

Quarry project of
M/s. SOUTHERN ROCK & AGGREGATE MINING
COMPANY

APPLICANT
Sri.T Mathew Abraham
Proprietor
Painkulam Village
Thalappilly Taluk
Thrissur District
Kerala

Re Sy.No	1019/3,1019/4,1019/5,1019/6,1019/7, 1021/6,1021/8, 1021/9,1027P,1028P,1029P and1030P
VILLAGE	Painkulam
TALUK	Thalappilly
DISTRICT	Thrissur
STATE	Kerala
AREA	7.800 Ha

SECOND HALF
COMPLIANCE REPORT

(Ref: E.C. No.285/SEIAA/KL/1362/2014)

Forthe period up to
October 2019 – March 2020

M/s SOUTHERN ROCK & AGGREGATE MINING COMPANY,
Painkulam,Thrissur

To,
Chairman/ Member secretary
State Environmental Impact Assessment Authority,
Government of Kerala

Sub: Environmental Clearance – Proposed quarry Project

Re Sy.No1019/3,1019/4,1019/5,1019/6,1019/7,1021/6,1021/8,1021/9,1027P,1028P,1029P
and1030P at Painkulam Village, Thalappilly Taluk, Thrissur District, Kerala - The Second
Half Compliance report-Reg. Ref: E.C. No. 285/SEIAA/KL/1362/2014.dtd.05.12.2014

Respected Sir,

Our Quarry project was accorded with Environmental Clearance vide order E.C. No.
285/SEIAA/KL/1362/2014. dtd.05.12.2014. The Second Half compliance report of the
specific and general conditions of the Environmental clearance is enclosed.

Thanking You

You're faithfully

Sri. T Mathew Abraham

Proprietor

M/s SOUTHERN ROCK & AGGREGATE MINING COMPANY

Copy to

The Regional Director

MoEF Regional Office , southern zone, Kendriya Sadan, 4th Floor,
E&F Wing , II Block, Koramangala , Bangalore-560034.

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1. ABOUT THE PROPONENT

Sri.T. Mathew Abraham, Proprietor, M/s Southern Rock &Aggregate Mining Companyin PainkulamVillage and ThalappillyTaluk,Thrissur District, Kerala state.

State Environmental Impact Assessment Authority (SEIAA) Kerala accorded Environmental Clearance No.285/SEIAA/KL/1362/2014dtd.05.12.2014to the quarry projectM/s Southern Rock &Aggregate Mining Company in Painkulam Village and Thalappilly Taluk, Thrissur District, Kerala state. Managed by Sri.T. Mathew Abraham

The quarry project is controlled and managed by Sri.T.Mathew Abraham,Proprietor, M/s Southern Rock &Aggregate Mining Company in Painkulam Village and Thalappilly Taluk, Thrissur District, Kerala state ; Contact Details; Phone No:9995407570 e-mail:southernrocks999@gmail.com

II. ABOUT THE PROJECT

a. Project category:

The project comes under the Category B, Activity 1(a), (i) of Schedule ofEIA Notification 2006 and subsequent amendments.it is further categorized as Category B2

b. Project location:

Sy.Nos. 1019/3,1019/4,1019/5,1019/6,1019/7,1021/6,1021/8,1021/9,1027P,1028P,1029P and1030P at Painkulam Village,Thalappilly Taluk,ThrissurDistrict, Kerala. The proposed project site falls within $10^{\circ}44'02.9''$ N to $10^{\circ}44'10.8''$ N and $76^{\circ}17'38.2''$ E to $76^{\circ}34'53.4''$ E.

c. Project extent and activity:

The project is for quarrying of 3, 00,000MTA of building stone from an area of 7.800hectares of land located as specified above.

d. Project description:

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

III. REPORT OF COMPLIANCE

A. SPECIFIC CONDITIONS

Item no	Stipulations in EC	Status of Compliance	Remarks
S-1	Steep cutting with more than 50m height are seen in the active and old quarried faces. Bench formation is being introduced in the presently active working area on the top but need planning with a main haulage to the top. Hence the steeply cut faces on the lower/bottom region must be fenced and provided with danger signs. It must be worked only after benches are made on the top.	Presently mining activities are stopped because of the Notice received from mining and Geology Department Thrissur. We will follow the direction contained when the mining start.	<u>Annexure G:1</u> Notice from mining and Geology Department Thrissur.
S-2	Pockets of overburden are seen in the elevated crustal parts and in the eastern flanks. This is now stored in the low lying area but not in the designated places. Sheet flow of rain water can carry soil from this area. This is a need to preserve OB for restoration of the quarry during the closure. Care must be taken when the OB is removed from the steep slopes. Dark humus rich top soil must be preserved.	OB stored properly	
S-3	Mechanism to channelize the water, arrest soil movement, desilination and clarification of water	Scrupulously follow the direction contained.	

	do exist. The old pit in the Centre of the active quarry is used as a settling tank as well as RWH Pond. The entire flow from the quarry face is directed to this pit. The water existing from these areas is not provided with silt traps and lined channels though planned. A proper silt trap mechanism and clarification mechanism must be provided.		
S-4	There is no separate stockyard for the finished product from their crushed unit. Presently it is being stored in open spaces on the southern side.	Scrupulously follow the direction contained.	
S-5	Vegetative covering must be provided in the debris mantle slopes where quarry operation is not planned.	Scrupulously follow the direction contained.	
S-6	100m buffer distance must be provided from the dwelling units.	Scrupulously follow the direction.	

