

# Vajra Rock Mining Industries

Register No. 1612/2007 of the Registrar of Firms

SSI Reg.No.32 012 12 00529

Registered Office: Sreenikethan, Kalanjoor, Pathanamthitta, KERALA. Pin: 689 694, INDIA

Phone office 04734 270431, Fax 0473 270431

Email [vajrarock@gmail.com](mailto:vajrarock@gmail.com)

No. VRMI/CR/030/2015

Date: 27.12.2025

To

The Regional Director  
MoEF&CC Regional Office  
Southern Zone, Kendriya Sadan, 4<sup>th</sup> Floor, E & F Wing  
II Block, Koramanagala, Bengaluru – 560034.

Sir,

Sub: Environmental Clearance – Compliance report furnished

Ref: E.C. No. 80/SEIAA/KL/182/2013 dated 23-05-2013 of SEIAA Kerala

Kind attention is invited to the Environmental Clearance accorded to the quarry project of M/s Vajra Rock Mining Industries in Koodal Village, Kalanjoor Panchayath, Konni Taluk, Pathanamthitta District, Kerala vide reference cited above. The twenty-fifth report of compliance on the specific and general conditions of the EC for the period from April to September 2025 is attached herewith for favour of kind perusal.

Yours faithfully

K.N. Madhusoodanan  
Managing Partner  
for M/s Vajra Rock Mining Industries

Copy to :

The Member Secretary  
SEIAA Kerala  
K.S.R.T.C. Bus Terminal Complex, 4<sup>th</sup> Floor  
Thampanur, Thiruvananthapuram – 695001.



Quarry project of

# M/s Vajra Rock Mining Industries

Koodal Village  
Kalanjoor Panchayath  
Konni Taluk (*Formerly Adoor Taluk*)  
Pathanamthitta District  
Kerala State

## 25th Compliance report

*(Ref: E.C. No. 80/SEIAA/KL/182/2013 dt.23-05-2013 of SEIAA Kerala)*

for the period from

# April to September 2025



Quarry project of  
***M/s Vajra Rock Mining Industries***  
Koodal Village  
Kalanjoor Panchayath  
Konni Taluk (*formerly Adoor Taluk*)  
Pathanamthitta District  
Kerala State

**25<sup>th</sup> Compliance report**  
(*Ref: E.C. No. 80/SEIAA/KL/182/2013 dt.23-05-2013 of SEIAA KERALA*)

for the period from  
**April to September 2025**



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### **MONITORING REPORT – PROFORMA – PART I**

EC No. 80/SEIAA/KL/182/2013 dt. 23.05.2013 issued by SEIAA Kerala / MoEF & CC

1.	Name of the project	Quarry project of M/s Vajra Rock Mining Industries
2.	Clearance letter no. & date	Environmental Clearance No. 80/SEIAA/KL/182/2013 dated 23.05.2013 issued by SEIAA Kerala
3.	Location: District & State/UT	Pathanamthitta District, Kerala State
4.	Address for correspondence:	Mr. K.N. Madhusoodanan Managing Partner M/s Vajra Rock Mining Industries Sreenikethan, Kalanjoor P.O. Adoor, Pathanamthitta Kerala state Pincode: 689694.
5.	Contact No. of office with name of responsible official	Mr. Suresh - 9447120111
6.	Mobile No. of concerned officials associated with monitoring	Mr. Suresh - 9447120111
7.	Date of commencement (Actual and/or planned)	23.05.2013
8.	Validity of CFO (Consent for Operation obtained from Kerala State PCB)	31.03.2027
9.	Present status of the project	On going
10.	Email id of the contact person to whom communications to be sent	sureshmavanal@yahoo.com ; knmppl@gmail.com
11.	FAX Number	

Date: 27.12.25

(Company Seal)

Signature of authorized signatory

Name :

Designation:



# I. ABOUT THE PROPONENT

M/s Vajra Rock Mining Industries possesses a quarry project in Koodal Village, Kalanjoor Panchayath, Konni Taluk (*formerly Adoor Taluk*), Pathanamthitta District, Kerala state.

State Environment Impact Assessment Authority Kerala (SEIAA Kerala) accorded Environmental Clearance No. 80/SEIAA/KL/182/2013 dated 23-05-2013 to the quarry project in Koodal Village, Kalanjoor Panchayath, Konni Taluk (*formerly Adoor Taluk*), Pathanamthitta District, Kerala, owned and possessed by M/s Vajra Rock Mining Industries.

M/s Vajra Rock Mining Industries is controlled and managed by Mr. K.N. Madhusoodanan, Managing Partner, M/s Vajra Rock Mining Industries, Sreenikethan, Kalanjoor P.O., Adoor, Pathanamthitta, Kerala – 689694; Telephone No: 04734-270431/271400; E mail: knmppl@gmail.com.

Among the conditions specified in the said Environmental Clearance (EC), it is mandatory to file six-monthly compliance report(s). This report is in compliance of it; and the twenty fifth report in its series.

*Mining and allied activities are restored in the project area after obtaining necessary approvals.*

# II. ABOUT THE PROJECT

## a. Project category:

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

## b. Project location:

Sy. Nos. 288/1 part and 251/1 part, Block 32 of Koodal Village, Kalanjoor Panchayath, Konni Taluk (*formerly Adoor Taluk*), Pathanamthitta district, Kerala. The proposed project site falls within 9°8'37.22" N to 9°8'49.38" N and 76°53'39.47" E to 76°53'52.05" E.

## c. Project extent and activity:

The project is for quarrying of 2,80,000 MTA of building granite stone from an area of 4.6785 hectares of land located as specified above. The expected life of mine is 14 years.

## d. Project description:

The proposed project activity involves about 100 % of the pit area for exploring granite building stone. At the end of life of mine, excavated pit (3.5885 ha) 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. The sewage of 0.8 KLD generated from the mine office is diverted to the septic tank followed by soak pit.

### III. REPORT OF COMPLIANCE

#### A. SPECIFIC CONDITIONS

Item No.	Stipulations in EC	Status of Compliance	Remarks
S1	Barren waste land should be converted to productive land by planting indigenous trees yielding edible fruits.	Saplings of coconut trees and indigenous plants like guava, mango, gooseberry, jack fruit tree, rambutan, papaya, etc. are planted in the site and are being taken care of.	Plate S.1 – Indigenous trees grown in the site (Page 23)
S2	Garland drains should be provided with clarifiers.	Garland drains are provided with clarifiers.	
S3	A safe buffer distance of 200 m should be left from the boundary of nearby forest without conducting mining activities.	Statutory safe distance is being maintained without fail.	
S4	A buffer distance of 15 m to be kept undisturbed from the boundary of the nearest quarry as proposed by the Mining & Geology Department.	Statutory safe distance is being maintained without fail.	

S5	<p>The mining activity should be limited to elevation between MSL 265 and MSL 190 or up to the depth specified in condition no. (xvi)*of General Conditions, whichever is at higher altitude.</p> <p>*Mining depth should not exceed beyond 40 m, unless otherwise specified or not below the level of nearest stream bed, whichever is less.</p>	Present mining depth is still above the ground level.	Plate S.5 – Mining depth (Page 25)
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## B. GENERAL CONDITIONS

Item No.	Stipulations in EC	Status of Compliance	Remarks
G1	Rain water harvesting to collect and utilize the entire water falling in land area should be provided.	Provision is made for collection and storage of rain water falling in the land area.	Plate G.1 – Rain water storage area (Page 27)
G2	Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.	Environment Monitoring Cell (EMC) formed is fully functional and meets regularly.	

G3	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.	Avenue trees are planted along either side of the tarred road and open parking areas inclusive of approach road and internal roads. Avenue trees by way of natural vegetation are also present on either side of the tarred internal road.	
G4	The project shall incorporate devices for solar energy generation and utilization wherever possible.	Solar energy street lights are used at present within the project site.	
G5	Sprinklers shall be installed and used in the project site to contain dust emissions.	Sprinklers are installed within the project site for sprinkling water at regular intervals. Further, in order to contain dust emissions, lorries with sprinklers also ply within the project site.	Plate G.5 – Sprinkler (Page 29)
G6	The eco-restoration plan submitted with the proposal should be fully implemented.	The eco-restoration plan submitted shall be fully implemented at the time of mine closure.	
G7	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumpings and overburden and planted with indigenous plant species that are eco-friendly.	It shall be ensured that the directions contained are scrupulously followed at the time of mine closure.	
G8	Corporate Social Responsibility agreed upon by the proponent should be implemented.	Corporate Social Responsibility agreed upon is being implemented without fail.	
G9	Barbed metal wire fencing around the mining area shall be provided	Barbed metal wire fencing around the mining area with a height of not less than 5 feet is provided.	Plate G.9 – Barbed metal wire fencing (Page 31)

	with a height of not less than 5 ft so that falling of animals/ human/ belongings/ dumping of garbages, etc. does not happen.		
G10	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.	Blasting time is displayed for information of the public.	
G11	Blasting should be done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency.	Blasting is done in a controlled manner as specified by the regulations of Directorate General of Mines Safety. It is done under the supervision of Mr. Shukamuni and Mr. Sharanappa who are competent for the same.	
G12	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 are tarred.	
G13	Overburden materials should be managed within the site and the old quarries, if any, should be reclaimed and restored.	Overburden is stacked in pre-determined place within the project site specified for the purpose.	
G14	Height of benches should not exceed 5 m and width should not be less than 5 m.	Height and width of the benches is maintained as 5 m x 5 m.	Plate G.14 – Benches (Page 33)
G15	Mats to reduce fly rock blast to a maximum of 15 PPV should be provided.	Mats are used during vibration studies.	

