

Quarry project of

BULDING STONE QUARRY OF MR. SHAJITH. V.P

APPLICANT

*Sri. SHAJITH V.P
Managing partner
Valiyaparambath (H)
Valayam p.o
Kozhikode-673517*

PROJECT LOCATION	
<i>Area</i>	<i>5.9997 Ha</i>
<i>Re Sy.No</i>	<i>242(pt)</i>
<i>Village</i>	<i>Valayam</i>
<i>Taluk</i>	<i>Vadakara</i>
<i>District</i>	<i>Kozhikode</i>
<i>State</i>	<i>Kerala</i>

First Half Compliance Report

(Ref: E.C. No. 1131/EC/SEIAA/KL/2017dtd.17-03-2018 (EC No: 59/2018))

For the period up to

April 2021 – September 2021

Building Stone Quarry of Sri. V.P Shajith

VALAYAM,
KOZHIKODE

To,

The Director
Department of Environment and Climate Change
Government of Kerala

Sub: Environmental Clearance – Proposed quarry Project Sy. No. 242 (pt) at Valayam Village,
Vatakara Taluk, Kozhikode District, Kerala- First Half Compliance report-Reg.

Ref: File No.1131/EC/SEIAA/KL/2017dtd.17-03-2018 (EC No. 59/2018)

Respected Sir,

Our Quarry project was accorded with Environmental Clearance vide order 1131/EC/SEIAA/KL/2017 dtd.17-03-2018 (EC No. 59/2018). The First Half compliance report of the specific and general conditions of the Environmental clearance is enclosed.

Thanking You

Your Faithfully



Sri. Shajith V.P

Owner

Building Stone Quarry of Sri. Shajith. V.P

Copy to

The Regional Director

MoEF Regional Office , southern zone, KendriyaSadan, 4th Floor,

E&F Wing , II Block, Koramangala , Bangalore-560034.

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I. ABOUT THE PROPONENT

Sri. Shajith V.P, Owner of Building stone quarry of Sri. V.P Shajith in Valayam Village and Vatakara Taluk, Kozhikode District, Kerala state.

State Environment Impact Assessment Authority (SEIAA) Kerala accorded Environmental Clearance No. 1131/EC/SEIAA/KL/2017 to the quarry project Building stone quarry of Sri. V.P Shajith in Valayam Village, Vatakara Taluk, Kozhikode District, Kerala, managed by Sri. Shajith V.P.

The quarry project is controlled and managed by Sri. Shajith V.P, owner, Building stone quarry of Sri. V.P Shajith. Valiyaparambath House, Valayam P.O. Kozhikode– 673517; contact details. **Phone No: 7012707170**

E-mail: shajith731@gmail.com

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 Sy. No. 242 (Pt), at Valayam Village, Vatakara Taluk, Kozhikode District, Kerala State. The proposed project site falls within 11°46'19.57" N to 11°46'28.81" N and 75°41'41.35" E to 75°41'56.65" E.

b. Project extent and activity:

The project is for quarrying of 1,00,000 MTA of building stone from an area of 5.9997 hectares of land located as specified above.

d. Project description:

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

III. REPORT OF COMPLIANCE

A. SPECIFIC CONDITIONS

Item No	Stipulations in EC	Status of Compliance	Remarks
S-1	Mining should be restricted in the area where over burden is less than two meters	As per the approval mining plan during the five period of mining it was planned to start mining from southern most block falling with in BP No. 18 to 26and between BP No. 32 to 35. In this mining site hard rocks are exposed in the north western part near BP No. 26,32,34and 35. Here the soil thickness was around 1.5 meter the mining area falling North of this southern block between BP No. 26 to 32 is already having and abundant mine where the Overburden soil is exposed along the sections are about 2 meters. Considering the above aspects, the expected average soil thickness in this site was about 1.5 meter but when mining stated in southern block it was found that the soil thickness was as expected in the North West part of this block whereas soil thickness in the adjoining Eastern parts and Southern parts are quite thick varying between 1 to about 10 meters. This situation in this geologically due to structural	

		<p>disturbances because of faulting. A detailed geological study of the site recently helped in understanding in the geological setting of the area after opening in the mine. Block faulting as resulted downward displacement of both the Easterly and southerly block. The depression formed due to downward movement where subsequently got filled up by alluvial sediments which are presently represented as thick overburden.</p> <p>Identical situation is also preventing in Northern most block too. Considering this the proponent is taking extreme care to remove the overburden from such areas with in the mining site and stocking it in a proper pre identical dumping site to stock it for using road development and mine reclamation works. Since this is very peculiar situation due to aforesaid geological reason permission may be accorded to carry out mining areas where the soil thickness is more than 2 meters.</p>
S-2	Garland drainage settling ponds are to be developed properly.	<p>The proponent gives an undertaking data fully functional garland drainage plan suiting to the terrain topography will be mad as soon as the mine opening process progresses well and the benches are developed as per approved mining plan. As on now the mine is gradually getting established and so planning the garland drainage may need few more month time.</p>

S-3	Rare, endangered and endemic plants are to be protected.	There are no rare, endangered and endemic plants	
S-4	A Separate plot has to be set aside to plant rare species of plants.	The project proponent has planted rare species of plants in separate plot	
S-5	A separate area should be demarcated to transfer the overburden.	The project proponent has provided separate area for Overburden with retaining wall.	Refer Plate S 1
S-6	Road to quarrying site should be constructed and maintained as per rule.	To reduce emission of dust, The access road from the entrance of project site is tarred /concreted.	<u>Plate S-6:</u> Quarrying Road