B. GENERAL CONDITIONS

ItemNo	Stipulations in EC	Status of Compliance	Remarks
G-1	Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR.	Provision is made for storage of rain water.	<u>PLATE G: 1</u> -Rainwater harvesting pits.
G-2	Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.	Environmental Monitoring Cell headed by the quarry/Mines Manager along with qualified Environmental Consultant/Engineers is being engaged for effective implementation of the pollution control measures.	
G-3	Suitable avenue trees should be planted along either side of tarred road and open parking areas, if any, inclusive of approach road and internal roads	Avenue trees planted along either side of tarred road	<u>Plate G:3</u> -Avenue trees planted along either side of tarred road.
G-4	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Installation of Solar lights on the parking area and approach roads are under process.	
G-5	Sprinklers shall be installed and used in the project site to contain	Sprinklers are installed in the project site and outside the	Plate G:5-Sprinklers installed.

	dust emissions.	project site to minimize the dust emission.	
G-6	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	At the time of the closure of the mine, it shall be ensured that the directions contained are scrupulously followed.	
G-7	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with dumbplings and overburden and planted with indigenous plant species that are eco-friendly	This will be done at the final stage of the quarry closure.	
G-8	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.	Activities towards Corporate Social Responsibility are being done in tune with the conditions specified in the Companies Act, 2013.	<u>Annexure G-8</u> ; Copy of Some Receipts of CSR
G-9	The lease area shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mining.	Entire lease area has fenced.	Plate G:9-Fencing around the boundary area.
G-10	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per	As per the stipulations of Explosive Department the warning alarms is being given	

	Stipulations of Explosive Department.	during the blasting time and it is ensured that no person shall enter the premises at this time.	
G-11	Control measures on noise and vibration prescribed by KSPCB should be implemented	All the measures are implemented to control noise and vibration as per KSPCB guidelines.	
G-12	Quarrying activities should be limited to day time as per KSPCB should be implemented.	Quarrying activities are restricted to only day time as per the KSPCB guidelines.	
G-13	Blasting should be done in a controlled manner as specified by the regulation of explosives Department or any other concerned agency.	Controlled blasting is being followed/practiced as per regulation of explosive department under the supervision of competent persons. Blasting time 10.00 am to 10.30 am and 1 pm to 1.30 pm.	
G-14	A licensed person should supervise /control the blasting operation.	Having one first class manager, second class manager, foreman and two mines mates.	Annexure G: 14-Attached Mines manager Certificate.
G-15	Access roads to the quarry shall be tarred to contain dust emissions that	Access roads to the quarry site are tarred and maintained	Plate G:15-Access Road to the Quarry.

	may arise during transportation of materials.	effectively, and also the avenue plantation has been carried out.	
G-16	Overburden materials should be managed within the site and the old quarries, if any should be reclaimed and stored.	Over burden has been stacked inside the quarry and the same will be utilized to back filled the mined area during the mines closure.	
G-17	Height of benches should not exceed 5 m and width should not be less than 5 m.	Height of the benches is maintained at 5 x 5 m.	Plate G:17-Bench Height
G-18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	Mats are used during vibration studies	Plate G:18 -Mats are used during vibration studies
G-19	Maximum depth of mining from general ground level at site shall not exceed 10m.	The maximum depth of mining is now above ground level.	
G-20	No mining operations should be carried out at places having a slope greater than 45°	It is ensured that no mining is carried out at places having a slope greater than 45°.	
G-21	Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given	In the crushing unit, entire activity is made in-house and Closed Conveyor System is practiced by constructed with hollow bricks wall and regular monitoring is being carried out.	

	by CPCB/KSPCB.		
G-22	The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.	The workers on the site is provided with the required protective equipment such as ear muffs, helmet, etc.	<u>Plate G: 22</u> -Workers with protective equipment.
G-23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Garland drains with clarifiers are provided.	<u>Plate G: 23</u> -Garland drains.
G-24	The transportation of minerals should be done in covered trucks to contain dust emissions.	Transportation trucks carrying minerals is covered to contain dust emission.	<u>Plate G: 24</u> -Covered trucks.
G-25	The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.	It is ensured that, it will be planted 5 times of the loss that has been occurred while clearing.	<u>Plate G: 25</u> -Plantation.
G-26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Spent oil from diesel engines will be stored in the empty barrel and the same will be sold to the approval /authorized recycler/processors as per HMW Rules, 2016.	
G-27	Explosives should be stored in magazines in isolated place specified and approved by	Magazines are stored in isolated place.	