G16	Mining depth should not exceed beyond 40 m, unless otherwise specified or not below the level of nearest stream bed, whichever is less.	The mining depth is still above the ground level.	Plate S.5 – Mining depth (Page 25)
G17	No mining operations should be carried out at places having a slope greater than 45°.	It shall be ensured that no mining is carried out at places having a slope greater than 45°, if any.	
G18	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 crusher unit 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 KSPCB.	
G19	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, helmets, etc.	
G20	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.	Affidavit was submitted to SEIAA.	
G21	Assurance in the form of affidavit should be given to SEIAA that only a maximum of 10 percent of the total mined area shall be retained as water body, which shall be lined properly	Affidavit was submitted to SEIAA.	

	and further provided with protective wall to prevent accidents.		
G22	Garland drains to be provided in the lower slopes around the core area to channelize storm water.	Garland drains are provided to channelize storm water.	
G23	Debris/ silt traps to be provided to prevent entry of dust and quarry wastes entering the main streams.	Debris/ silt traps are provided.	
G24	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.	<p>Clearances are obtained from:</p> <ol style="list-style-type: none"> <li>1. Kalanjoor Grama Panchayath [<b>Annexure G.24(1)</b>]</li> <li>2. Petroleum and Explosives Safety Organization (former Explosives Department) [<b>Annexure G.24(2)</b>]</li> <li>3. Directorate General of Mines Safety [<b>Annexure G.24(3)</b>]</li> <li>4. Department of Mining and Geology [<b>Annexure G.24(4)</b>]</li> <li>5. Kerala State Pollution Control Board [<b>Annexure G.24(5)</b>]</li> </ol>	<p><b>Annexure G.24(1)</b> – Copy of license (No. A8-1762/25 dt. 28.03.25 valid up to 31.03.2030) issued by Kalanjoor Grama Panchayath for the quarry (Page A1)</p> <p><b>Annexure G.24(2)</b> – Copy of license (No. E/SC/KL/22/1285 (E56732) dt. 16.04.25 valid up to 31.03.2030) issued by the Petroleum and Explosives Safety Organization for possession for use of explosives from magazine (Pages A2-A6).</p> <p><b>Annexure G.24(3)</b> – Copy of permission (No. SZ /BGR /106(2)(b)/P-71/ 2012/ 1080 dt. 15.06.2012) by the Directorate General of Mines Safety to use Heavy Earth Moving Machinery (HEMM) with deep-hole blasting (Pages A7-A19).</p>

			<p><b>Annexure G.24(4)</b> – Copy of quarrying lease executed for a period from 04.03.2025 to 03.03.2035 (Pages A20-A35).</p> <p><b>Annexure G.24(5)</b> – Integrated Consent to Operate – Renewal for quarry (Consent no. QCO/ PTA/ 22/ R5/ 2024 dt. 02.12.2024, valid up to 31.03.2027) issued by the Kerala State Pollution Control Board (Pages A36-A39)</p>
G25	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.	The company shall abide by the directions of SEIAA Kerala in such a context, if arises.	
G26	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.	
G27	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of	Strict compliance is adhered to and is reviewed periodically by authoritative persons of the top management.	

	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.		
G28	<p>The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at <a href="http://www.seiaakerala.org">www.seiaakerala.org</a>. 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.</p>	<ul style="list-style-type: none"> <li>• Advertisements regarding the obtaining of Environmental Clearance were given in two newspapers: <ol style="list-style-type: none"> <li>1. Mathrubhumi (Malayalam daily) dt. 15.07.2013 and</li> <li>2. The New Sunday Express (English daily) dt. 14.07.2013</li> </ol> </li> <li>• Copies of newspaper advertisements had been forwarded to the Directorate of Environment and Climate Change.</li> </ul>	

G29	<p>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.</p>	<ul style="list-style-type: none"> <li>• Copy of EC has been forwarded to the Secretary, Kalanjoor Grama Panchayath.</li> <li>• Copy of EC is uploaded in the website of the company www.mavalan.com.</li> </ul>	
G30	<p>The proponent shall submit half yearly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by 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,</p>	<ul style="list-style-type: none"> <li>• Conditions are being complied with. This twenty fifth report is in compliance with the submission of six-monthly compliance reports and is for the period from April to September 2025. Earlier reports were sent to the concerned as stipulated herein.</li> <li>• Copy of air and noise quality monitoring report is attached as <b>Annexure G.30</b>.</li> </ul>	<p><b>Annexure G.30</b> – Copy of report on Ambient air and noise Quality Monitoring (Pages A40-A41)</p>

	Govt. of Kerala.		
G31	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.	The conditions of Environmental Clearance are prominently displayed in a metallic board as specified herein.	Plate G.31 – EC display board (Page 35)
G32	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 SEIAA.	

# IV. PLATES





**Plate S.1**  
**Indigenous trees grown in the site**



Plate S.5  
Mining depth





**Plate G.1**

**Rain water storage area**





## Plate G.5 Sprinkler





**Plate G.9**  
**Barbed metal wire fencing**





**Plate G.14**  
**Benches**





## STATE ENVIRONMENTAL CLEARANCE

### FOR VAJRA ROCK MINING Industries

No.80/SEIAA/KL/182/2013

Dated Thiruvananthapuram : 23/05/2013

VALIDITY UPTO : 23/05/2027

- Barrel waste land should be converted to productive land by planting indigenous trees.
- Gardland drains should be provided with clarifiers
- A safe buffer distance of 200m should be left from the boundary of near by forest without conducting mining activities.
- A buffer distance of 15m to be kept undisturbed from the boundary of the nearest quarry as proposed by mining and geology department

**Plate G.31**

**EC display board**



# V. ANNEXURE





കലണ്ടർ ഗ്രാമപഞ്ചായത്തിൽ നിന്നും  
 1994ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകളും  
 അതേ തുടർനുള്ള ചട്ടങ്ങളും അനുസരിച്ച്  
 ഹാക്വറികൾ, വ്യാപാരങ്ങൾ, സംരംഭങ്ങൾ, മറ്റു സേവനങ്ങൾ എന്നിവയ്ക്കായി നൽകുന്ന

**ലൈസൻസ്**

നമ്പർ : AB-1762/25

തീയതി : 28.03.2025

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	കെ. എൻ. മധുസൂദനൻ (മാനേജിങ് പാർട്ണർ), വജ്ര റോക്ക് മൈനിങ് ഇൻഡസ്ട്രീസ്, ശ്രീനികേതൻ, കലണ്ടർ പി.ഓ	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	വജ്ര റോക്ക് മൈനിങ് ഇൻഡസ്ട്രീസ്, പോത്തുപാറ - കള്ളത്തുമൺ	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	കരിങ്കൽ ചനനം നടത്തുന്നതിന് ( കരിങ്കൽ ക്വാറി )	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	Block No.32, Survey No. 251/1	
ലൈസൻസ് കാലയളവ്	01-04-2025 മുതൽ 31-03-2030 വരെ	
ഇൗടാക്കിയ ലൈസൻസ് ഫീസ്	₹75000	രസീത് നം: 1240800241 തീയതി: 27-03-2025
തൊഴിൽക്കരം	₹12500 + ₹0	രസീത് നം: 1240800241 തീയതി: 27-03-2025
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷേപപത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)	Consent from Kerala Pollution Control Board - up to 31-03--2027 Lease Agreement - upto Feb-2035 SEIAA - Validity - Life of Mine License From Blaster's License & Agreement with the Quarry NOC From Fire & Rescue Service Explosive License	

സെക്രട്ടറി  
 കലണ്ടർ ഗ്രാമപഞ്ചായത്ത്

Document certified by Suresh Babu S  
 -bebuchirakarottu@gmail.com  
 Digitally signed by Suresh Babu S  
 Date: 2025.03.28 14:40:40 IST  
 Reason: ILGMS Govt. of Kerala



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 कोची | CSEZ PO Kakkanaad Dist. Ernakulam Ernakulam 682037  
 फोन (Phone):- 2427286 | फैक्स (Fax):- 2427276  
 ई-मेल Email: dycecochin@explosives.gov.in

दिनांक (Date): 16/04/2025

संख्या (No.): E/SC/KL/22/1285(E56732)

सेवा में | To,

Shri Shri K.N. Madhusoodanan, Managing Partner,  
 M/s Hajira Rock Mining Industries, Sovenkathan, Kalamjoor P.O., Pathanamthitta District-689694, Kerala, Town/Village - Kalamjoor  
 District-PATHANAMTHITTA, State-Kerala, Pincode - 689694

विषय: Survey No.270/4 Block No.32, ग्राम Koodal village, Adoor Taluk, Pathanamthitta Distri, जिला PATHANAMTHITTA, 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/22/1285(E56732) के नवीनीकरण संदर्भ में।

Subject: Possession for Use of Explosives from magazine situated at Survey No.:270/4 Block No.32, Koodal village, Adoor Taluk, Pathanamthitta Distri, Dist. PATHANAMTHITTA, Kerala -Licence No.: E/SC/KL/22/1285(E56732) granted in Form LE-3 of Explosives Rules, 2008 - Renewal regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या 153460 दिनांक 11/04/2025 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक 31/3/2030 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।

Reference to your letter No.: 153460 dated: 11/04/2025, the subject licence duly renewed upto 31/3/2030 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/ 2030 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 31/3/2030.

