessee shall not assign, sublet or transfer his lease or any right or interest therein to any person without previous permission of the Director of Mining & Geology.
13. The lessee shall pay tax related to Revenue Department, if any, as directed by them and the details should be furnished to the Geologist periodically.
14. The lessee shall operate the quarry in accordance with the condition stipulated in the environmental clearance and mining plan submitted by them.
15. The lessee shall obtain all other statutory licences/clearances/No Objection Certificates from other authorities concerned including Explosive licence, consent from Pollution Control Board and D & O licence from the Local Self Government Department concerned.
16. The lessee shall produce scheme of mining before completion of five years of operation of the quarry.
17. The lessee shall produce a financial guarantee for Rs. 1,00,000/- (Rupees one lakh only) as stipulated in rule 62 of KMMC Rules 2015, before execution of lease deed.
18. The lessee shall pay 10% of the amount of royalty/consolidated royalty as the case may be paid by them, being the quarry safety fund in addition to the royalty/consolidated royalty, as per rule 63 of KMMC rules, 2015.
19. The lessee shall carryout mining operations as per the approved mining plan.
20. The quarrying permit granted from the district office, if any, in the area of this quarrying lease is hereby stands cancelled from the date of this order.

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


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

To
Shri. Kuriakose I Mathai, Ithoonickal House, Kinginimattom. P. O,
Ernakulam District - 682 311 and Proprietor, M/s. St. George Granites,
Kinginimattom. P.O

Copy to:

1. The Director of Mines Safety,
No.5, 100FT,Road,17th Main, Koramangala 4th Block
Bengaluru, Karnataka - 560034
2. The District Collector, Ernakulam.
3. The Geologist, District Office, Ernakulam
4. The Tahsildar, Muvattupuzha
5. Stock File (2),File copy

(BY ORDER)
[Signature]
05/10/2017
SENIOR SUPERINTENDENT



Lease order from Directorate of Mining and Geology

ANNEXURE No. 8



TEST REPORT

Test Report No:20241115/R059	Date: 14-12-2024	Page 1 of 1
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CUSTOMER DETAILS	
Customer Name & Address	M/s St.George Granite Propriator Kuriakose I Mathai Ethoonickal (H), Kinginimattom, Kolenchery, Ernakulam District
Customer Reference	Test Request dt : 04-12-2024

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	20241115/S059
Sample Name	Ambient Air	Sample Received on	09-12-2024
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	10-12-2024
Sampled by	Lab Authorized Sampler	Test Completed on	12-12-2024

DETAILS OF SAMPLING			
Sampling Location	Near East Side Boundary	Date of Sampling	09-12-2024
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	68%

SAMPLING SITE DETAILS			
Survey No	1094/1A, 1094/1A1, 1094/1A6, 1094/1A27, 1097/6A2, 1097/6B2, 1097/6B3, 1097/7A, 1097/7B, 1097/7C2, 1101/3		
Village	Maradi	Taluk	Muvattupuzha
District	Ernakulam	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	57.2	Max 100
2	Particulate Matter, PM _{2.5}	EPA 40 CFR (Part 50)Appendix - L	µg/m ³	22.5	Max 60
3	Sulphur Dioxide as SO ₂	IS 5182 (Part 2): 2001 RA 2017	µg/m ³	2.90	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

Shency Joy
Dy.TM-Chemical
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: sealab@gmail.com

Result of ambient air

ANNEXURE No. 9



TEST REPORT

Test Report No: 20241115/R060		Date: 14-12-2024		Page 1 of 1	
CUSTOMER DETAILS					
Customer Name & Address		M/s St.George Granite Propriator Kuriakose I Mathai Ethoonickal (H), Kinginimattom, Kolenchery, Ernakulam District			
Customer Reference		Test Request dt :04-12-2024			
DETAILS OF MONITORING					
Product Category	Atmospheric Pollution	Sample Code	20241115/S060		
Sample Name	Ambient Noise	Monitoring Commenced on	09-12-2024		
Monitoring Location	Near East Side Boundary	Monitored by	Lab Authorized Sampler		
Test Method	IS 9989:1981				
MONITORING SITE DETAILS					
Survey No	1094/1A, 1094/1A1, 1094/1A6, 1094/1A27, 1097/6A2, 1097/6B2, 1097/6B3, 1097/7A, 1097/7B, 1097/7C2, 1101/3				
Village	Maradi	Taluk	Muvattupuzha		
District	Ernakulam	State	Kerala		
MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	38.6	14:00	51.7	22:00	37.4
07:00	41.4	15:00	52.1	23:00	37.8
08:00	45.8	16:00	53.3	24:00	37.4
09:00	49.4	17:00	53.7	01:00	38.2
10:00	51.7	18:00	48.2	02:00	37.8
11:00	54.9	19:00	44.6	03:00	38.5
12:00	52.1	20:00	40.6	04:00	37.4
13:00	51.3	21:00	40.1	05:00	39.2
TEST RESULTS- CHEMICALPARAMETERS					
Sl. No.	PARAMETERS		UNIT	RESULT	
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)		dB(A)	50.2	
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)		dB(A)	37.7	