	Explosive Dept.		
G-28	A Minimum buffer distance of 100 m from the boundary of the quarry to the nearest dwelling unit or other structure , not being any facility for mining shall be provided	Statutory safe distance shall be maintained without fail.	
G-29	200m buffer distance should be maintained from forest boundaries	Statutory safe distance shall be maintained without fail	
G-30	Consent from Kerala State Pollution, Control Board under Water and Air (s) should have been obtained before initiating mining activity.	Consent letter is attached	<u>Annexure G-30;</u> Consent No; PCB/TSR/IC/206/07 issued on 12/08/2018, valid up to 30/06/2023.
G-31	All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.	<ol style="list-style-type: none"> <u>1.</u> Paanjal Grama Panchayath (License No; C3-C3-816-2019/2019-20- _111 valid up to 31/03/2024 <u>2.</u> Petroleum and Explosive safety Organization (formerly Department of Explosives) License (No. E /SC/KL/22/867(E40147) valid up to 31/03/2020) <u>3.</u> Annexure G-31(3): Copy of the quarry Lease issued 	<ol style="list-style-type: none"> <u>1. Annexure G-31(1);</u> <u>1.</u> Paanjal Grama Panchayath (License No; C3-C3-816-2019/2019-20- _111 valid up to 31/03/2024 <u>2. Annexure G-31(2)</u> Petroleum and Explosive safety Organization (formerly Department of Explosives) License (No. E /SC/KL/22/867(E40147) valid up to 31/03/2020) <u>3. Annexure G-31(3):</u> Copy of the quarry Lease issued by the DMG

		by the DMG Order no:830/2014- 15/1794/M3/2015	Order no:830/2014-15/1794/M3/2015
G-32	In the case of any change in the scope of the project the projects would require a fresh appraisal by this authority.	The Proponent shall abide by the directions of SEIAA Kerala in such a context, if arises	
G-33	The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act,1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	The proponent shall abide by the directions of SEIAA Kerala in such a context, if arises.	
G-34	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with including the provisions of Act, 1974. The Air (Prevention and control ofPollution) act 1981, the Environment (Protection)Act,	Strict compliance is adhered to and is reviewed periodically bythe top management.	

	1986,thePublic Liability (Insurance) Act, 1991 and EIA Notification, 2006.		
G-35	The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper)shall be in the vernacular language informing that the project has been accorded Environmental Clearanceand copies of clearance letters are available with the District Environmental Impact Assessment Authority (DEIAA) office Kozhikode and may also be seen and may also be seen on the website of the Authority at www.environmentalclearance.nic.in . The advertisement should be made within 10 days from the date of	Advertisements regarding the obtaining of Environmental Clearance were given in two local newspapers and forwarded to SEIAA.	<u>Annexure G-35</u> ; Attached Paper Cutting.

	receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.		
G-36	A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat/ District Panchayat/ Municipality/ Corporation/ Urban Local Body and also to the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The Environmental clearance shall also be put on the website of the company by the proponent.	<ol style="list-style-type: none"> 1. .Copy of EC has been forwarded to the secretary Paanjal GramaPanchayth 2. Copy of EC displayed in the notice board of the mining site. 	
G-37	The proponent shall submit half yearly reports on the status of compliance of the stipulated EC Conditions	Presently mining activities are stopped because of the Notice received from mining and Geology Department	

	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, Government of India and also to Directorate of Environment and climate change, Govt. of Kerala.	Thrissur. We will follow the direction contained when the mining start.	
G-38	The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font of size of not less than 40. Sign board with extend of lease area boundaries shall be depicted at the entrance of the quarry, visible to the public.	Environmental Clearance displayed in a metallic board.	Plate G:38-Environmental Clearance display board.
G-39	The proponent should provide notarized affidavit (indicating the number and date of environmental clearance proceedings) that all the conditions stipulated in the EC shall	Notarized affidavit has been submitted stating that all EC conditions will be followed.	

	be scrupulously followed.		
G-40	The above conditions shall prevail notwithstanding anything to the contrary ,in consist, or simplified, contained in any other permit ,license on consent given by any other authority for the same project.	The conditions of SEIAA are strictly followed.	

ANNEXURE



“ഭരണഭാഷ - മാതൃഭാഷ”

നമ്പർ.1991/സി2/ടിഡിഒ/18

മൈനിംഗ് & ജിയോളജി വകുപ്പ്
ജില്ലാ കാര്യാലയം, ചെമ്പുക്കാവ്
തൃശ്ശൂർ ജില്ല, പിൻ-680 020
Web:-www.dmg.kerala.gov.in.
E-mail:- geo.thr.dmg@kerala.gov.in
ഫോൺ:-0487 2320677
തീയതി, 10.10.19

നോട്ടീസ്

- വിഷയം:- വനിയും വനിജങ്ങളും-ചെറുകിട വനിജങ്ങൾ-കരിങ്കല്ല്-വന്യജീവി സങ്കേതങ്ങളുടെയും നാഷണൽ പാർക്കുകളുടെയും 10 കി.മീ ദൂര പരിധിയിൽ പ്രവർത്തിക്കുന്ന ക്വാറികളുടെയും ക്രഷറുകളുടെയും പ്രവർത്തനം നിരോധിക്കുന്നത്-സംബന്ധിച്ച്.
- സൂചന:- 1. ബഹു.കേരള ഹൈക്കോടതിയുടെ 13.06.18 ലെ W.P.(C)40525/2017(M) & 25.06.18 ലെ W.P.(C)40525/2017(M) in W.A.No.1201/2018 നമ്പർ കേസിലെ വിധിന്യായങ്ങൾ
2. ഭാരത സർക്കാർ പരിസ്ഥിതി വന കാലാവസ്ഥ വ്യതിയാന വകുപ്പിന്റെ 08.08.19 ലെ ഓഫീസ് മെമ്മോറാണ്ടം (F.No.22-43/2018-IA III)
3. പ്രിൻസിപ്പൽ ചീഫ് ഫോറസ്റ്റ് കൺസർവേറ്റർ & വൈൽഡ് ലൈഫ് വാർഡന്റെ 29.06.19 ലെ WL3-1084/2019 നമ്പർ കത്ത്
4. മൈനിംഗ് & ജിയോളജി ഡയറക്ടറുടെ 17.09.19 ലെ 6426/എം3/2019 നമ്പർ കത്ത്
5. മൈനിംഗ് & ജിയോളജി ഡയറക്ടറേറ്റിൽ നിന്നും ഈ കാര്യാലയത്തിലേയ്ക്ക് അയച്ചു തന്ന KML ഫയൽ
6. ഈ ഓഫീസിൽ നിന്നും 23.09.19 തീയതിയിൽ വൈൽഡ് ലൈഫ് വാർഡൻ, പീച്ചി/ വാഴാനി/ചിമ്മിനി, ഡി.എഫ്.ഒ., തൃശ്ശൂർ, ഡി.എഫ്.ഒ., ചാലക്കുടി, ഡി.എഫ്.ഒ., നെന്മാറ എന്നവർക്ക് അയച്ച 1991/സി2/ടിഡിഒ/18 നമ്പർ കത്തുകൾ