- प्ररूप आरई-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन।  
Application in Form RE-1 duly filled in and signed.
- एक से पाँच वर्ष के अनुज्ञप्ति शुल्क का, 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 (अतिथाबाजी गोदाम के लिए लागू नहीं)।  
Indent for purchase of explosives shall be placed in RE-11 with the supplier and copy of the same shall be sent to this office.(Not applicable for fireworks store house)
- कृपया विस्फोटकों की त्रैमासिक विवरणी हर तिमाही के अंत में आरई-7 में प्रस्तुत की जाए। विवरणी इस कार्यालय के कार्यालय में आगामी तिमाही के 10 तारीख से पहले पहुंच जानी चाहिए (अतिथाबाजी 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 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 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

(रंजीत पी.ए. | Renjith P A)

उप विस्फोटक नियंत्रक | Dy. 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), PATHANAMTHITTA (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.**

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

(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (ग) देखिए।)  
(See article 3(a) to (d) of Part I of Schedule IV of Explosives Rules, 2008)

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

अनुज्ञप्ति सं. (Licence No.) : E/SC/KL/22/1285(E56732)

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

1. Licence is hereby granted to

Shri Shri K.N. Madhusoodanan, Managing Partner (अधिभोगी / Occupier : Shri K.N. Madhusoodanan), M/s Vajra Rock Mining Industries, Sreenikethan, Kalanjoor P.O., Pathanamthitta District-689694, Kerala, Town/Village - Kalanjoor, District-PATHANAMTHITTA, State-Kerala, Pincode - 689694



को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रारूपिता। (Status of licensee : Partnership Firm

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

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

4. अनुज्ञप्ति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमान्य है।

Licence is valid for the following kinds and quantity of explosives: -- (क) (a)

क्र. 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	500 Kg.
2.	Safety Fuse	6, 1	0	4000 Mtrs
3.	Ordinary Detonator	6, 3	0	4000 Nos.
4.	Electric Detonators	6, 3	0	4000 Nos.

(ख) किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा (अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञप्ति 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 अनुज्ञप्त परिसर की पुष्टि होती है।

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

रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1285(E56732)

दिनांक (Dated) 07/10/2011

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

Survey No. 270/4 Block No.32, ग्राम (Town/Village) : Koodal village, Adoor Taluk, Pathanamthitta Distri

पुलिस थाना (Police Station) : Koodal

जिला (District)	PATHANAMTHITTA	राज्य (State)	Kerala	पिनकोड (Pincode)	689694
दूरभाष (Phone)	04734270431	ई.मेल (E-Mail)		फैक्स (Fax)	

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

The licensed premises consist of following facilities.

: pucca magazine with stone masonry construction

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

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

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

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

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

Conditions and Additional Conditions of this licence signed by the licensing authority.

3. दूरी प्ररूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञप्ति तारीख 31 मार्च 2016 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2016.

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 प्रतिसंबद्ध 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 - 07/10/2011

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

Amendments :

- Amendment in Drawings/Facilities/Premises dated : 19/04/2013
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 19/04/2013
- Amendment in Drawings/Facilities/Premises dated : 11/12/2013

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
16/04/2025	31/03/2030	Dy. Chief Controller of Explosives, Ernakulam

कानूनी चेतावनी : विस्फोटकों को गलत ढंग से चलाने या उनका दुरुपयोग विधि के अधीन गंभीर दंडिक 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.

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/22/1285(E56732) in form LE-3 granted to Shri Shri K.N. Madhusoodanan, Managing Partner, M/s Vajra Rock Mining Industries, Sreenikethan, Kalanjor P.O., Pathanamthitta District-689694, Kerala, Kerala-689694 .

Type of Structure(s)	Safety distances meters	
	M	UM
<b>Inside Safety Distances(ISD)</b>		
1 Room or Workshop used in Connection with the Magazine	19	29
2 Any other Explosives Magazine or store House or Factory of the Applicant		
3 Magazine Office		
<b>Middle Safety Distances(MSD)</b>		
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		48
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 Windmill or Solar panel for Power Generation		
<b>Outside Safety Distances(OSD)</b>		
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, Spirit, gas, or other inflammable or hazardous substances		95
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		
<b>Overhead Electric lines</b>		
27 Electric Power over head Transmission Lines above 440V		90
28 Electric Power over head Transmission Lines upto 440V		15

The Date : 07/10/2011

For Joint Chief Controller of Explosives  
South Circle, Chennai

**Amendments :**

- Amendment in Drawings/Facilities/Premises dated : 19/04/2013
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 19/04/2013
- Amendment in Drawings/Facilities/Premises dated : 11/12/2013

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

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 अनुज्ञापत्र सं. E/S/CL/22/1285(E56732) की शर्तें निम्नलिखित हैं।  
The following are the conditions of licence number E/S/CL/22/1285(E56732) 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 अनुज्ञापत्र 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 रहने वाली मैगजीन अनुसूची III और अनुज्ञापत्र 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 अनुज्ञापत्र में विनिर्दिष्ट हैं, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं।  
The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
- पैकजों को खोलने का कार्य और विस्फोटकों को तोलने 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 यौगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पत्तियों और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेक पत्तियों, जिनमें कोई खुला तोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थापन के रखे जा सकते हैं।  
(ङ) वर्ग 6 प्रभाग 3 के अंतर्गत आनेवाले विस्फोटक प्रेक 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 यौगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुज्ञापत्र 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 यौगिक) 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 अभिप्राय कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आनेवाली अवधि दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुज्ञापत्रिधारी अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा।  
(ii) जब कोई विस्फोटक मानक युद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो स्लीअसरीन या द्रव नाइट्रो यौगिक के निकल जाने के चिन्ह प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञापत्रिधारी 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, शेल्फों और उसकी फिटिंग का इस प्रकार सज्जिमा किया जाएगा या उन्हें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क टोका जा सके। भीतरी भाग में लगी बेंचो, शेल्फें और फिटिंग घघासाघा 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 बाधेकर 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.
- यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञापत्रिधारी ऐसे परीक्षण के लिए विहित फीस का सदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञापत्रिधारी द्वारा पश्चात्तर्ती 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 प्रभाय 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.
- उपयुक्त तथा जब रहित कार्यकरण वस्तु, उपयुक्त जूतों के प्रयोग द्वारा तथा तलाशी तैकर या अन्यथा अथवा ऐसे किन्हीं साधनों द्वारा इस बाबत सम्यक उपबंध किया जाएगा कि फेक्ट्री परिसर में अग्नि, दिव्यसलाई अथवा ऐसी कोई वस्तुएं या पदार्थ, जिससे विस्फोट हो सकता हो या आग लाग सकती हो, किन्तु इस शर्त के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम बत्ती का प्रवेश दर्जित 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. अनुज्ञापितधारो प्ररूप्य आर ई-3 और आर ई-4 या आर ई-5, जैसी स्थिति हो, में सभी विस्फोटकों का अभिलेख और लेखा रखना और विस्फोटक नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर स्टॉक पुस्तक और अभिलेख प्रस्तुत करेगा। स्टॉक पुस्तक विहित प्रोफार्म 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 अनुज्ञापितधारी ऐसी किसी शर्त का अनुपालन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्दिष्ट करे।  
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 अनुज्ञापितधारी 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 अनुज्ञापितधारी 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 अधिकरण 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 चूड़े 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 विशेषियों 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.  
तड़ित चालकों की भूमि के लिए प्रतिरोध यथासंभव न्यूनतम होगा और किसी भी दशा में 10 ओह्म से अधिक नहीं होगा।  
The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.
17. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुल्क घास या झाड़ी या ज्वलनशील सामग्री नहीं रखी 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।  
No more than 4 persons shall be allowed inside the magazine or store house at any one time.
20. विस्फोटकों के खाली पैकेजों को शीघ्रतया शीघ्रतया वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा।  
Empty packages of the explosives shall be removed at the earliest and destroyed.
21. अनुज्ञापितधारी 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 युक्तियुक्त समयों पर अनुज्ञापन परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उद्देश्य और सुरक्षा स्थितियों को सम्यक्तः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी।  
Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.
23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञापितधारक को अनुज्ञापन परिसरों या मशीनरी, टूल या उपकरण में ऐसी कोई मरम्मत या परिवर्तन 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, अनुज्ञापितधारक 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 licence shall execute the recommendations and report compliance within the period specified by such authority.
24. अनुज्ञापितधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञापन फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पत्तीत 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 डीबी (ए1) या 145 डीबी (सी) पी के प्रतिबंधित होंगे;  
(ख) श्रृंखला (जुड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपयुक्त उल्लिखित सीमा 5 लोग, 10(एन) डी.बी. (सी) पी के प्रतिबंधित होंगे;  
The possession and sale of fire-crackers generating noise level exceeding:  
a) 125 dB(A) 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 log<sub>10</sub> (N) dB, where N = number of crackers joined together.
26. आग या विस्फोटक 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. अनुज्ञापितधारी विदेशी मूल के आतिशबाजी को न प्रदर्शित करेगा, न रखेगा और न ही उसकी बिक्री करेगा। The licensee shall not exhibit, possess and sell fireworks of foreign origin.

कृते संपुक्त मुख्य विस्फोटक नियंत्रक  
For Joint Chief Controller of Explosives  
दक्षिणांचल, चैत्रे | South Circle, Chennai

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

Raggar-



**Govt. of India**  
**Ministry of Labour & Employment**  
**Directorate General of Mines Safety**  
**Southern Zone, Bengaluru**

No. SZ/BGR/106(2)(b)/P-71/2012/1080 Bengaluru, dated, the 15/8/2012.

From

Director of Mines Safety,  
Bengaluru Region (SZ),  
No.5, 17<sup>th</sup> Main, 100ft Road,  
Koramangala, 4<sup>th</sup> Block, Bengaluru-34,  
Karnataka.