B. GENERAL CONDITIONS

Item No	Stipulations in EC	Status of Compliance	Remarks
G-1	Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR,	Since the mining started a year ago, we couldn't make harvesting pond. It will implant upcoming days.	
G-2	Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.	An Environment Monitoring Cell is constituted and made functional	<u>Annexure G-2:</u> Details of Environment Monitoring Cell
G-3	Suitable avenue trees should be planted along either side of tarred road and open parking areas, if any, inclusive of approach road and internal roads.	The project proponent planted different avenue trees either side of roads, parking area other areas in the project land. There are natural vegetation 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.	Sprinklers are used in the project site to contain dust emissions.	
G-6	Eco-restoration including the mine closure plan shall be done at the own cost of the	It is assured that eco-restoration including the mine closure plan	

	project proponent.	will be done at the own cost of the project proponent.	
G-7	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with and overburden and planted with indigenous plant species that are eco-friendly. If, no other specific condition on reclamation of pit is stipulated in the E.C	At the time of the closure of the mine, it shall be ensured that the directions contained are scrupulously followed.	
G-8	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented in tune with the conditions specified in the Companies Act, 2013.	Activities towards Corporate Social Responsibility are being done in tune with the conditions specified in the Companies Act, 2013.	<u>Annexure G-8:</u> Copy of some receipts of corporate social responsibility.
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 demarcation and enhance safety, the project proponent has erected barbed metal wire fencing around the mining area with height of 4 ft. This will help to prevent falling of animals/human being/dumping of garbage etc. All the boundary indicators (boards, stores, marking, etc..)	<u>Plate G-9:</u> Fenced with barbed metal wires and Sign boards

		are protected	
G-10	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per Stipulations of Explosive Department.	Warning alarms shall be installed in the project site.	<u>Plate G-10:</u> Blasting time
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.	The quarrying activities are limited to day time only as per KSPCB guidelines. The quarry working time is 6.00 am to 6.00 pm. This will help to limit the sound pollution.	<u>Plate G-12:</u> Quarry working time board
G-13	Blasting should be done in a controlled manner as specified by the regulation of explosives Department or any other concerned agency.	The blasting is done in controlled manner by using Nonel (non electric 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	
G-14	A licensed person should supervise/control the blasting operations.	Scrupulously follows the directions contained.	
G-15	Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.	Access roads to the quarry site is tarred	<u>Plate G-15:</u> Access roads
G-16	Overburden materials should be managed within the site and used for reclamation of mine pit as per mined closure plan/ specific conditions.	The project proponent has provided separate area for Overburden with retaining wall.	Refer Plate S 1
G-17	Height of benches should not exceed 5 m and width should not be less than 5 m	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.	
G-18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	Mats are used during vibration studies	
G-19	Maximum depth of mining from general ground level at site shall not exceed 10m.	The maximum depth of mining is now above ground level.	

G-20	No mining operations should be carried out at places having a slope greater than 45°.	It is ensured that no mining is carried out at places having a slope greater than 45°, if any.	
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.	Acoustic enclosures are provided for the existing crusher unit located outside the project site.	
G-22	The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.	The workers on the site are provided with the required protective equipment such as ear muffs, helmet, etc.	
G-23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water	The proponent gives an undertaking data fully functional garland drainage plan suiting to the terrain topography will be mad as soon as the mine opening process progresses well and the benches are developed as per approved mining plan. As on now the mine is gradually getting established and so planning the garland drainage may need few more month time.	

G-24	The transportation of minerals should be done in covered trucks to contain dust emissions.	The transportation of minerals is done in covered trucks to contain dust emissions.	
G-25	The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.	Saplings of Irul, pala, Thanni, Thengu,kanjiram, Amathalli are planted	Plate G-25: Sapling
G-26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	The spent oil is being sold only to the recyclers.	
G-27	Explosives should be stored in magazines in isolated place specified and approved by Explosive Dept.	Explosives are stored in magazine located in isolated place.	
G-28	A Minimum buffer distance of 100 m from the boundary of the quarry to the nearest dwelling unit or other structure, not being any facility for mining shall be provided	scrupulously follows the directions contained	
G-29	100m buffer distance should be maintained from forest boundaries.	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.	Consent letter is attached	Annexure G-30; Consent order No; PCB/KKD/DO/8917/2018 issued by 05/09/2018 valid up to 16/03/2023
	All other statutory clearances should be	Clearing are obtaining from;	

G-31	obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.	<ol style="list-style-type: none"> 1. Valayam Grama Panchayath renewal License No; 37/19-20 issued by 09/04/2019 valid up to 31/03/2024) 2. Petroleum and Explosive safety Organization (formerly Department of Explosives) License (No. E/SC/KL/22/1177 (E59660) valid up to 31/03/2025 	<ol style="list-style-type: none"> <u>1. Annexure G- 31(1);</u> Valayam Grama Panchayath renewal License No37/19-20 issued by 09/04/2019 valid up to 31/03/2024) <u>2 Annexure G-31(2);</u> Copy of license (No. E/SC/KL/22/1177 (E59660) valid up to 31/03/2025 issued by the petroleum and Explosives Safety Organization.
G-32	In the case of any change 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 E.C is issued. The projects would require a fresh appraisal by this authority, for which the proponent shall apply and get the approval of this Authority.	The company shall abide by the directions of SEIAA Kerala in such a context, if arises	

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.	The company shall abide by the directions of SEIAA Kerala in Such a context, if arises.	
G-34	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with including the provisions of Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986. The Public Liability (Insurance) Act, 1991 and EIA Notification, 2006	Strict compliance is adhered to and is reviewed periodically by the top management.	
G-35	The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the	Advertisements regarding the obtaining of Environmental Clearance were given in two local newspapers and forwarded to SEIAA Kerala.	<u>Annexure G-35;</u> Advertisements regarding the obtaining of Environmental Clearance were given in two local newspapers and forwarded to SEIAA Kerala

	Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at www.environmentalclearance.nic.in . 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.		
G-36	A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat/ District Panchayat/ Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The Environmental clearance shall also be put on the website of the company by the proponent.	<ol style="list-style-type: none"> 1. Copy of EC has been forwarded to the secretary Valayam Grama Panchayath 2. Copy of EC displayed in the notice board of the mining site. 	
G-37	The proponent shall submit half yearly reports on the status of compliance of the stipulated EC Conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the Status of compliance of the stipulated EC	The compliance report is being submitted through online to the Directorate of Environment and climate Change, govt. of Kerala and also to the regional office of MoEF & CC Govt. of India	<u>Annexure G- 37;</u> Result of monitored data

	conditions, including results of monitored data on their website. It shall Sent to the Regional office of MoEF., Govt. of India and also to the State Environment Impact Assessment Authority (SEIAA) Office	monitoring	
G-38	The details 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.	The conditions of Environmental Clearance are prominently displayed in a metallic board.	Plate G-38: EC Display notice board
G-39	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.	Affidavit was submitted to DEIAA.	
G-40	No change in mining technology and scope of working should be made without prior approval of the SEIAA, No further expansion or modification in the mine shall be carried out without prior approval of the SEIAA, as applicable.	The conditions of DEIAA are strictly followed	
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 safe guard measures	Scrupulously will follow the direction contained	

	to protect the first order streams, if any originating from the mining lease shall be taken.		
G-42	Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended places loading and unloading points & transfer point to reduce fugitive emissions.	Scrupulously follow the direction contained Monitoring of Ambient Air Quality results is attached	Refer annexure G-37
G-43	The Top soil, if any, shall temporarily to be stored at earmarked sites, only. For the topsoil shall be used for land reclamation and plantation. The over burden generated during the mining operations shall be stacked at earmarked dump site only. The maximum height of the dumps shall not exceed 8 m and width 20m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the	The temporarily stored topsoil used only for land reclamation and plantation. It is ensured that the dump site where over burdens are stored should maintained at 45° of slope. This entire excavated area back Filled and the monitoring and management of rehabilitated area is done unit the vegetation there become self-sustained	Refer Plate S 1

	vegetation becomes self-sustaining.		
G-44	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilizing for watering the mine area. Roads, green belt development t etc. the drains shall be regularly desalted particularly after monsoon and maintained properly.	Mineral dumps and OB are maintained at the working site, in order prevent the runoff of water and sediments into water bodies. The drains are desalted regularly.	
G-45	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM 10 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.	Effective safeguard measures are adopted in critical areas that are prone to air pollution. Ambient air quality according to the norms of CPCB is followed in loading – unloading points and transfer points.	
G-46	Fugitive dust emissions from all the sources should controlled regularly. Water spraying arrangement on haul roads, loading and	There is a regular control on dust emission sources. Water spraying arrangements are properly	

	unloading and at transfer points should be provided and properly maintained	maintained	
G-47	Measures should be taken for control of noise levels below 85 dBA in work environment.	Measurements of noise levels are taken in the work environment.	
G-48	A separate environmental management cell with suitable qualified personal should be set-up under the control of a senior Executive, who will report directly to the head of the organization.	Environmental Monitoring Cell (EMC) was formed with Mr. Shajith P.V as head of monitoring cell. The EMC meeting convenes regularly to evaluate and monitoring quarrying work	
G-49	The funds earmarked for environmental protection measures and CSR activate should be kept in separate account and should be reported to the State Environment Impact Assessment Authority (SEIAA) office.	The project proponent executes various activities under CSR of the firm with consultation of panchayath	
G-50	The Regional Office of MOEF&CC Located at Bangalore shall extend full cooperation to the officer (S) of the Regional Office by furnishing the requisite data /information /monitoring reports	The mentioned condition is followed	
G-51	Any appeal against this Environmental	There is no appeal against EC	

	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		
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	Such a situation never come across	
G-53	The SEIAA may revoke or suspend the order, for non-implementation of any of the specific or this implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter /modify the above conditions or stipulate any further conditions in the interest of environment protection.	The conditions of SEIAA are strictly followed	
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 other authority for the same project.	No situation pertaining terms and conditions. All the conditions of the authorities are strictly followed.	
G-55	This order is valid for a period of 5 years or the expiry date of mine lease period issued	Scrupulously follow the directions contained	

	by the Government of Kerala whichever is earlier.		
G-56	The Environmental Clearance will be subject to the final order of the courts of the in any pending litigation related to the land or project, in any court of law.	There is no fault in the land or project.	
G-57	The mining operation shall be restricted to above ground water table and it should not intersect ground water table.	The mining operation shall be 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 talking Centre .washing of all vehicles shall be inside the lease area ‘	Vehicles used within mines have PUC certificate and washing of the vehicles areas alone inside the lease area.	
G-59	Project proponent should obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and ground water for the project.	Necessary permissions are and will be obtained as per the rules and regulations.	
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	Scrupulously follow the directions contained	

	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 corrective measures, if needed.	An efficient and approved surveillance program for workers being held periodically to ensure the health and safety of the workers.	

ANNEXURES

Annexure G-2:

Details of Environmental Monitoring Cell

SI No	Post	Name
1	Head of the Monitoring Cell	Shajith V.P
2	Head in Charge (Environment)	Fahad A.A
3	Senior Environmental Officer	Nijeesh
4	Environmental Service	V.K Ravi
5	Name of thE Officer Environment, health,and safety at site	Shaju Immanuel
6	Address of the Environmental Laboratory	Standard's Environmental Monitoring

List of plants

SI No	Name of the Plants	SI No	Name of the Plants
1	Kashumavu	9	Cheemakonna
2	Kanikonna		
3	Theku		
4	Kashumavu		
5	Mahagani		
6	Jackfruit		
7	Mango Tree		
8	Neem		