മേൽ സൂചനകളിലേയ്ക്ക് ശ്രദ്ധ ക്ഷണിയ്ക്കുന്നു. സൂചന (1) (2) (3) എന്നിവ പ്രകാരം വന്യജീവി സങ്കേതങ്ങളുടെയും നാഷണൽ പാർക്കുകളുടെയും 10 കി.മീ പരിധിക്കുള്ളിൽ പ്രവർത്തിക്കുന്ന ക്വാറികളുടെയും ക്രഷറുകളുടെയും പ്രവർത്തനം നിരോധിക്കേണ്ടതുണ്ട്. സൂചന (4) പ്രകാരമുള്ള ബഹു.മൈനിംഗ് & ജിയോളജി ഡയറക്ടറുടെ കത്തിന്റെ അടിസ്ഥാനത്തിൽ സൂചന (5) പ്രകാരം ഡയറക്ടറേറ്റിൽ നിന്നും ലഭ്യമായ KML ഫയൽ പരിശോധിച്ചതിൽ താങ്കളുടെ ഉടമസ്ഥതയിലുള്ള കരിങ്കൽ ക്വാറി വന്യജീവി സങ്കേതത്തിന്റെ 10 കി.മീ ദൂരപരിധിയ്ക്കുള്ളിൽ സ്ഥിതി ചെയ്യുന്നതായി കാണുന്നു. ആയതിനാൽ പ്രസ്തുത ക്വാറിയുടെയും ക്രഷറിന്റെയും പ്രവർത്തനം നിർത്തിവയ്ക്കേണ്ടതും ഇപ്രകാരം പ്രവർത്തനം നിർത്തിവച്ച വിവരം ഈ ഓഫീസിനെ രേഖാമൂലം അറിയിക്കേണ്ടതുമാണ്.

ഈ വിഷയം സംബന്ധിച്ച് നിലവിലുള്ള കോടതി വിധികളും കേന്ദ്രവനം പരിസ്ഥിതി കാലാവസ്ഥാ മന്ത്രാലയത്തിന്റെ ഉത്തരവുകളും പ്രകാരം വന്യജീവി സങ്കേതങ്ങൾ, നാഷണൽ പാർക്കുകൾ എന്നിവയുടെ 1 കി.മീ പരിധിയ്ക്ക് പുറത്തും എന്നാൽ 10 കി.മീ പരിധിയ്ക്ക് ഉള്ളിലുമായി ഖനനപ്രവർത്തനം നടത്തുന്നതിന് നാഷണൽ ബോർഡ് ഫോർ വൈൽഡ് ലൈഫിന്റെ സ്റ്റാൻഡിംഗ് കമ്മിറ്റിയിൽ നിന്നുള്ള ക്ലിയറൻസ് ലഭ്യമാക്കി ഈ ഓഫീസിൽ ഹാജരാക്കുന്നപക്ഷം ആയത് ഈ ഓഫീസ് പരിഗണിച്ച് ഖനനപ്രവർത്തനം നടത്തുന്നതിന് അനുമതി നൽകുന്നതാണ്.



10/10/2019
ജിയോളജിസ്റ്റ്

സ്വീകർത്താവ്:-1. ശ്രീ.കെ.വി.ശശികുമാർ, മാനേജിംഗ് പാർട്ടണർ,
മെസേഴ്സ്.കെ.ജെ.വാസുദേവൻ നായർ ഗ്രാനൈറ്റ്സ്,
മുളങ്കുന്നത്തുകാവ്.പി.ഒ., തൃശ്ശൂർ 680 581
email:- kjvgranites@gmail.com

2. ശ്രീ.അനിയൻ മാത്യു, മാനേജിംഗ് ഡയറക്ടർ,
ഫോർ സ്റ്റാർ ഗ്രാനൈറ്റ്സ് (പ്രൈവറ്റ്) ലിമിറ്റഡ്, 917/എ, മംഗലത്ത്,
വെളുത്തൂർ റോഡ്, ചേറൂർ, തൃശ്ശൂർ 680 008
email:- graniteindiater@gmail.com