To

Shri K.N.Madhusoodanan,  
Nominated Owner : M/s. Vajra Rock Mining Industries,  
Sreenikethan, Kalanjoor,  
Pathanamthitta, Kerala -689 694

Subject:- Permission under Reg. 106(2)(b) of Metalliferous Mines Regulations, 1961 to use Heavy Earth Moving Machinery with deep-hole blasting at Koodal Stone Quarry of M/s. Vajra Rock Mining Industries

Dear Sir,

Please refer to your application No.Nil dated 22-11-2012 letter No.1/VJRA/HEMM/2012 30-04-2012 in reply to this Directorate's letter No.SZ/BLR/667 dated 16-04-2012, letter No.1VJRA/HEMM/2012 dated 02-06-2012 in reply to this Directorate's letter No.SZ/BLR/1011 dated 17-05-2012, on the above subject-matter

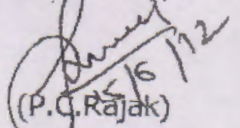
The matter has since been examined in the light of what has been stated in your application. In exercise of the powers conferred on the Chief Inspector of Mines under the provisions of clause (2)(b) of Regulation 106 of the Metalliferous Mines Regulations, 1961 and by virtue of the authorization granted to me by the Chief Inspector of Mines (also designated as Director-General of Mines Safety) under Section 6(1) of the Mines Act, 1952, I hereby grant permission under Regulation 106(2)(b) of the Metalliferous Mines Regulations, 1961 to work by deploying Heavy Earth Moving Machinery to form benches at Koodal Stone Quarry of M/s. Vajra Rock Mining Industries, subject to the conditions enumerated in the enclosed ANNEXURE - MMR 106(2)(b) being strictly complied with:

This permission is being granted under Regulation 106(2)(b) of the Metalliferous Mines Regulations only, without prejudice to any other statutory requirements, which may be or may become applicable at any time.

- 1.2 ANFO shall not be used unless a proper licence for the same is obtained from competent authority.
- 1.3 Only one shift shall be worked.
- 1.4 This Directorate shall be informed as soon as mining operations are commenced in accordance with the above permission. Intimation about completion of mining operation should also be sent promptly and in any case not later than one month thereof.
- 1.5 If at any time any one of the conditions subject to which this permission has been granted is violated or not complied with, this permission shall be deemed to have been revoked with immediate effect
- 1.6 It may be amended, modified or withdrawn at any time should it be considered necessary in the interest of safety.
- 1.7 In the event of any change in the circumstances connected with this permission which is likely to endanger the life of persons employed in the mine or the mine, the mining operations for which this permission has been granted, shall be stopped forthwith and intimation thereof shall be sent to the undersigned. The said mining operations shall not be resumed without express and a fresh written permission from this Directorate.

Kindly acknowledge the receipt of the letter.

Yours faithfully,

  
(P. C. Rajak)

Director of Mines Safety  
Bengaluru Region (SZ).

Encl: Annexure -MMR 106(2)(b).

Enclosure to Ltr. No.SZ/BGR/106(2)(b)/P-71/2011-12/ 1080 Bengaluru, dtd the 15/11/2012.

CONDITIONS FOR EXEMPTION UNDER REGULATION 106(2)(b) OF THE METALLIFEROUS MINES REGULATIONS, 1961 FOR WORKING THE OPENCAST MINE WITH HEAVY EARTH MOVING MACHINERY AND TO CONDUCT DEEP HOLE BLASTING AT KOODAL STONE MINE OF M/s VAJRA ROCK MINING INDUSTRIES:

**I - OPENCAST WORKINGS**

**1.0 Height and width of benches etc.:**

1.1 The height of the benches shall not be more than the reach of the machine used for digging/ excavation/ removal or 06m whichever is less.

1.2 The width of any bench shall not be less than the width of the widest machine plying on the bench plus two metres;

or

if dumpers ply on a bench, three times the width of the dumper;

or

the height of the bench - whichever is more.

1.3 Quarrying operations shall be conducted from top downwards.

1.4 The provisions of the Reg. 106 of the Metalliferous Mines Regulations, 1961, shall be complied with.

1.5 When persons are employed within 05m of the working face, adequate precautions shall be taken to ensure their safety by dressing the sides of the benches.

1.6 Special care shall be taken when any slip or other planes of weakness or other geological disturbances exist, so as to prevent danger to the work-persons. Working shall not be extended within 15m of the geological disturbances lying near the boundary. However, if due to presence of the geological disturbances within the property, the workings are to be extended within 15m of the geological disturbances, it shall be ensured that:

(a) benches are formed in such a manner that these cross the disturbed area in one pass only; and

(b) no high wall is left along the disturbed plane.

1.7 No person shall be engaged to work or be allowed to travel close to high sides/edge of benches, from which he will be likely to fall more than 1.8m vertically down, unless he is provided with and uses a safety belt or rope.

**2.0 Fencing around opencast workings:**

2.1 The top edge of the opencast workings shall be kept fenced with wire rope strands or barbed wire, supported by posts (movable) of timber, iron or concrete as detailed in Circular No.11 of 1959.

Continued.....2.

2.2 At the finishing stage, opencast workings shall be fenced with a masonry wall using lime mortar not less than 0.4metres thick and not less than 1.2metres high with a parapet top.

### 3.0 Precautions while Drilling:

3.1 The position of every deep hole to be drilled shall be distinctly marked by the Mine foreman so as to be readily seen by the drillers.

3.2 No person shall be permitted to remain within a radius of 60 meters on the same bench where charging of holes with explosives is being carried out.

### 4.0 Transport of Explosive :

4.1 Where explosives are transported in bulk for deep hole blasting the following precautions shall be taken :-

(a) transport of explosives from the magazine to the priming station or the site of blasting shall not be done except in the original wooden or cardboard packing cases. The quantity of explosive transported at one time to the site of blasting shall not exceed the actual quantity required for use in one round of shots. The explosives shall be transported to the site of blasting not more than 90 minutes before the commencement of charging of the holes.

(b) no mechanically propelled vehicle shall be used for the transport of explosives unless it is of a type approved in writing by the Chief Inspector provided that a Jeep or Land Rover may be used for the transport of detonators from magazines to 'priming stations' subject to the following conditions :-

- i. not more than 200 detonators are transported in a vehicle at a time;
- ii. the detonators are packed suitably in a wooden box;
- iii. the wooden box containing detonators is placed, inside an outer metal case construction approved by the Chief Inspector.
- iv. the outer metal case shall be suitable bolted to the floor of the vehicle or otherwise fixed in a wooden frame so that the container does not move about while the vehicle is in motion; and
- v. no person shall ride on the rear portion of the vehicle.

(c) Every vehicle used for the transport of explosive shall be marked or placarded on both sides and ends with the work "Explosives" in white letter not less than 15 centimeters high on a red background.

(d) Every mechanically propelled vehicle transporting/explosives shall be provided with not less than two fire extinguishers (one of carbon tetrachloride type for petroleum fire and the other of carbon dioxide under pressure type for electrical fire) suitably placed for convenient use.

4.2 (a) The vehicle used for the transport of explosives shall not be overloaded and in no case shall be explosive cases be piled higher than the sides of its body.

(b) Explosives and detonators shall not be transported in the same vehicle, at the same time.

Continued.....3

- 4.3 (a) No person other than the driver and his helper (not below 18 years of age) shall ride on a mechanically propelled vehicle used for the transport of explosives.
- (b) A vehicle loaded with explosive shall not be left unattended.
- (c) The engine of a vehicle transporting explosives shall be stopped and the brakes set securely before it is unloaded or left standing.
- (d) A vehicle transporting explosives shall not be driven at a speed exceed 25 kilometers per hour.
- (e) A vehicle loaded with explosives shall not be taken into garage or repair shop and shall not be parked in a congested place.
- (f) A vehicle transporting explosives shall not be refueled except in emergencies and then only when its engine is stopped and other precautions taken to prevent accidents.
- (g) No trailer shall be attached to a vehicle transporting explosives.
- 4.4 Every vehicle used for the transport of explosives shall be carefully inspected once in every 24 hours by a competent persons to ensure that :
- (i) Fire extinguishers are filled and in place;
  - (ii) The electric wiring is well-insulated and firmly secured;
  - (iii)The chassis engine and body are clean and free from surplus oil and grease;
  - (iv) The fuel tank and feed lines are not leaking; and
  - (v) Light brakes and steering mechanism are in good working order.
- 4.5 Report of every inspection made under clause 4.4 shall be signed and dated by competent person making the inspection.
- 4.6 All operations connected with the transport of explosives shall be conducted under the personal supervision of a Mine Foreman solely placed in charge of blasting operations at the mine.
- 4.7 The Blaster shall personally search every person engaged in the transport and use of explosives and shall satisfy himself that no person so engaged has in his possession any cigarette, 'biri' or other smoking apparatus, or any match or any other apparatus of any kind capable of producing a light, flame or spark.

#### **5.0 Precaution during Firing :**

- 5.1 Shots shall not be fired except during the hours of daylight or until adequate artificial light is provided. All holes charged on any one day shall be fired on the same day.
- 5.2 As far as practicable the shot-firing shall be carried out either between shifts or during the rest interval, or at the end of work for the day.

Continued.....4.

5.3 During approach and progress of an electric storm the following precautions shall be taken;

- (a) no explosive, particularly detonators shall be handled;
- (b) if charging operations have been commenced, the work shall be discontinued until the storm has passed;
- (c) if the blast is to be fired electrically all exposed wires shall be coiled up and if possible placed in the mouth of the holes, or kept covered by something other than a metal plate;
- (d) all wire shall be removed from contact with the steel rails of a haulage track so as to prevent the charge being exploded prematurely by a local strike of the lightning.

**6.0 Spoil bank:**

6.1.1 The slope of a spoil bank face shall be determined by the natural angle of repose of the material being deposited, but shall in no case exceed 37.5 degrees from the horizontal. The spoil bank face shall not be retained by artificial means at an angle in excess of natural angle of repose.

6.1.2 Any spoil bank exceeding 30 meters in height shall be benched so that no bench exceeds 30 meters in height and the general slope does not exceed 1 vertical to 1.5 horizontal.

6.2.1 The toe of a spoil-bank, dumps or stacks face shall not be allowed to approach a railway or other public works, public road or building or other permanent structure not belonging to the owner of the mine closer than a distance equal to vertical height(s) of its face.