**Building Stone Quarry of
Mr.SHAJITH. V.P
CSR/CER Reports
April 2021 – September 2021**

സാക്ഷ്യപത്രം

വളരുംശ്രാമപഞ്ചായത്തിൽ 5,6,വാർഡുകളിൽ 2021 ഏപ്രിൽ മാസം കൂടിവെള്ള വിതരണം ചെയ്ത വകയിൽ ബിൽഡിങ്ങ് സ്റ്റോൺ ക്വാറി ഓഫ് ഉടമ ശ്രീ .പ്രദീപ് വി.പി എന്നവർ 45000 രൂപ, ചിലവഴിച്ചിട്ടുണ്ട് ആയത് ടിയാന്റെ C S R ൽ ഉൾപ്പെടുത്താറുണ്ടെന്നതാണ് എന്ന് സാക്ഷ്യപ്പെടുത്തുന്നു

വളരും

25/10/2021




VINOD KRISHNAN K.
SECRETARY
VELAYAM GRAMA PANCHAYAT
P.O. VELAYAM, KODIHOODE DIST. / 673512
PH. 0495 2450195, 9496048119

FILE NO : PCB/KKD/DO/8917/2018

Date of issue : 05/09/2018



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. :7811590

Dated:16-05-2018

TO

M/s BUILDING STONE QUARRY OF MR.V. P. SHAJITH

VALAYAM

VADAKARA

KOZHIKODE

Consent No. :PCB/KKD/DO/ICO/8917/2018

Valid Upto :16/03/2023

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	16/03/2023
2	Name and Address of the establishment	BUILDING STONE QUARRY OF MR.V. P. SHAJITH RESURVEY NO.242(PT) VALAYAM VILLAGE VADAKARA TALUK KOZHICODE 673517
3	Communication	Telephone :0-7012707170 Fax :- E-mail:shajith731@gmail.com
4	Occupier Details	SRI.SHAJITH V.P. VALIYAPARAMBATH HOUSE VALAYAM P.O. VADAKARA KOZHIKOSE-673517
5	Local Body	VALAYAM PANCHAYAT
6	Survey Number	RS No.242(pt).
7	Village	VALAYAM
8	Taluk	VADAKARA
9	District	KOZHICODE
10	Capital Investment(Rs in Lakhs)	75
11	Scale	Small
12	Category	RED
13	Annual fee(Rs)	Rs.22000/-
	Total Fee remitted(Rs)	Rs.143000/-
14	RAW MATERIAL	PRODUCTS
		QUARRYING IN AN AREA OF 5.9997Ha OF LAND IN RS No.242(pt), VALAYAM VILLAGE, VADAKARA TALUK, KOZHICODE DISTRICT
15	Total Power Required (HP)	NA

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: 100 Liters/day
- 2.3 Effluent generation:
- 2.4 The characteristics of effluent after treatment shall confirm to the following tolerance limits:

SI.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:

SI.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:

SI.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 This Integrated Consent to Operate is granted subject to the power of the Board to review and make variation in all or any of the conditions laid hereunder.
- 5.2 This integrated consent, unless withdrawn earlier and subject to condition No.1.1 shall be valid up to 16-03-2023. In case the operation of the Industrial plant is to be continued thereafter, application for renewal of the consent is to be made before 16-01-2023.
- 5.3 Any change in particulars furnished in the application and/or in the identity of the occupier/authorized agent is to be intimated to the Board forthwith.
- 5.4 The applicant shall comply with all instructions that the Board may issue from time to time regarding prevention and control of air, water, land and sound pollution.
- 5.5 The quarry should not be operated between 6.00 p.m. and 6.00 a.m.
- 5.6 Noise measured 1 m outside the boundary of the premises shall not exceed the limit specified for the area under the Ambient Air Quality Standards in respect of noise.
- 5.7 The concentration of particulate matter PM 10 and PM 2.5 at the boundary of the premise shall not exceed 100 microgram/m³ and 60 microgram/m³ respectively.
- 5.8 Permanent fence made of wire mesh shall be provided and maintained along the boundary of the approved quarry area.
- 5.9 The applicant shall put up a 6 ft. x 4 ft. signboard near entrance to the quarry for displaying the name of the quarry and owner, production details and time of the day when blasting is permitted to be undertaken.
- 5.10. Location and extent of quarry shall be as per the approved site plan attached.
- 5.11. After completion of quarrying, the land may be reclaimed as per the mining plan approved by the Department of Mining and Geology.
- 5.12. Quarrying operations shall be started only after obtaining the all the statutory clearances required, which shall be valid throughout the period of operation.
- 5.13 . This consent is issued based on EC no 1131/EC/SEIAA/KL/2017 dated 17-03-2018 valid up to 16-03-2023 and letter of intend no.10506/M3/2016 dated 14-12-2016.

DATE :05/09/2018

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER
DISTRICT OFFICE KOZHIKODE



**SHABNA
KUSHE
SHEKHAR** Digitally signed
by SHABNA
KUSHE SHEKHAR
Date: 2018.09.05
16:52:26 +05'30'

To

SRI.SHAJITH V.P.
VALIYAPARAMBATH HOUSE
VALAYAM P.O.
VADAKARA
KOZHIKOSE-673517

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.