3. ശ്രീ.ജോസ് ജോൺ, മാനേജിംഗ് ഡയറക്ടർ,
മെസേഴ്സ്.മുദുൾ ഗ്രാനൈറ്റ്സ് & ക്രഷർ (പ്രൈവറ്റ്) ലിമിറ്റഡ്,
കോതറ, മാടക്കത്തറ.പി.ഒ., തൃശ്ശൂർ 680 651
email:- josejohn1@gmail.com

4. ശ്രീമതി.ലാലി ഔസേഫ്, മാനേജിംഗ് ഡയറക്ടർ,
മെസേഴ്സ്. സെന്റ് ബേസിൽ ഗ്രാനൈറ്റ്സ്,
കവനകുടിയിൽ വീട്, പട്ടിക്കാട്.പി.ഒ., തൃശ്ശൂർ-680 652
email:- mail@stbasilgranties.com

5. ശ്രീ.ദിനേഷ് മോൻ.എൻ.ടി., പ്രൊഫൈറ്റർ, രൂദ്ര ഗ്രാനൈറ്റ്സ്,
നീണ്ടുതലയ്ക്കൽ വീട്, മുട്ടിക്കൽ, കുണ്ടുകാട്.പി.ഒ., തൃശ്ശൂർ 680 028
email:- dineshneenduthalakkal@gmail.com

6. ശ്രീ.ഷിബു പൈനാടത്ത് ജോൺ, മാനേജിംഗ് ഡയറക്ടർ,
മെസേഴ്സ്.പൈനാടത്ത് ഗ്രാനൈറ്റ്സ് (പ്രൈവ) ലിമിറ്റഡ്,
പൈനാടത്ത് എസ്റ്റേറ്റ്, പുളിങ്കര, കുറ്റിച്ചിറ.പി.ഒ., തൃശ്ശൂർ 680 724
email:-pycons@gmail.com

7. ബേസിൽ മാടക്കപ്പിള്ളി, മാനേജിംഗ് പാർട്ട്ണർ,
മെസേഴ്സ്. വിളമനഇൻഡസ്ട്രീസ്, പൂക്കാട്ടുപ്പടി, കിഴക്കമ്പലം,
എറണാകുളം 683 581
email:- vilamana99@gmail.com

8. സാജു ജോസഫ്, മാനേജിംഗ് പാർട്ട്ണർ,
മെസേഴ്സ്.പിക്സൽഗ്രാനൈറ്റ്സ്,കളംപറമ്പിൽ വീട്,
കരയാംപറമ്പ്, കറുകുറ്റി.പി.ഒ., അങ്കമാലി, എറണാകുളം ജില്ല 683 576
email:-sajoojoseph@gmail.com

9. ശ്രീ.ബിജു.പി.സെബാസ്റ്റ്യൻ, മാനേജിംഗ് പാർട്ട്ണർ,
മെസേഴ്സ്.സെന്റ് മേരീസ് ക്വാറി, കണിയാർകുഴിയിൽ, എം.ജി.സ്കായർ,
തൊടുപുഴ, ഇടുക്കി ജില്ല 685 584
email:- stmarysquarry@gmail.com

10. ശ്രീമതി.ശോഭന.പി., പാലത്തൊടി വീട്, കൊളമ്പുള്ളി.പി.ഒ.,
ഷൊർണ്ണൂർ, പാലക്കാട്
email:- pradeepquarry@gmail.com

11. ശ്രീ.ടി.മാത്യു അബ്രഹാം, പ്രൊഫ്രെറ്റർ,
സതേൺറോക്ക് & അഗ്രഗേറ്റ് മൈനിംഗ് കമ്പനി, വല്ലംകുളം.പി.ഒ.,
തിരുവല്ല, പത്തനംതിട്ട
email:- southernrocks999@gmail.com

12. ശ്രീ.എ.ജി.മായവൻ, മാനേജിംഗ് ഡയറക്ടർ,
മെസേഴ്സ്. നിള മെറ്റൽസ് (പ്രൈവ) ലിമിറ്റഡ്, വെള്ളപ്പാറ,
പഴയന്നൂർ.പി.ഒ., തൃശ്ശൂർ 680 587
email:- thenilasand@gmail.com

14. ശ്രീ.മടപ്പൻ അബ്ദുൾ റഷീദ്, മാനേജിംഗ് ഡയറക്ടർ,
ഓയാസീസ് ഡെയ്ൽ അഗ്രഗേയ്റ്റ് പ്രൊഡക്റ്റ്സ് (പ്രൈവറ്റ്) ലിമിറ്റഡ്,
പി.ഒ.തൊഴുപ്പാടം, ചേലക്കര, തൃശ്ശൂർ 680 586

email:- arasheedm@gmail.com

15. ശ്രീ.കെ.ആർ വിശ്വനാഥൻ, മാനേജിംഗ് പാർട്ട്ണർ,
മെസേഴ്സ്.ചേലക്കര ഗ്രാനൈറ്റ്സ്, കിളുളിമംഗലം.പി.ഒ.,
ചേലക്കര, തൃശ്ശൂർ

email:- chelakkaracrusher@gamil.com

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SOUTHERN ROCK & AGGREGATE MINING COMPANY
 Painkulam P.O., Cheruthuruthy, Thrissur, Pin-679 531

PAYMENT VOUCHER

Voucher No :

Date: 2/10/19

Pay to: Donation

Particulars of Payment	Rs.	P.
B.M. Berry Donation paid to Cheruthuruthy മുൻസിപ്പാലിറ്റി ഓഫീസിലേക്ക്	3000	
Rupees	3000	

Prepared by

Passed by

Payment Received

[Signature]

ജനകീയ പ്രകൃതി സംരക്ഷണ സമിതി
 സംസ്ഥാന കമ്മിറ്റി
 ജി. നമ്പർ TCR/TC/362/2014.
 സംഭവന രശ്മി

നമ്പർ 353

പേര് / സ്ഥിതി Southern Rock.
 Three thousand only.