6.2.2 A suitable fence shall be erected between any railway or public works or road or building or structure(s) and the toe of an active spoil bank so as to prevent unauthorized persons from approaching the spoil-bank.

6.3 No person shall approach or shall be permitted to approach the toe of an active spoil bank where he may be endangered from material rolling down the face.

6.4 Unless otherwise permitted, Backfill method of dumping spoil shall be put in use and it shall be ensured that as far as possible original profile of the ground is maintained after extraction of mineral. Possibility of slide of the backfill shall be monitored.

**7.0 Roads for trucks, dumpers etc:**

7.1 All roads for trucks, dumpers or other mobile machinery shall be maintained in good condition.

Continued.....5.

7.2 Where practicable, all roads from the opencast workings shall be arranged to provide one way traffic in which the width of the road shall not be less than one and a half times the width of the largest vehicle plying on the road.

Where this is not practicable, no road shall be of a width less than three times the width of the largest vehicle plying on that road, unless, definite turnouts and waiting points are designated.

7.3 All corners and bends on the roads shall be made in such a way those operators and drivers of vehicles have a clear view for a distance of not less than 30 m. along the road.

Wherever it is not possible to ensure a visibility for a distance of 30m there shall be provided two roads for the up and down traffic with a median.

7.4 Except with the express permission of the Chief Inspector in writing and subject to such conditions as he may specify therein, no road shall have a gradient steeper than 1 in 16 at any place, provided that in case of Ramps over small stretches a gradient up to 1 in 10 may be permitted.

7.5 Where any road exists above the level of the surrounding area, it shall be provided with a strong parapet wall or embankment or Berm not less than one meter in height to prevent any transport vehicle/machinery from getting off the road and falling to lower level.

7.6 Road signs with fluorescent paint shall be provided at every turning point for the guidance of drivers, especially at night times.

7.7 At every curve, parapet walls or vertical posts shall be provided with 'Zebra' lines shall be provided to help the drivers to keep the transport vehicle, on the track especially at night times.

## 8.0 Supervision:

8.1 During every production shift, the opencast workings shall be placed under the charge of an Assistant Manager and during maintenance shift the workings shall be placed under the charge of an Foreman, who shall be responsible to see that all the Regulations and the Orders made thereunder are strictly complied with.

8.2 He shall in particular:

(a) make frequent inspections for evidence of slides or of material that any slide or roll from the high wall (including the face and sides) or spoil-bank. Additional inspections shall also be made after every heavy rain for checking the stability of high sides/walls;

(b) not allow any person to work under overhanging ledges or where there is evidence of impending slides, until such danger has been removed;

(c) ensure that every person engaged in dressing operations on high walls is provided with and uses a safety belt of a type approved by the Chief Inspector;

Continued.....6.

- (d) ensure that all loose material is removed from high sides/wall before drillers are engaged there;
- (e) ensure that parapet walls along roads are properly maintained; and
- (f) ensure that men and machines aren't allowed to work in close proximity of each other which may endanger men by falling rock or otherwise.

## II - MACHINERY

### **9.0 Design & maintenance machinery & vehicle:**

- 9.1 Every equipment of earth moving machinery or equipment (herein after called machine) and every truck, dumper (hereinafter called 'Vehicle') etc., shall be maintained in good and safe working condition.
- 9.2 Every machinery or vehicle shall be provided with efficient warning devices, adequate front and rear lights and efficient brakes. Every Dumpers/Truck shall be provided with Audio-Visual warning device, which shall be actuated automatically to produce both audible and visual warning system during reversal of vehicle.
- 9.3 Every shovel shall be so designed as to afford the operator clear and uninterrupted vision all around and shall be provided with portable lamp for emergency, suitable portable fire extinguishers and retracting ladder.
- 9.4 Operators cabin of every machine or vehicle shall be well designed and substantially built so as to ensure adequate protection to the operator against heat, dust, noise etc., and at the same time provide adequate safety to the operator in the event of overturning of heavy earth moving machinery. A seat belt for the safety of the operator shall also be provided.
- 9.5 Provisions of Regulation 176 of the Metalliferous Mines Regulation, 1961 shall be complied with.
- 9.6 The code of instructions furnished by the manufacturers in the matter of maintenance of various machinery and vehicles and preventive maintenance schedules for each type of machinery and vehicle shall be strictly followed.
- 9.7 Every machine and vehicle shall be allocated at least one day in every week for maintenance. Before the machine or vehicle is sent out for work after maintenance, it shall be thoroughly inspected by the engineer, mechanical foreman or other competent person authorized by the Manager in writing, who shall satisfy himself that the machine or vehicle is mechanically sound and in efficient working order.
- 9.8 A report of every inspection made under clause (iii) shall be recorded in a bound paged book kept for the purpose and shall be signed and dated by the person making the inspection and countersigned by the Engineer.

Continued,.....7.



- 9.9 Every machine in use shall be thoroughly inspected once at least in every 24 hours by a competent person duly authorized by the Manager of the mine. Any damaged or worn out cable shall be replaced immediately.
- 9.10 A report of every inspection made under clause (V) shall be recorded in a bound paged book kept for the purpose and shall be signed and dated by the person making the inspection and countersigned by the Engineer.
- 9.11 If the Engineer, Mechanical Foreman or other competent person making inspection, notices any defect in any machinery or vehicle, the said machinery or vehicle shall not be used until the defect has been remedied
- 9.12 Any defect in a machinery or vehicle reported by its operator shall be promptly attended to.
- 9.13 Any machine or vehicle found to be in an unsafe operating condition shall be tagged at the operator's position "OUT OF SERVICE, DO NOT USE" and its use shall be prohibited until the unsafe condition has been corrected.
- 9.14 All repair to machinery or vehicle shall be done at a location, which will provide a safe place for the persons engaged on repairs.
- 9.15 Except for testing, trial, or adjustment, which must necessarily be done while the machine or vehicle is in motion, every machine or vehicle shall be shut down and positive means taken to prevent its operation while any repair or manual lubrication is being done.
- 9.16 Any machinery, equipment or part thereof which is suspended or held apart by use of slings, hoists, jacks shall be substantially blocked or cribbed before men are permitted to work underneath or between such machinery, equipment or part thereof.
- 9.17 Power shall be disconnected when repairs are made to any electrical machinery.
- 9.18 While inflating tyres of transport vehicles, suitable protective cages shall be used. Tyres shall never be inflated by standing/sitting either in the front or on the top of the same.
- 9.19 Only such fitters or mechanics, which possesses driving license under Motor Vehicles Act shall be authorized by the manager to test-run the HEMM.
- 9.20 The Brakes of all trucks-dumpers and other transport vehicles shall be tested at least once in every fortnight by a competent person duly authorized by the Manager of the mine in manner detailed below:
- (a) Service Brake Test: The Service brake shall be tested with the vehicle is fully loaded condition on a specified gradient and speed. It shall stop within a specified distance by the manufacturer of the vehicle when the service brake is applied.

Continued.....8.

(b) Parking Brake Test: The parking brake shall be capable of holding the truck/dumper/transport vehicle when it is fully loaded and placed on maximum gradient of roadway which is permitted, for a period of at least ten minutes.

9.21 A record of all such test shall be maintained in a bound paged book kept for the purpose and shall be signed by the person carrying out the test and countersigned by the Engineer and Manager of the mine.

**10.0 Daily examination of machinery and vehicle:**

10.1 At the commencement of every shift, the Engineer, Mechanical Foreman or other authorized competent persons shall personally inspect and test every machine and vehicle paying special attention to the following details:

(a) the brakes and the horn or other warning devices are in working order.

(b) if the vehicle or machine is required to work after day light hours, that the lights are in working order. He shall not permit the vehicle or machine to be taken out for work nor shall he drive the vehicle unless he is satisfied that it is mechanically sound and in efficient working order.

10.2 He shall also maintain a record of every inspection in a bound-paged book kept for the purpose. Every entry in the book shall be signed and dated by the person making the inspection.

**11.0 Operation of Machinery:**

11.1 No person other than the operator or his helper if any or any person so authorized in writing by the manager shall ride on a Shovel or Excavator.

11.2 No person shall be permitted to ride in the bucket of a shovel or Excavator.

11.3 No shovel or excavator shall be operated in a position where any part of the machine, suspended loads or lines are brought closer than three meters to exposed high voltage lines, unless the current has been cut off and the line de-energized. A notice of this requirement shall be posted at the operator's control panel.

11.4 Electrical cables, if any shall be laid in such a manner that they are not endangered either by falling rocks or by mobile equipment.

11.5 Shovel bucket or Excavator or loader shall be pulled out of the bank as soon as it is full.

11.6 When not in operation, the Shovel bucket shall be kept resting on stable ground and shall not be left hanging.

Continued.....9.

- 11.7 When being operated in soft or unstable ground, every shovel or excavator shall be supported by heavy planks or poles so as to distribute the load of the machine over larger area and to prevent any danger of the shovel overturning. When not in use, at the shovel or excavator shall be moved to and stood on a stable ground.
- 11.8 If more than one stripping machine is in use in any area, either on the same bench or on different benches the machines shall be so spaced that there is no danger of accident from flying or falling objects etc. from one machine to the other.

**12.0 Duties of machinery operators:**

- 12.1 Every shovel shall be under the charge of a competent person authorized in writing by the Manager, hereinafter known as 'Operator'.
- 12.2 At the commencement of every shift, the operator shall personally inspect and test the machine, paying special attention to the following details.
- 12.3 That the brakes and every warning device are in working order.
- 12.4 If it is required to work after the day light hours, all the lights on the vehicle are in working order.
- 12.5 Operator shall not take out the machine for work nor shall he work the machine unless he is satisfied that it is mechanically sound in efficient working order.
- 12.6 The operator shall not operate the machine when persons are in such proximity as to be endangered.
- 12.7 Operator shall not swing the bucket of a shovel over passing haulage units and other. While truck are being loaded he shall swing over the body of the truck/dumper and not over the cab, unless the cab is protected by a substantially strong cover.
- 12.8 The operator shall not allow any unauthorized person to ride on the machine.