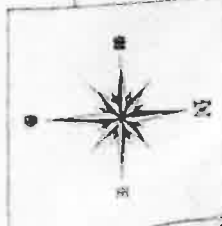
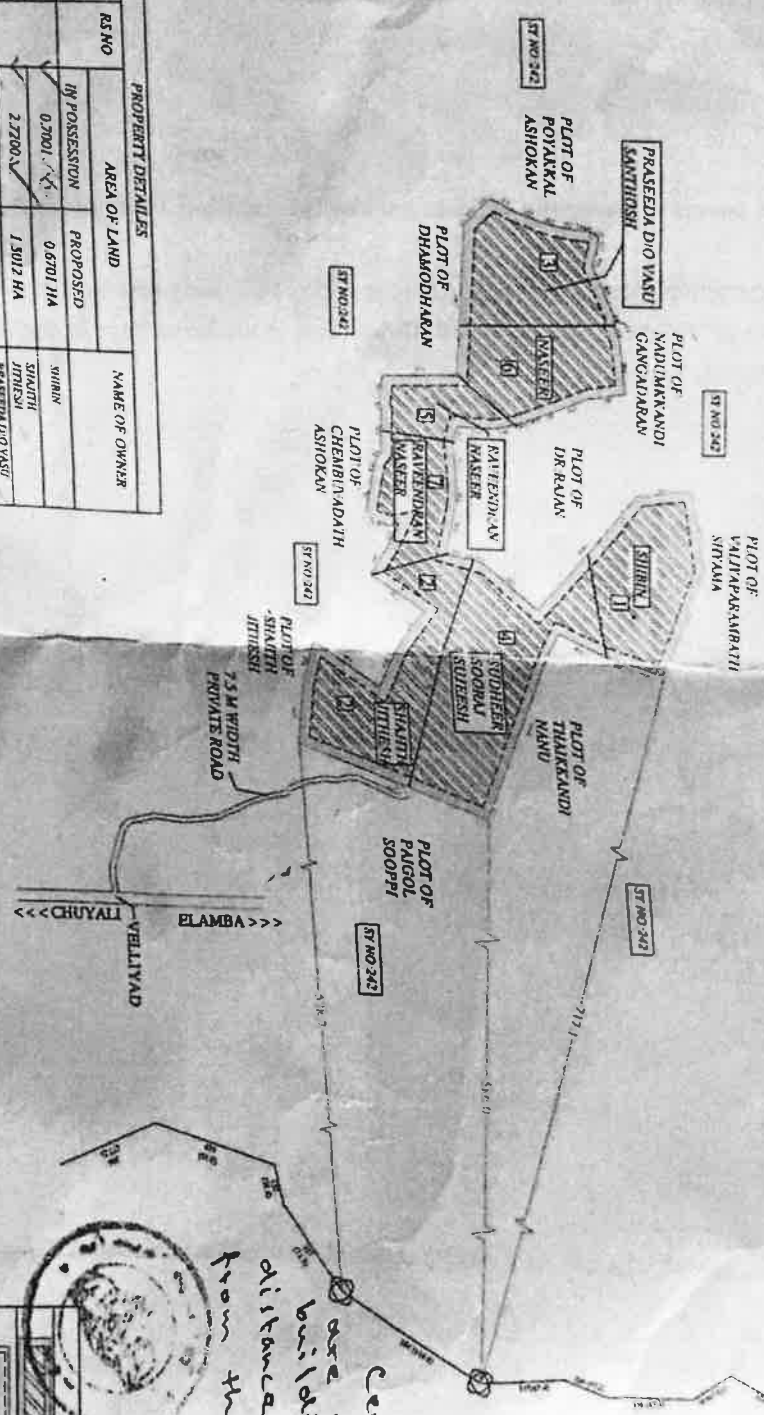
DISTRICT : KOZHICKODE
 TALUK : VADAKARA
 VILLAGE : VALAYAM
 DESAM : VALAYAM

FIELD NO: 242/P
 SURVEY MAP

BLOCK NO : 36
 AREA : 5.997 Ha

SL NO	DOCUMENT NO	RS NO	AREA OF LAND		NAME OF OWNER
			IN POSSESSION	PROPOSED	
1	216115		0.7901	0.6701 H/A	SHIRIN
2	12862004		2.7700	1.5012 HA	SHIRIN JITHESH PANDON KUDIVASU
3	127198		0.8128	0.8114 H/A	SHIRIN JITHESH
4	991/88 1030/88	242	1.9400	1.5941 H/A	SUDHEER SUDHEER SUDHEER
5	13392012		0.5903	0.5197 HA	RAJENDRAN MANSUR
6	994/07		0.8408	0.7199 H/A	MANSUR RAJENDRAN
7	13432012		0.0931	0.0811 H/A	MANSUR RAJENDRAN
TOTAL AREA			7.6713 Ha	5.9997 Ha	
			(18 ACRES 94 CENT)	(14 ACRES 81 CENT)	

PROPERTY DETAILS

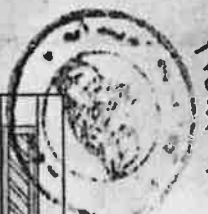


Survey No :242(pt)
 Village :Valayam
 Taluk :Vadakara
 District : Kozhikode
 Approved site/Outlet location

SHABNA KUSHE SHEKHAR
 Digitally signed by SHABNA KUSHE SHEKHAR
 Date: 2018.09.05 16:53:01 +05'30'

ENVIRONMENTAL ENGINEER
 DISTRICT OFFICE
 KOZHICKODE

Certified that there are no residential buildings within a distance of 50 meters from the lease area.



647888 KUNAR, P.K.
 TAH SILDAR
 VATAKARA TALUK

VILLAGE OFFICER
 VALAYAM

PROPOSED LEASE AREA 5.997 HA (14 ACRES 81 CENT)
 BUFFER AREA 1.799 HA (3 ACRES 43 CENT)
 SCALE 1cm = 50m



ലൈസൻസ് നമ്പർ 37/2019-20

തീയതി 09/03/2019

വാലയം

(ശാമപഞ്ചായത്തിൽ നിന്നും)

1994 ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994 ലെ 13) 232,233,234,254 എന്നീ

വകുപ്പുകളും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിച്ചു നൽകുന്ന

ഡി & ഒ ലൈസൻസ്

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	കെ.ജി.ജി. വി.വി. വലിയപറമ്പത്ത്, വള്ളംപുഴ	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	ബിൽഡിംഗ് ഓഫീസ് തുനി ഓഫീസ് ചിന്മുക്ക് കെ.ജി.ജി. വി.വി.	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	കിരീടങ്ങൾ തുനി - നടത്തുന്നതിന് (5.9997 Hect)	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡു നമ്പരും	Word IV, R.S.No - 242.PE	
ലൈസൻസ് കാലയളവ്	2019-23 മുതൽ 2024 മാർച്ച് 31 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	20,000 രൂപ	രസീത് നമ്പർ
		118030104137 19/03/2019
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷേപ പത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)	1) State Environment Impact Assessment Authority Kerala, 1131/EO/SEI/118/12/2017 dt.17/03/2018, Validity - 16-03-2023 2) Kerala State Palatation control Board's-PCB/UKD/DO/8917/2018, Validity.16/03/2023. 3) State Environment Impact Assessment Authority Kerala, E/SE/12/90/527(E68226) dt.07/07/2020. 4) P.F.90 - E/90/LE/22/1177 (E 59650) dt.14/02/2020, Validity - 21/03/2020. 5) നിരാക്ഷേപ പത്രങ്ങൾ ഉൾപ്പെടെ എല്ലാ രേഖകളും.	