തുക ₹ 3000/-

02/10/19

[Signature]

Southern Rock & Aggregate Mining Company
Cheruthuruthy
Thrissur
04884-261563

RAJAN PANCHAYAT PRESIDENT
Ledger Account

1-Apr-2019 to 31-Mar-2020

Date	Particulars	Vch Type	Vch No.	Debit	Page 1 Credit
7-3-2020	Cr Z GST Sales @ 0%	Trip Sheet GST	15050	4,910.00	
	Cr Z GST Sales @ 0%	Trip Sheet GST	15053	2,350.00	
	Cr Z GST Sales @ 0%	Trip Sheet GST	15054	4,910.00	
	Cr Z GST Sales @ 0%	Trip Sheet GST	15055	2,350.00	
	Cr Z GST Sales @ 0%	Trip Sheet GST	15056	4,910.00	
	Cr Z GST Sales @ 0%	Trip Sheet GST	15057	2,350.00	
	Cr Z GST Sales @ 0%	Trip Sheet GST	15058	2,650.00	
	Cr Z GST Sales @ 0%	Trip Sheet GST	15059	2,350.00	
	Cr Z GST Sales @ 5%	Trip Sheet GST	15060	4,910.00	
	Cr Z GST Sales @ 5%	Trip Sheet GST	15061	2,650.00	
	Cr Z GST Sales @ 5%	Trip Sheet GST	15062	2,650.00	
8-3-2020	Cr Z GST Sales @ 5%	Trip Sheet GST	15063	4,910.00	
	Cr Z GST Sales @ 5%	Trip Sheet GST	15065	4,910.00	
	Cr Z GST Sales @ 5%	Trip Sheet GST	15066	4,910.00	
	Cr Z GST Sales @ 5%	Trip Sheet GST	15067	4,910.00	
	Cr Z GST Sales @ 5%	Trip Sheet GST	15068	4,910.00	
				61,540.00	
Dr	Closing Balance				61,540.00
				61,540.00	61,540.00

16 loads of materials given to Mr. Rajan Panchayat
President for the Road work as given.



मान अधिनियम 1952

THE MINES ACT 1952

द्वितीय श्रेणी प्रबंधक सहायता प्रमाण-पत्र धातुसंपादक खान के प्रबंध हेतु
MANAGER'S SECOND CLASS CERTIFICATE OF COMPETENCY
TO MANAGE A METALLIFEROUS MINE

(धातुसंपादक खान विनियम 1961 के अंतर्गत)
(Under the Metalliferous Mines Regulations, 1961)

(केवल विस्तृत खनन से प्राप्त खानों तक ही सीमित)
(Restricted to mines having opencast workings only)

प्रिंसिपल अफ़ाहम . टी

चिनकी क्रम दिशि 09. 10. 1978 हे. विनियम 16 के अंतर्गत अनुश्रुति प्राप्त, बाधमाली को में स्नातक प्राप्त करने पर 09 दिशित अनुभव की समाप्ति पर एतद्वारा केवल विस्तृत खनन से प्राप्त धातुसंपादक खानों के प्रबंध हेतु द्वितीय श्रेणी प्रबंधक सहायता प्रमाण-पत्र प्रदान किया जाता है। यह प्रमाण-पत्र 30. 08. 2002 को प्रभारों समझा जाएगा।

Principle Afrahm . T

born on 09 October, 1978

possessing a Degree

in Mining Engineering approved under Regulation 16 and on completion of the prescribed experience is hereby granted MANAGER'S SECOND CLASS CERTIFICATE OF COMPETENCY to manage a metalliferous mine having opencast workings only. This Certificate is effective from 30. 08. 2002



हस्ताक्षर

सदस्य, परीक्षा बोर्ड

Members of the Board of
Mining Examinations.

Signed and Sealed
Date: 19

09 SEP 2001

Principle Afrahm

Principle Afrahm

Principle Afrahm

Principle Afrahm

सदस्य

माननीय अध्यक्ष

Chairman of the Board of
Mining Examinations.



G-30

KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/TSR/IC/206/07

Date of issue :06/06/2017

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : PCB/DO/TSR/R4/ICO/804/2017

Ref : Previous Consent No:PCB/DO/TSR/R3/ICO/804/2016 dated 04.03.2016

The 'Integrated Consent to Operate' issued as per reference above to M/s SOUTHERN ROCK & AGGREGATE MINING COMPANY(QUARRY)

PAINKULAM P.O. , CHERUTHURUTHY, THRISSUR- 679531 is hereby renewed up to 30/06/2020 and issued to M/s SOUTHERN ROCK & AGGREGATE MINING COMPANY(QUARRY)

PAINKULAM P.O. , CHERUTHURUTHY, THRISSUR- 679531 The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	Last date of consent renewal	31.03.2020

Stack Details

Stack No.	Source of Emission	Emission Rate(Nm ³ /Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	

III. CONDITIONS

3.1 The PM10 in ambient air at the boundary shall not exceed 100 µg/m³.

3.2 The PM2.5 in ambient air at the boundary shall not exceed 60 µg/m³.

3.3 The sound level (Leq) at 1m outside the boundary of the site should not exceed the ambient noise standard applicable to the adjoining areas.