**13.0 Operation of the trucks-dumpers & other transport vehicles:**

- 13.1 The Manager of the mine shall frame a Standard Operating Guidelines/Code of Practice for operation of trucks-dumpers and other vehicles on the following aspects and ensure its compliance:
- (a) Notice specifying maximum load and speed of vehicle.
- (b) Posting of warning notices for attention of vehicle operators at strategic places, viz. haul roads, curves, turning points, level crossing etc.
- (c) Authorization to persons to ride on vehicles.

Continued.....10.

- (d) Prevention of unauthorized driving by introduction of a system whereby the ignition key and/or cabin key always remains with the driver/operator or specifically designated competent persons.
- 13.2 No person shall be permitted to ride on the running board of a truck or dumper.
- 13.3 As far as possible, loaded dumpers or trucks shall not be reversed on gradients.
- 13.4 Sufficient stop blocks shall be provided at every tipping point and these shall be used on every occasion when material is loaded/dumped from the dumper, truck or other such vehicle.
- 13.5 Standard traffic rules shall be framed and followed during movement of all trucks and dumpers. They shall be prominently displayed at the relevant places in the opencast workings and truck/dumper roads.
- 13.6 When not in use every truck or dumper or other transport vehicle shall be moved to and parked at proper parking places.
- 13.7 No person shall be permitted to work on the chassis of a truck or dumper with the body in a raised position until after the truck or dumper body has been securely blocked in position. The mechanical hoist mechanism alone shall not be depended upon to hold the body of the truck or dumper in raised position.
- 13.8 No unauthorized person shall be permitted to enter or remain in any dumping yard or turning points.
- 13.9 While vehicle is being loaded/unloaded on a gradient, the same shall be secured on a stationary position by parking brake and other stop blocks, suitably designed for the purpose shall be placed below the tyres.
- 13.10 Tractor-trailer combination shall normally not be allowed on haul roads. (Where inevitable, only four-wheeler trailers with separate brakes of their own shall be used. The operators shall also be suitably trained on right selection of gears while negotiating steep gradient.
- 13.11 No trucks-dumpers and other transport vehicles other than that of mine management shall be allowed to enter mine premises without a valid pass issued by the manager. No pass shall be issued unless the truck/dumpers or other transport vehicle is checked by the Engineer of the mine and road worthiness is ensured and declared fit by him and the driver holds a valid license under Motor Vehicles Act.
- 13.12 In order to check entry of unauthorized vehicles in mine premises properly manned check gate(s) shall be established at entrance(s), where record of examinations mentioned above for its roadworthiness and gate passes shall be checked. All the entries and exits shall be logged in a register maintained for the purpose along with date and time.

Continued.....11:

## 16.0 Precautions against fire in the machines:

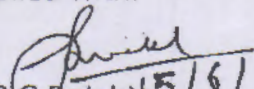
- 16.1 Portable fire extinguishers shall be provided in the operator's cabin of every machine and suitably placed in such a way that these are within easy reach of the operators.
- 16.2 To avoid serious hazard to life and property due to fire, Automatic Fire Protection System shall be provided and maintained in working order for heavy earth moving machinery such as, Shovels, Drills, Dumpers etc. It is also necessary that the recommended procedure for testing of such fire protection system as given in the schedule by the manufacturer shall be adopted. Optical, Thermal or any other suitable types of sensing devices shall be suitably located to sense the fire and actuate the suppressant to come out through the nozzles already fixed to deal with the fire. An over riding manual system along with fire alarm shall also be additionally provided for better effectiveness of the system.

## 17.0 General Lighting:

- 17.1 Where natural lighting is insufficient, adequate general lighting as per the standards laid down in Notification No. GSR 804 dated 18-06-75 published in the Gazette of India dated 28-06-75, Part III Section 3(1) (reproduced in DGMS (Legis.) Circular No.1 of 1976) shall be provided during working hours, in the opencast workings and along haul roads/other roads etc. For proper inspection of the high sides and benches of the opencast working at night, suitable searchlights shall be provided. The individual workers shall also be provided with electric cap lamps to be of use when they have to go in poorly illuminated places.
- 17.2 Illumination survey shall be done at regular intervals, atleast once in every quarter and a record of such survey along with a plan shall be maintained.

## 18.0 Precautions against Noise and Vibration in the working environment:

Suitable steps should be taken by all appropriate means to reduce the exposure of workers to any excessive noise and vibration. In this connection, the requirements of DGMS (Tech) Circular No.18 of 1975 shall be complied with.

  
(P.C. Rajak) 5/6/12

Director of Mines Safety,  
Bengaluru Region.

Duplicate No. 304/2025/L

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NON JUDICIAL

Certified that the original of this document bears a stamp duty of Rs 1797 255 (Seventeen Lakh Ninety Seven Thousand Two Hundred and fifty five)

Eradi Mangala  
29/03/2025

കേരള സർക്കാർ  
GOVERNMENT OF KERALA  
e-Stamp

Sub Registrar

e-Stamp Serial Number : 202425000001922529

Verification Code : 996585429V

Govt. Reference No.(GRN)	: KL038969479202425E
Purpose	: Agreement or memorandum of an agreement - If relating to public works or service level agreements.
Amount of Stamp Paper Purchased in Numeral	: ₹ 500
Amount of Stamp Paper Purchased in Words	: Rupees Five Hundred
Stamp Paper Purchased on	: 03/03/2025
First Party Name	: K N Madhusoodhanan
First Party Address	: Managing Partner, Vajra Rock Mining Industries, Sreenikethan, Kalanjoor
Second Party Name	: Geologist
Second Party Address	: Mining and Geology Department, Pathanamthitta
Vendor Code & Name	: 05032039 - K Balendran Nair
Treasury Code & Name	: 0503 - Sub Treasury Adoor



Please write or type below this line

(See Rule 43)

QUARRYING LEASE

This deed of lease made on this the 04<sup>th</sup> day of March 20.25 between the Governor of Kerala (hereinafter referred to as the "State Government" which expression shall, where the context so admits be deemed to include his successors and assigns) of the one part and M/s. Vajra Rock Mining Industries, Sreenikethan, Kalanjoor, Pathanamthitta District, Pin-689694 (Represented by its Managing Partner Shri. K.N. Madhusoodanan) (Aadhaar No. 7717 7399 9792) (hereinafter called the "lessee/lessees"

Lessor

Lessee

SHYJU P.  
Geologist  
Dept. of Mining & Geology  
District Office, Pathanamthitta  
Adoor P.O., Pin-689694



This can be verified by [https://www.estamp.treasury.kerala.gov.in/index.php/estamp\\_search](https://www.estamp.treasury.kerala.gov.in/index.php/estamp_search) using e-Stamp Serial Number and Verification Code.

In case of any discrepancy, please inform the competent authority.

No. 304/2025/1

Presented in the office of the sub Registrar

Enadimangalam at 2.40 Am / Pm on the 29th

day of March 2025 Photograph and

Thumb Impression of the Sellers/buyers present

affixed under section 32A and paid a fee of Rs. 451780

Through E-Payment by

K.M. Madhusudhan

residing at Sreenikelkum

RAJESH.V.L.  
Sub Registrar

Dated 29th March 2025

Execution Admitted by M/S Vajra Rock Mining Industries

represented by its

managing partner

K.M. Madhusudhan



managing partner residing at  
Sreenikelkum, Kalaranjor, Palkanamhitta 68966.

I have satisfied myself as to the execution  
of this document by Shyju.P. Geologist  
Department of mining and Geology, District  
office Palkanamhitta for and on behalf  
of Governor of Kerala who is exempted  
from personal appearance under Section  
88(c) of Registration Act



which expression shall where the context so admits, include his/their heirs, executors, administrators, representatives and permitted assigns) of the other part.

Witnesseth that in consideration of the rents and royalties and lessee's/Lessees' covenants, hereinafter reserved and contained the State Government hereby give on lease to the lessee/lessees the land measuring 4.4924 Hectares described in the schedule hereunder and delineated on the plan hereto annexed and therein coloured red (hereinafter called the "said lands") to hold the same for a period of 10 (ten) years commencing from the 04/03/2025 and ending on the 03/03/2035 for the purposes of extracting minor mineral/minerals and subject to the terms and conditions contained in the Kerala Minor Mineral Concession Rules, 2015 (hereinafter referred to as "the Rules") and to the terms and conditions hereinafter appearing.

1. The lessee/lessees shall have the right in and upon the said lands to extract Granite Building Stone (herein after called the said mineral/minerals) and to do all acts necessary for the extraction of the said mineral/minerals including the erection on the said lands, buildings and plant required for the purposes and also to take lead and carry away over the said lands and to dispose of the said minerals extracted as aforesaid.
2. The lessee/lessees shall during the subsistence of this lease have the liberty to work the said mineral/minerals and remove the same from the leasehold on permits issued by the State Government/competent authority or any other officer authorized by him in this regard. The permits shall be issued only on the basis of pre-paid royalty at the rates specified in Schedule I to these Rules. The royalty rates shall be subject to revision from time to time as the State Government may order.
3. The lessee /lessees shall pay to the State Government a yearly surface rent equal to the land revenue if any, assessable under the rules for the time being in force, or if the land be the property of Government or in reserve forest then equal to the land revenue plus cess, if any, per hectare of the land the surface whereof shall be

  
Lessor

SHYJU P.  
Geologist  
Dept. of Mining & Geology  
District Office, Pathanamthitta  
Adoor P.O., Pin-691 623

  
Lessee

Identified by

Vijayamma Uyyamma. D/o Thankamma. Housewife residing  
at Ellothupedakkethil, Vellical.