ബിനുശ്ശ (ശാമപഞ്ചായത്ത്)

BINU SHESH
SECRETARY
VALAYAM GRAMA PANCHAYAT
P.O. VALAYAM - 673517
Ph: 0496 2460191



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

संख्या (No) E/SC/KL/22/1177(E59660)

दिनांक (Date): 23/01/2020

सेवा में | To,

Shri. SHAJITH. V.P.,
 Valva Parambath, Valayam P.O., Kozhikode-673 517, Kerala, Town/Village - KOZHIKODE
 District-KOZHIKODE, State-Kerala, Pincode - 673517

विषय

Survey No.R.S.No.188/1A1, ग्राम Vilangadu village, Vadakara Taluk, Kozhikode Dist, जिला KOZHIKODE, 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/22/1177(E59660) के नवीनीकरण संदर्भ में।

Subject

Possession for Use of of Explosives from magazine situated at Survey No.:R.S.No.188/1A1, Vilangadu village, Vadakara Taluk, Kozhikode Dist, Dist. KOZHIKODE, Kerala -Licence No.: E/SC/KL/22/1177(E59660) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महादय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या Nil दिनांक 17/01/2020 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक 31/3/2025 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।

Reference to your letter No. Nil dated 17/01/2020, the subject licence duly renewed upto 31/3/2025 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/ 2025 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 31/3/2025.

- 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 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 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 | Ernakulam

Deputy Chief Controller of Explosives

कोच्ची | Ernakulam

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची | Ernakulam

प्रतिलिपि प्राप्त | Copy Forwarded to

1 जिला माजिस्ट्रेट (District Magistrate), KOZHIKODE (Kerala)- सूचना के लिए (for information)

(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>)

अनुज्ञापते 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 अनुज्ञापति

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

अनुज्ञापति सं. (Licence No.) : E/SC/KL/22/1177(E59660)

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



License
Photo w

1. Licence is hereby granted to

Shri.SHAJITH. V.P. (आधिभागो / Occupier : Shri P.SHAJITH), Valia Parambath, Valayam P.O., Kozhikode-673 517, Kerala, Town/Village - KOZHIKODE, District-KOZHIKODE, State-Kerala, Pincode - 673517

को अनुज्ञापति अनुदत्त की जाती है।

2. अनुज्ञापतिधारी की प्रास्थिति | Status of licensee : **Individual**

3. अनुज्ञापति निम्नलिखित प्रयोजनों के लिए विधिमान्य है। : possess for use of **Nitrate Mixture, Ordinary Detonator, Safety Fuse, Electric Detonators, - के**
Licence is valid only for the following purpose. : उपयोग के लिए

4. अनुज्ञापति 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	100 Kg.
2.	Ordinary Detonator	6,3	0	3000 Nos.
3.	Safety Fuse	6,1	0	2000 Mtrs
4.	Electric Detonators	6,3	0	2000 Nos.

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

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

20 times
as above.

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

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

रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1177
: (E59660)
दिनांक (Dated) 16/03/2011

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

Survey No. R.S.No.188/1A1 , ग्राम (Town/Village) : **Vilangadu village, Madalava Taluk, Kozhikode Dist**
जिला (District) **KOZHIKODE** राज्य (State) **Kerala** पिनकोड (Pincode) **673517**
दूरभाष (Phone) **9447834731** ई. मेल (E-Mail) **Valayam (Police Station) Valayam** फेक्स (Fax)

7. अनुज्ञापति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

The licensed premises consist of following facilities.

: **D and E type Portable magazine manufactured by thekkans engg and fabrication unit**

8. अनुज्ञापति समय -- समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबद्धों के अधीन रहते हुए अनुदत्त की जाती है।

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

1. उपर्युक्त क्रम सं. 5 में यथा कथित रेखाचित्र (स्थान, सन्निर्माण संबंधी और अन्य विवरण दर्शित करते हुए) Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
2. अनुज्ञापति प्राधिकारी व्द्वारा हस्ता.क्षरित इस अनुज्ञापति 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 अनुज्ञापति तारीख **31 मार्च 2015** तक विधिमान्य रहेगी। This licence shall remain valid till **31st day of March 2015**.

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

तारीख | The Date - 16/03/2011

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

Amendments :

- Amendment in Drawings/Facilities/Premises dated : 30/05/2013
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 03/06/2014
- Amendment in Drawings/Facilities/Premises dated : 03/06/2014
- Amendment in Drawings/Facilities/Premises dated : 11/01/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 14/12/2017

नवीनीकरण के पृष्ठांकन के लिए स्थान
Space for Endorsement of Renewal

नवीकरण की तारीख
Date of Renewal

समाप्ति की तारीख
Date of Expiry

अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प
Signature of licensing authority and stamp

23/01/2020

31/03/2025

Dy. Chief Controller of Explosives, Ernakulam

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

(सेट VIII | Set VIII)

मैगजीन में वर्ग 1, 2, 3, 4, 5, 6, और 7 के विस्फोटकों को विक्री 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/22/1177(E59660) की शर्तें निम्नलिखित हैं।

The following are the conditions of licence number E/SC/KL/22/1177(E59660) 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.