3.4 Suspended particulate matter at the boundary of the premises shall not exceed the limit applicable to that area as per the National Ambient Air Quality Standards.

3.5 The consent issued from the Board shall be valid only for a period when all other statutory or necessary

clearance from other concerned authorities are valid.

3.6 The renewal application shall be submitted on or before 31.03.2020. Late application shall be accepted only with fine as applicable.

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

DATE :06/06/2017

SIGNATURE & SEAL OF ISSUING AUTHORITY

OFFICE SEAL

To



P.K. BABURAJAN
ENVIRONMENTAL ENGINEER
KERALA STATE POLLUTION CONTROL BOARD
DISTRICT OFFICE, THRISSUR



<p>ലൈസൻസ് നമ്പർ : 34 3746 2019 2019 20 114</p> <p>തീയതി : 09.04.2019</p> <p>പാതാൾ ഗ്രാമപഞ്ചായത്തിൽനിന്നും</p> <p>1990ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994ലെ 131, 232, 233, 234, 235 എന്നീ വകുപ്പുകളും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിച്ച്</p> <p>ഷാക്കികൾ, വ്യാപാരങ്ങൾ, സംരംഭങ്ങൾ, കുറ്റാസനങ്ങൾ എന്നിവയ്ക്കായി നൽകുന്ന</p> <p>ലൈസൻസ്</p>							
<p>ലൈസൻസിയുടെ പേരും മേൽവിലാസവും</p>	<p>ടി.മാത്യു എബ്രാഹം, സരോൺ റോക്ക് & ആഗ്രിഗേറ്റ് മൈനിംഗ് കമ്പനി,പൈകുളം</p>						
<p>സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും</p>	<p>സരോൺ റോക്ക് & ആഗ്രിഗേറ്റ് മൈനിംഗ് കമ്പനി.</p>						
<p>ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ</p>	<p>176 എച്ച് പിHP ഉപയോഗിച്ച് ക്വാറി ക്രഷർ നടത്തുന്നതിന്</p>						
<p>കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും</p>	<p>15 / 321</p>						
<p>ലൈസൻസ് കാലയളവ്</p>	<p>01-04-2019 മുതൽ 31-03-2024 വരെ</p>						
<p>ഈടാക്കിയ ലൈസൻസ് ഫീസ്</p>	<table border="1"> <tr> <td> <p>400,000 + 23,500 - രൂപ</p> </td> <td> <p>രസീത് നമ്പർ</p> </td> </tr> <tr> <td> <p>കോഴിക്കരം</p> </td> <td> <p>110020104637 തീയതി 20-03-2019</p> </td> </tr> <tr> <td></td> <td> <p>1250 + 1250</p> </td> </tr> </table>	<p>400,000 + 23,500 - രൂപ</p>	<p>രസീത് നമ്പർ</p>	<p>കോഴിക്കരം</p>	<p>110020104637 തീയതി 20-03-2019</p>		<p>1250 + 1250</p>
<p>400,000 + 23,500 - രൂപ</p>	<p>രസീത് നമ്പർ</p>						
<p>കോഴിക്കരം</p>	<p>110020104637 തീയതി 20-03-2019</p>						
	<p>1250 + 1250</p>						
<p>ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരീക്ഷണങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)</p>	<p>1. മലിനീകരണനിയന്ത്രണ ബോർഡിൽനിന്നുള്ള അനുമതി ... 19.04.2019 മുതൽ 12.04.2019</p> <p>2. ജില്ലാ കളക്ടറുടെ ഫീഫ് കൺട്രാക്ടർ ഓഫ് എക്സ്പ്ലോസിവിന്റെ അനുവാദപത്രം</p> <p>3. മൈനിംഗ് & ജിയോളജി വകുപ്പിൽനിന്നുള്ള അനുമതി</p> <p>4. മേയ്ക്ക് എൻവയൺമെന്റൽ ഇംപാക്ട് അസസ്മെന്റ് അതോറിറ്റിയുടെ അനുമതി</p> <p>5. പാറ പൊട്ടിക്കുന്ന ആളുടെ വൈദ്യം സംബന്ധിച്ച സാക്ഷ്യപത്രം</p>						

(മാഫീസ് മുദ്ര)



സെക്രട്ടറി
പാതാൾ ഗ്രാമപഞ്ചായത്ത്

SECRETARY
PANAAL GRAMPANCHAYATH

LICENCE FORM LE-3

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

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

Licence No. : E/SC/KI/22/867(E40147)

Annual Fee Rs 2400/-



1. Licence is hereby granted to : **Shri T.Mathew Abraham, Prop. Southern Rock & Aggregate Mining Company (Occupier : T.Mathew Abraham)**

**Painkulam P.O. (Via.) Cheruthuruthy, Taluk - Talappilly, Town/Village - Painkulam
District-THRISSUR, State-Kerala, Pincode - 679531**

2. Status of licensee : **Individual**

3. Licence is valid only for the following purpose : possess for use of **Nitrate Mixture, Safety Fuse, Ordinary Detonator, Electric Detonators,**

4. (a) Licence is valid for the following kinds and quantity of explosives:

Sr. No.	Name and Description	Class & Division	Sub-division (If any)	Quantity at any one time
1.	Nitrate Mixture	2.0	0	150 Kg
2.	Safety Fuse	6.1	0	1500 Mtrs
3.	Ordinary Detonator	6.3	0	2000 Nos.
4.	Electric Detonators	6.3	0	3000 Nos.