Suresh. s S/o Sivarames Nair Ex-Suburban  
Residing at Suresh Bhawan Kollam

Dated 29th March 2025

RAJESH.V.L.  
Sub Registrar

Registered as Doc. No: .....

of .....Book.....Volume.....

Pages.....to.....

Sheets 9... ..2 Sheet

Dated 29th March 2025

RAJESH.V.L.  
Sub Registrar

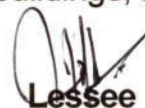


occupied or used by the lessee/lessees for any of the purposes of this deed and so in proportion for any area less than one hectare. The said surface rent shall be paid by yearly payments, the first of such payments to be made on or before the last day of the first year of occupation provided always that no such rent shall be paid or demanded in respect of any roads or ways now in existence.

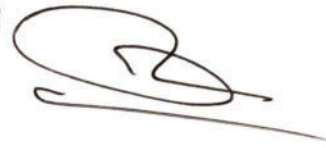
4. The lessee/lessees shall at all times during the currency of this lease keep correct and intelligible books of account showing accurately the quantity of the said minerals extracted and the weight and value of the said mineral sold or exported together with the names of the purchasers or consignees. The lessee shall also maintain a register of employees showing therein separately men, women employed daily and shall at reasonable times allow the competent authority appointed under the rules (hereinafter referred to as "competent authority") or the officer authorized by him to examine the said books of account and the register of employees and to take copies and extracts there from. The lessee/lessees shall submit reports in Forms F and G on the specified dates.
5. All sums found due under or by virtue of this deed from the lessee/lessees may be recovered from him jointly and severally from them and his/their properties movable and immovable under the provisions of the Revenue Recovery Act for the time being in force as though such sums are arrears of land revenue or in any other manner as the State Government may deem fit.
6. The lessee/lessees shall at the lessee's/lessees' own expense erect and at all times maintain and keep in repair boundary marks and pillars along the boundaries of the said lands according to the demarcation shown in the plan here to annexed.
7. The lessee shall not carry on or allow to be carried on any quarrying operations at or to any points within a distance of 100 meters from any railway line except with the previous written permission of the railway administration concerned and any bridge on National Highway or 50 meters from any reservoir, tanks, canals, rivers, bridges, public roads, other public works, residential buildings, the boundary walls

  
Lessor

SIT/JU.P.  
Geologist  
Dept. of Mining & Geology  
District Office, Pathanamthitta  
Adoor P.O., Pin - 691 823

  
Lessee

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of places of worship, burial grounds or burning ghats or any monument protected by Government except with the previous permission of the authorities concerned or the Government or competent authority. Provided that the railway administration or the State Government or any other authority in this behalf may in granting such permission impose such other conditions as may be found proper and necessary.

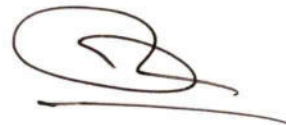
8. The sides of open workings shall be sloped, stepped or secured by the lessee in such a manner as to prevent slope failure, when an open working is worked in steps, steps shall be of sufficient breadth in relation to their height to secure safety. In open workings trees liable to fall and all loose ground and material shall be removed by the lessee sufficiently far from the edge or otherwise made source in order to prevent danger to persons employed in the quarry.
9. If a working place is found to be unsafe all persons shall be withdrawn by the lessee/lessees immediately from the dangerous area and all access to such working place except for the purpose of removing the danger of saving life shall be prevented by securely fencing the full width of all entrances to the place.
10. The lessee/lessees shall at all reasonable times allow any officer authorized by the Central Government or by the State Government in that behalf to inspect the said lands and the buildings and plants erected thereon and the lessee/lessees shall assist such persons in conducting the inspection and afford them all information they may reasonably require, and shall conform to and observe all orders which the Central and State Governments as the result of such inspection or otherwise, may from time to time pass.
11. The lessee shall be responsible for implementing the provisions of the various labour laws applicable, from time to time, to the quarry.
12. The lessee/lessees shall not assign or underlet the said lands or any part thereof or the rights or privileges, therein hereby granted or any of them without the previous permission in writing of the Government/competent authority State.

  
Lessor

SHYJU P.  
Geologist  
Dept. of Mining & Geology  
District Office, Palakkad  
Adoor P.O., Pin - 691 623

  
Lessee

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9 Sheets 4 Sheet



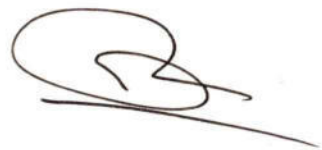
13. Where the lease or any right, title or interest therein has been assigned, sublet or transferred as provided in rule 45 read with condition 12, then the person in whose favor such assignment, sublease or transfer has been made shall be responsible for implementing the provisions of the various labour laws applicable, from time to time, to the quarry.
14. The lease may be surrendered by the lessee/lessees at any time after 3 months notice in writing to the State Government/competent authority: Provided the lessee lessees has have paid all sums due on account of the lease. Provided further that if the lessee lessees elects/elect to determine this lease before the expiry of the term of the lease, shall pay in addition to other dues a sum equal to the dead rent payable for the remaining part of the term of the lease deed.
15. If the lessee/lessees shall be desirous of taking a further lease of the said lands for a further term, he/they shall give three months previous notice in writing of such desire to the State Government/competent authority and if the lessee lessees has/have duly observed all the conditions of this lease, the State Government/competent authority may agree to renew the lease for such further term and on such terms and conditions as the State Government/competent authority may determine which shall be in accordance with the provisions of these rules.
16. If the lessee/lessees shall at any time during the said term use the said lands or any part thereof in any manner other than as authorized by this lease or fail to carry on quarrying operations as per the approved mining plan without sufficient cause of which the State Government/competent authority shall be the judge or shall commit a breach of any of the conditions of this lease it shall be lawful for the State Government/competent authority to cancel this lease after giving the lessee an opportunity of being heard or the alternative to receive from the lessee/lessees such penalty not exceeding Rs.5,00,000/- (Rupees Five Lakhs only) for the breach as the State Government/competent authority may fix.

  
Lessor

SRIYU P.  
Geologist  
Dept. of Mining & Geology  
District Office, Pathanamthitta  
Adoor P.O., Pin - 691 523

  
Lessee

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9 Sheets 5 Sheet



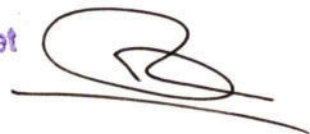
17. In cases where the area under quarrying lease is Government land, the lessee shall close the mine within three calendar months after the expiry of the lease or its determination and remove any engine, machinery, buildings, structures and other works and conveniences from the area under the lease. If the lessee does not remove the same within the said period, the same shall become the property of the State Government and the State Government shall have the right to dispose the same on such terms and conditions as it deems fit.
18. This lease subject to all rules and regulations which may from time to time be issued by the State Government regulating the working of the quarries and other matters affecting safety, health and convenience of the lessee's/lessees' employees or of the public, whether under the Indian Mines Act or otherwise.
19. The lessee/ lessees shall without delay send to the District Collector and the competent authority or the officer authorized by him in this regard report of any accident causing loss of life or serious bodily injuries or seriously affecting or endangering life or property which may at any time occur at or in the said lands in the course of operations under this lease.
20. The lessee/lessees shall furnish such reports and returns relating to output, labourers employed and other matters as the State Government may prescribe.
21. The lessee/lessees shall make and pay such reasonable compensation as may be assessed by lawful authority in accordance with the law in force on the subject for all damage, injury or disturbance which may be done by him/them in exercise of the powers granted by this lease and shall indemnify and shall keep indemnified fully and completely the State Government against all claims which may be made by any person or persons in respect of any such damage, injury or disturbance and all costs and expenses in connection therewith.
22. Any condition prescribed in the Kerala Minor Mineral Concession Rules, 2015 but left out in this lease which may be found applicable to the lessee /lessees shall be treated as binding on the lessee/lessees.

  
Lessor

SHYJU P.  
Geologist  
Dept. of Mining & Geology  
District Office, Pathanamthitta  
Adoor P.O., Pin - 691 523

  
Lessee

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9 Sheets 6 Sheet



23. In this case, the anticipated royalty to be remitted for the mineral extracted per year at the present rate of royalty of Rs.48/- per tonne for the proposed average annual production of 2,03,730/- metric tonne is Rs. 97,79,040/- (Rupees Ninety Seven lakhs Seventy Nine thousand and forty only).
24. In this case, the annual surface rent to be remitted per year at the present rate of Rs.8/- per Are per year is Rs 3,594 (Rupees Three thousand five hundred and ninety four only) and the refundable Security Deposit is Rs. 44, 924/- (Rupees Forty four Thousand nine hundred and twenty four only).

**SCHEDULE OF DESCRIPTION OF LAND**

District : Pathanamthitta  
 Taluk : Konni Block : 32

Village	Survey No.	Lease area in Hectares
Koodal	251/1(Govt Land)	4.4924
<b>Total Area in Hectares</b>		<b>4.4924</b>

**Bounden by Survey No.**

On the North by	251/1, 251/2, 256/1, 256/3
On the East by	288/1, 251/1
On the South by	251/1
On the West by	251/1, 251/8

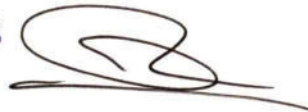
  
 Lessor

**SHYJU P.**  
 Geologist  
 Dept. of Mining & Geology  
 District Office, Pathanamthitta  
 Adoor P.O., Pin - 691 523


  
 Lessee

Doc.No. 364 of 2025 Book

9 Sheets 7 Sheet



In the witness whereof the parties here to have signed on the date and year first above written.