Shency Joy
Dy.TM-Chemical
 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

Result of ambient Noise level

ANNEXURE No. 10

**TEST REPORT**

Test Report No: 20241115/R061	Date: 14-12-2024	Page 1 of 2
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CUSTOMER DETAILS	
Customer Name & Address	M/s St.George Granite Propriator Kuriakose I Mathai Ethoonickal (H), Kinginimattom, Kolenchery, Ernakulam District
Customer Reference	Test Request dt : 04-12-2024

SAMPLE DETAILS			
Product Category	Water	Sample Code	20241115/S061
Sample Name	Bore Well Water	Sample Received on	09-12-2024
Sample Conditions at Receipt	Fit for Analysis	Temperature @ Receipt	4°C
Sample Quantity & Packing	1L & 250ml Plastic Bottles	Test Commenced on	10-12-2024
Sampled by	Lab Authorized Sampler	Test Completed on	13-12-2024

DETAILS OF SAMPLING			
Sample Source	----	Date of Sampling	09-05-2024
Sampling Procedure	SEAAL/ENL/GEN/SOP/01 & SEAAL/MBL/SOP/06	Sample Temperature	28 °C

SAMPLING SITE DETAILS			
Survey No	1094/1A, 1094/1A1, 1094/1A6, 1094/1A27, 1097/6A2, 1097/6B2, 1097/6B3, 1097/7A, 1097/7B, 1097/7C2, 1101/3		
Village	Maradi	Taluk	Muvattupuzha
District	Ernakulam	State	Kerala

TEST RESULTS - CHEMICAL PARAMETERS					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	ACCEPTABLE LIMIT (IS 10500 - 2012)
1	Colour	IS 3025 Part 4:1983 RA 2017	Hazen	1.00	5.00 (Max)

Shency Joy
Dy.TM-Chemical
Checked by



Salini T.S.
Microbiologist
Authorized Signatory

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: 20221115/R061	Date: 14-12-2024	Page 2 of 2
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TEST RESULTS - CHEMICAL PARAMETERS					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	ACCEPTABLE LIMIT (IS 10500 - 2012)
2	Odour	IS 3025 Part 5:2018	---	Agreeable	Agreeable
3	Turbidity	IS 3025 Part 10:1984 RA 2017	NTU	0.3	1.00 (Max)
4	pH	IS 3025 Part 11:1983 RA 2017	---	6.76	6.50 - 8.50
5	Total Dissolved Solids	IS 3025 Part 16:1984 RA 2017	mg/L	198	500 (Max)
6	Total Hardness (as CaCO ₃)	IS 3025 Part 21:2009 RA 2019	mg/L	110	200 (Max)
7	Calcium (as Ca)	IS 3025 Part 40:1991 RA 2019	mg/L	30.4	75.0 (Max)
8	Magnesium (as Mg)	IS 3025 Part 46:1994 RA 2019	mg/L	8.28	30.0 (Max)
9	Chloride (as Cl)	IS 3025 Part 32:1988 RA 2019	mg/L	24.9	250 (Max)
10	Total Alkalinity (as CaCO ₃)	IS 3025 Part 23:1986 RA 2019	mg/L	30.1	200 (Max)
11	Iron (as Fe)	IS 3025 Part 53:2003 RA 2019	mg/L	0.12	1.00 (Max)
12	Sulphate (SO ₄)	IS 3025 Part 24:1986 RA 2019	mg/L	32.5	200 (Max)

TEST RESULTS - CHEMICAL PARAMETERS					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	ACCEPTABLE LIMIT (IS 10500 - 2012)
14	Total Coliform Bacteria	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml
15	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

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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Result of water