- 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.
- 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.
- मैगजीन का प्रयोग उन सभी विस्फोटकों के, जो इस अनुज्ञप्ति में विनिर्दिष्ट है, 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.
- 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.
- 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 आने वाले 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 आने वाले 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.
- 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.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी दे दी हो।
(i) जब ऐसी मंजूरी दे दी गई हो तो प्रत्येक निरीक्षण पर किसी विस्फोटक नियंत्रक से ऐसा लिखित प्रमाणपत्र अभिप्राप्त कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आनेवाली अवधि दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुज्ञप्तिधारी अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा।
(ii) जब कोई विस्फोटक मानक शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो 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.
- 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, शैल्फों 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 बांधेकर 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 अनुज्ञापिधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञापिधारी 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. अनुज्ञापिधारी प्ररूप आर.ई.-3 और आर.ई.-4 या आर.ई.-5, जैसी स्थिति हो, में सभी विस्फोटकों का अभिलेख और लेखा रखेगा और विस्फोटक नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर स्टाक पुस्तक और अभिलेख प्रस्तुत करेगा । स्टाक 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 अनुज्ञापिधारी 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 अनुज्ञापिधारी 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 अनुज्ञापिधारी 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 पैकेजों की हालत की जांच करने और प्रत्येक पैकेज की विनिर्माण विशिष्टियों को पढ़ने के लिए उनके बीच से होकर आ जा सके ।
The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.
तडित चालकों की भूमि के लिए प्रतिरोध यथासंभव न्यूनतम होगा और किसी भी दशा में 10 ओहम से अधिक नहीं होगा ।
The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.
17. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुल्क घास या झाड़ी या ज्वलनशील सामग्री नहीं रहने दी जाएगी ।

- A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.
18. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी।
Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.
19. किसी मैगजीन / भंडारगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा।
Not more than 4 persons shall be allowed inside the magazine or store house at any one time.
20. विस्फोटकों के खाली पैकेजों को शीघ्रतिशीघ्र वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा।
Empty packages of the explosives shall be removed at the earliest and destroyed.
21. अनुज्ञप्तिधारी और कर्मचारीयों को परिसर के भीतर आपातकाल के दौरान की जाने वाली प्रक्रियाओं से अवगत होना चाहिए।
The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises
22. निरीक्षण या नमूना अधिकारी को सभी व्यक्तिव्यक्त समयों पर अनुज्ञत परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबंधों और सुरक्षा स्थितियों को सम्यकतः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी।
Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.
23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञप्तिधारक को अनुज्ञात परिसरों या मशीनरी, टूल या उपकरण में ऐसी कोई मरम्मत या परिवर्धन या परिवर्तन करने या सिफारिशों को लागू करने को लिखित रूप में सूचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञाप्तिधारक सिफारिशों को निष्पादित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा।
If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the license shall execute the recommendations and report compliance within the period specified by such authority.
24. अनुज्ञप्तिधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञत फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा 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 द्वारा 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. अनुज्ञप्तिधारी 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
 उपायुक्त मुख्य विस्फोटक नियंत्रक
 Deputy Chief Controller of Explosives
 एरनाकुलम Ernakulam

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/22/1177(E59660) in form LE-3 granted to Shri.SHAJITH. V.P., Valia Parambath, Valayam P.O., Kozhikode-673 517, Kerala, Kerala-673517 .

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 : 16/03/2011

Amendments :

- Amendment in Drawings/Facilities/Premises dated : 30/05/2013
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 03/06/2014
- Amendment in Drawings/Facilities/Premises dated : 03/06/2014
- Amendment in Drawings/Facilities/Premises dated : 11/01/2017
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 14/12/2017


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

TEST REPORT

ULR No: TC540221000004198F	Date: 07-08-2021	Page 1 of 1
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CUSTOMER DETAILS	
Customer Name & Address	Mr. Shajith V.P Valiyaparambath House Valayam P.O, Kozhikode-673517
Customer Reference	Test Request dt : 02-08-2021

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN21080001
Sample Name	Ambient Air	Sample Received on	04-08-2021
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	04-08-2021
Sampled by	Lab Authorized Sampler	Test Completed on	07-08-2021

DETAILS OF SAMPLING			
Sampling Location	North East Boundary	Date of Sampling	02-08-2021
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	70%

SAMPLING SITE DETAILS			
Survey No	242 (Pt)		
Village	Valayam	Taluk	Vadakara
District	Kozhikode	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	49.4	Max 100
2	Particulate Matter, PM _{2.5}	EPA 40 CFR (Part 50) Appendix - L	µg/m ³	20.7	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:



Lalju P. N.
Laboratory Head
Authorized Signatory

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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

ULR No: TC540221000004199F	Date: 07-08-2021	Page 1 of 1
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CUSTOMER DETAILS	
Customer Name & Address	Mr. Shajith V.P Valiyaparambath House Valayam P.O, Kozhikode-673517
Customer Reference	Test Request dt : 02-08-2021

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN21080002
Sample Name	Ambient Air	Sample Received on	04-08-2021
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	04-08-2021
Sampled by	Lab Authorized Sampler	Test Completed on	07-08-2021

DETAILS OF SAMPLING			
Sampling Location	South East Boundary	Date of Sampling	02-08-2021
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	69%

SAMPLING SITE DETAILS			
Survey No	242 (Pt)		
Village	Valayam	Taluk	Vadakara
District	Kozhikode	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	21.3	Max 100
2	Particulate Matter, PM _{2.5}	EPA 40 CFR (Part 50) Appendix - L	µg/m ³	52.5	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

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TEST REPORT

ULR No: TC540221000004200F	Date: 07-08-2021	Page 1 of 1
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CUSTOMER DETAILS	
Customer Name & Address	Mr. Shajith V.P Valiyaparambath House Valayam P.O, Kozhikode-673517
Customer Reference	Test Request dt : 02-08-2021