Signed by SHYJU P 

SHYJU P.  
Geologist  
Dept. of Mining & Geology  
District Office, Pathanamthitta  
Adoor P.O., Pin - 691 523

For and on behalf of the Governor of Kerala


In the presence of

(1) Reethu Mohan, Assistant Geologist  
Department of Mining & Geology




(2) Ajana Sathyan, Assistant Geologist  
Department of Mining & Geology





Signed by K.N. Madhusudanan 

For and on behalf of the lessee/lessees

In the presence of

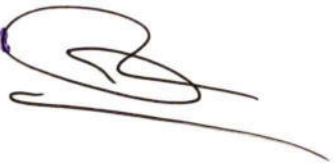
(1) Nithesh P  
Mayyil Vadavathil  
Groundnutlans P.O  
Kayambalam 

(2) Suresh S  
Suresh Bhawan, Kalyissu   
  
Lessor

  
Lessee

SHYJU P.  
Geologist  
Dept. of Mining & Geology  
District Office, Pathanamthitta  
Adoor P.O., Pin - 691 523

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## KERALA STATE POLLUTION CONTROL BOARD

FILE NO. : KSPCB/PT/ICO/10066417/2024  
Date of issue : 02-12-2024

### INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : QCO/PTA/22/R5/2024  
Valid up to : 31-03-2027

#### REFERENCE:

1. Consent No: QCO/PTA/22/R4/2020, Dated: 02/11/2020, Valid Up to: 31/03/2024
2. Online Application No: 10066417, Submitted On: 18/04/2024

The Integrated Consent to Operate issued as per reference above is hereby modified & issued to M/s VAJRA ROCK MINING INDUSTRIES , KALLIPPARA, NIRATHUPARA P.O, KOODAL, KONNI, PATHANAMTHITTA..The consent(s)/ variation order(s) cited under reference are integral part of this consent renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

#### 1.GENERAL

Sl. No	Item	Description
1	Validity	31/03/2027
2	Month And Year of Renewal	January 2027

3	Category	RED
4	Occupier Details	K N MADHUSOODHANAN SREENIKETHAN, KALANJOOR P.O, KALANJOOR, PATHANAMTHITTA, PIN - 689694
5	Capital Investment	467 Lakhs
6	Annual Fee/Fee Remitted	Rs. 43,350/- Rs.2,38,425 Excess Fee: Rs.86,700/-
7	Activity	GRANITE BUILDING STONE -2800 Metric Tonnes/ Day
8	Machinery Details	(1)EXCAVATOR- 1 NOS- 150 HP, (2)BREAKER 1 NOS- 150 HP, (3)COMPRESSOR- 1 NOS- 103 HP, (4)TIPPER- 3 NOS, (5)WATER TANKER- 1 NOS
9	Extend of Land	4.4924 Ha
10	Survey Number	251/1

## 2.CONDITIONS

1. This Consent is issued based on the Judgement dated 25-10-21 of the Honourable Supreme Court of India in CA no. 6273 of 2021 and connected matters, order dated 14-12-2021 of the Honourable Supreme Court in MA no. 1904 of 2021, Judgement dated 10-11-2021 of the Honourable High Court of Kerala in WP(C) 2773 of 2021 and Judgement dated 10-12-2021 of the Honourable High Court of Kerala in WP(C) 27178 of 2021.
2. This Consent is issued subject to any order passed by the Honourable Supreme Court, Honourable National Green Tribunal, Honourable High Court of Kerala in connected matters.
3. This consent is issued based on the information furnished in the application, affidavit and other particulars produced by the applicant, and is liable to be revoked if the information is found to be false at any stage
4. The consent unless withdrawn earlier and subject to condition no. 1 & 2 shall be valid up to **31/03/2027** . For renewal of consent, application may be submitted via online 2 months in advance of expiry of validity date. Excess fee of Rs.86,700/- shall be considered in the next application submitted for renewal/variation.
5. Quarrying shall be done only within the area marked in the approved location plan attached. No change, deviation or alteration that may affect the environment, extent and location of quarry shall be made. Any change in particulars furnished in the application/the identity of the occupier/ authorized agent is to be intimated to the Board forthwith.
6. A minimum distance of 50 m shall be kept from the boundary of quarry area to residential buildings, places of worship, public buildings, public road having vehicular traffic, river or lake, railway line and bridges.

7. The applicant shall put up sign boards near the main entrance of the plant to display consent number & validity.
8. Suitable species of trees and curtain plants shall be planted and maintained within and along the periphery of the premises, forming a green belt to improve the environment.
9. Fencing shall be provided around the boundary of quarry and shall be maintained properly.
10. After completion of excavation at any site, the abandoned quarry shall be utilized for rain water harvesting with protective barriers/ any other suitable approved purpose or may be reclaimed as per specification.
11. Quarrying activity shall not be carried out during night hours.
12.  $PM_{10}$  in ambient air at the boundary of quarry shall not exceed 100 micrograms per cubic meter and  $PM_{2.5}$  in ambient air at the boundary shall not exceed 60 micrograms per cubic meter .
13. The Sound level (Leq) at 1m outside the boundary of the site shall not exceed the ambient noise standards applicable to the adjoining areas.
14. The consent issued from the Board shall be valid only for a period when all other statutory or necessary clearances from other concerned authorities are valid.
15. The applicant shall comply with the instructions that the Board may issue from time to time regarding the prevention and control of Air, Water, Land and Sound Pollution.
16. Regular wetting of the roads in the premises of the quarry and approach roads near the quarry shall be done for avoiding excessive dust emission within and outside the boundary of the unit.
17. Products shall be transported with proper cover and/or after wetting to prevent spreading of dust.
18. Once the lease/permit from the mining and geology is obtained, copy of the same shall be submitted to the office.

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



Digitally signed by PRAVITHAMOL T N  
Date: 2024.12.02 13:03:16 IST

SIGNATURE OF ISSUING AUTHORITY  
ENVIRONMENTAL ENGINEER



**To**

M/s VAJRA ROCK MINING INDUSTRIES  
KALLIPPARA, NIRATHUPARA P.O, KOODAL, KONNI, PATHANAMTHITTA.  
E-Mail : mavanalgroup@gmail.com  
Contact Number :9447163717, 9447163717

- 1.This digitally signed document is legally valid as per the Information Technology Act 2000
2. For verifying this document please go to [www.keralapcbonline.com](http://www.keralapcbonline.com) and search using Certificate Number/Name of the unit/Application Number in "Certificate Verification" link in the home page of the Board's Phoenix website.

**TEST REPORT**

ULR No: TC1293925000022046F

LRI No.: SEAAL25091384A

Date: 23-09-2025

Page 1 of 1

**CUSTOMER DETAILS**

Customer Name & Address	<b>M/s Vajra Rock Mining Industries</b> Kallippara, Nirathupara Konni, Pathanamthitta District.
Customer Reference	Test Request date: 15-09-2025

**SAMPLE DETAILS**

Product Category	Atmospheric Pollution	Sample Code	EN25090422
Sample Name	Ambient Air	Sample Received on	16-09-2025
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	17-09-2025
Sampled by	Lab Authorized Sampler	Test Completed on	22-09-2025

**DETAILS OF SAMPLING**


Sampling Location	Near Boundary	Date of Sampling	15-09-2025
Sampling Procedure	SEAAL/CHL/SOP/7.3/02	Humidity	70 %

**TEST RESULTS-CHEMICAL DISCIPLINE**

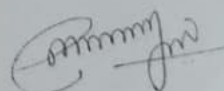
NO	PARAMETERS	TEST METHOD	UNIT	RESULT	KSPCB LIMIT
1	Particulate matter ,PM <sub>10</sub>	IS 5182 (Part 23): 2006	µg/m <sup>3</sup>	50.8	100 (Max)
2	Particulate matter ,PM <sub>2.5</sub>	IS 5182 (Part 24): 2019	µg/m <sup>3</sup>	22.9	60 (Max)

Remarks:

\*\*\*End of Report\*\*\*



Shency Joy  
 TM - Chemical  
 Checked by

Laiju P.N.  
 Laboratory Head  
 Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory. Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

**Standards Environmental & Analytical Laboratories**

Accreditation &amp; Certification:

NABL accredited Laboratory as per ISO/IEC 17025:2017 vide Certificate No. TC-12939; ISO 45001:2018 OHSAS certified laboratory.  
 Approval & Recognition: MoEF recognized Environmental Laboratory; "A" Grade Laboratory approved by KSPCB.

## TEST REPORT

ULR No: TC1293925000022047F

LRI No.: SEAAL25091385A

Date: 23-09-2025

Page 1 of 1

### CUSTOMER DETAILS

Customer Name & Address	<b>M/s Vajra Rock Mining Industries</b> Kallippara, Nirathupara Konni, Pathanamthitta District.
Customer Reference	Test Request date: 15-09-2025

### SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN25090423
Sample Name	Noise Level	Monitoring Commenced on	15-09-2025
Test Method	IS 9989:1981	Sampled by	Lab Authorized Sampler
Monitoring Location	1m away from the boundary		

### TEST RESULTS-CHEMICAL DISCIPLINE

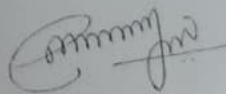
SL NO	SOURCE	UNIT	RESULT	KSPCB LIMIT
1	Ambient Sound Level (Leq) Day Time	dB(A)	52.7	55 (Max)

Remarks:

\*\*\*End of Report\*\*\*



Shency Joy  
TM - Chemical  
Checked by

Laiju P.N.  
Laboratory Head  
Authorized Signatory

The results are related to the samples tested; This test report shall not be reproduced except in full, without the written approval of the laboratory. Unless requested by the customer; the samples will not be retained for more than 7 days from the date of report.

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