DETAILS OF MONITORING			
Product Category	Atmospheric Pollution	Sample Code	EN21080003
Sample Name	Ambient Noise	Monitoring Commenced on	02-08-2021/ 06:00
Monitoring Location	North East Boundary	Monitoring Completed on	03-08-2021/ 06:00
Test Method	IS 9989:1981 RA:2008	Monitored by	Lab Authorized Sampler

MONITORING SITE DETAILS			
Survey No	242 (Pt)		
Village	Valayam	Taluk	Vadakara
District	Kozhikode	State	Kerala

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	35.7	14:00	47.8	22:00	34.6
07:00	38.3	15:00	48.2	23:00	36.6
08:00	42.3	16:00	49.3	24:00	39.2
09:00	45.6	17:00	49.7	01:00	40.0
10:00	47.8	18:00	44.5	02:00	39.6
11:00	50.8	19:00	41.2	03:00	40.3
12:00	48.2	20:00	37.5	04:00	39.2
13:00	47.5	21:00	37.1	05:00	41.1

TEST RESULTS- CHEMICALPARAMETERS			
Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	46.3
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	39.4

Remarks:

End of Report

Rija
Rija Joseph
Technical Manager



Lajju P. N.
Lajju P. N.
Laboratory Head

Checked by:

Authorized Signatory

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TEST REPORT

ULR No: TC540221000004201F	Date: 07-08-2021	Page 1 of 1
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CUSTOMER DETAILS	
Customer Name & Address	Mr. Shajith V.P Valiyaparambath House Valayam P.O, Kozhikode-673517
Customer Reference	Test Request dt : 02-08-2021

DETAILS OF MONITORING			
Product Category	Atmospheric Pollution	Sample Code	EN21080004
Sample Name	Ambient Noise	Monitoring Commenced on	02-08-2021/ 06:00
Monitoring Location	South East Boundary	Monitoring Completed on	03-08-2021/ 06:00
Test Method	IS 9989:1981 RA:2008	Monitored by	Lab Authorized Sampler

MONITORING SITE DETAILS			
Survey No	242 (Pt)		
Village	Valayam	Taluk	Vadakara
District	Kozhikode	State	Kerala

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	35.4	14:00	47.5	22:00	34.3
07:00	38.0	15:00	47.9	23:00	36.2
08:00	42.0	16:00	49.0	24:00	38.8
09:00	45.3	17:00	49.3	01:00	39.5
10:00	47.5	18:00	44.2	02:00	39.2
11:00	50.4	19:00	40.9	03:00	39.9
12:00	47.9	20:00	37.3	04:00	38.8
13:00	47.1	21:00	36.8	05:00	40.7

TEST RESULTS- CHEMICALPARAMETERS			
Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	46.0
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	39.0


Remarks:

End of Report


Rija Joseph
Technical Manager

Checked by:




Laiju P. N.
Laboratory Head
Authorized Signatory

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TEST REPORT

ULR No: TC540221000004202F	Date: 07-08-2021	Page 1 of 2
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CUSTOMER DETAILS	
Customer Name & Address	Mr. Shajith V.P Valiyaparambath House Valayam P.O, Kozhikode-673517
Customer Reference	Test Request dt : 02-08-2021



SAMPLE DETAILS			
Product Category	Water	Sample Code	WT21080001
Sample Name	Ground Water	Sample Received on	04-08-2021
Sample Conditions at Receipt	Fit for Analysis	Temperature @ Receipt	4°C
Sample Quantity & Packing	1L & 250ml Plastic Bottles	Test Commenced on	04-08-2021
Sampled by	Lab Authorized Sampler	Test Completed on	07-08-2021

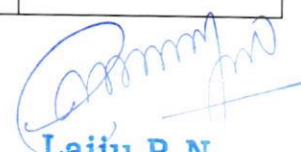
DETAILS OF SAMPLING			
Sample Source	Bore Well (50 m away from East Boundary of the Project Site)	Date of Sampling	02-08-2021
Sampling Procedure	SEAAL/ENL/GEN/SOP/01& SEAAL/MBL/SOP/06	Sample Temperature	31 °C

SAMPLING SITE DETAILS			
Survey No	242 (Pt)		
Village	Valayam	Taluk	Vadakara
District	Kozhikode	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	0.60	Max 1
4	pH	IS 3025 (Part 11):1983 RA 2017	---	6.78	6.50 – 8.50
5	Conductivity	IS 3025 (Part 14):1984 RA 2019	µS/cm	204	---
6	Total Dissolved Solids	IS 3025 (Part 16):1984 RA 2017	mg/L	132	Max 500
7	Total Hardness as CaCO ₃	IS 3025 (Part 21):2009 RA 2019	mg/L	58.0	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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TEST REPORT


ULR No: TC540221000004202F	Date: 07-08-2021	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
8	Calcium as Ca	IS 3025 (Part 40):1991 RA 2019	mg/L	16.0	Max 75
9	Magnesium as Mg	IS 3025 (Part 46):1994 RA 2019	mg/L	4.38	Max 30
10	Chloride as Cl	IS 3025 (Part 32):1988 RA 2019	mg/L	39.6	Max 250
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23):1986 RA 2019	mg/L	30.2	Max 200
12	Iron as Fe	IS 3025 (Part 53):2003 RA 2019	mg/L	0.32	Max 1
13	Sulphate as SO ₄	IS 3025 (Part 24):1986 RA 2019	mg/L	6.11	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


Laju 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

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017
 vide Certificate No. TC - 5402 & "A" Grade Laboratory approved by KSPCB.

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PLATES

Plate S-6:



Plate S-6: Quarrying Road

Plate G-9:



Plate G-9: Fenced with barbed metal wires and Sign boards

Plate G-10:



Plate G-10: Blasting time

Plate G-12:



Plate G-12: Quarry working time board

Plate G-15:



Plate G-15: Access roads

Plate G-25:



Plate G-25: Sapling

Plate G-38:



Plate G-38: EC Display notice board