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

Drawing No : **E/SC/KI/22/867(E40147)** dated : **19/03/2007**

6. The licensed premises are situated at following address:

Survey No(s). **1034**, Town/Village : **Painkulam, Talappilly taluk**

Police Station : **Cheruthuruthy**

PinCode :

Phone :

District : **THRISSUR**

E-Mail :

State : **Kerala**

Fax :

7. The licensed premises consist of following facilities : **three Portable Explosives Magazines of A & S type and D type (524) fabricated by M/s. Thakkans Industrial Explosives Ltd**

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

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

(3) Distance Form DE-2

9. This licence shall remain valid till **31st day of March 2009**

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.

The Date: **19/03/2007**

Sd/-
**Joint Chief Controller of Explosives
South Circle, Chennai**

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : **19/07/2011**
- Amendment in Drawings/Facilities/Premises dated : **05/02/2013**
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : **05/02/2013**

Endorsement for renewal of licence:

Date of Renewal	Date of Expiry	Signature of licensing authority
28/01/2015	31/03/2020	Dy. Chief Controller of Explosives, Ernakulam उ.मु.वि.नि., एम्नाकुलम D. C. C. E. Ernakulam

Statutory Warning : Mishandling and misuse of explosives shall constitute serious criminal offence under the law.

(Set VIII)

The following are the conditions of licence number E/SC/K1/22/867(E40147) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form I.E-3 (articles 3(b) to (c)) granted by Chief controller of Explosives or Controller of Explosives.

1. The quantity of explosives on the premises at any one time shall not exceed the licensable capacity.
 2. The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to the licence.
 3. The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
 4. The opening of packages and the weighting and packing of explosives shall not be carried on in the magazine.
 5. Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other. Provided that—
(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space;
(e) Detonators belonging to Class 6 Division 3 shall be kept separately.
(f) Gun powder belonging to Class 1 shall be kept separately.
 6. Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.
 7. Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.
(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.
(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.
 8. The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean, and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from.
Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.
 9. If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the even of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory.
Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day.
- Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.
10. 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. 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. 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. 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.
 14. The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.
 15. Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.
 16. The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.
 17. 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.
The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.
 18. The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.
 19. A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.
 20. Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.
 21. Not more than 4 persons shall be allowed inside the magazine or store house at any one time.
 22. Empty packages of the explosives shall be removed at the earliest and destroyed.
 23. The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.
 24. 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.
 25. 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.
 26. 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.
 27. The possession and sale of fire-crackers generating noise level exceeding:
a) 125 dB(A) or 145 dB(C) 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 $5 \log_{10}(N)$ dB, where N = number of crackers joined together.
 28. 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.

For Joint Chief Controller of Explosives
South Circle, Chennai

3.5.14.14, 28-01-2015
D. C. E., Ennakulam

28-01-2015



GOVERNMENT OF INDIA
MINISTRY OF COMMERCE & INDUSTRY
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION (PESO)
(Formerly Department of Explosives)
Kendriya Bhavan, Block C-2, 3rd Floor
CSEZ PO Kakkanad Dist. Ernakulam Ernakulam 682037
Tele: 2427286 Fax: 2427276
Email: dycceernakulam@explosives.gov.in

No: E/SC/KL/22/867(E40147)

Dated : 28/01/2015

To,
Shri T. Mathew Abraham Prop. Southern Rock & Aggregate Mining Company,
Painkulam P.O. (Via.) Cheruthuruthy, Taluk - Talappilly
Distt. THRISSUR, State. Kerala, Pincode-679531

Subject: Possession for Use of Explosives from magazine at Survey No(s): 1034, Village/Town. Painkulam, Thalappilly taluk, Distt. THRISSUR, State Kerala Licence No.: E/SC/KL/22/867(E40147) granted in Form I.E-3 of Explosives Rules, 2008 - Renewal regarding

Sir(s),

Reference to your letter No.: nil dated: 22/01/2015, the subject licence duly renewed upto 31/3/2020 and issued in Form I.E-3 of Explosives Rules, 2008 is forwarded herewith.

Conditions:

1) Valid authorised quarry permit/Lease in the name of the licensee for blasting operations at Sy.No.1027 Pt., 1028 & 1030 Pt. of Paikulam Village, Thrissur and local state government authorities approval as applicable renewed from time to time shall be in possession. For further renewal of licence, please submit the following documents so as to reach this office on or before 31/3/2020.

- Application in Form RE-1 duly filled in and signed.
- Licence fees for one to five years in the form of demand draft drawn on any Nationalized Bank in favour of Jt. Chief Controller of Explosives, Chennai payable at Chennai.
- Original licence with approved plan.
- In this connection, please also refer to Rule 112 of Explosives Rules, 2008.
- 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)
- 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)
- 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.

An amount of Rs. 1680/- balance is in your credit, which may be utilized for future transaction by quoting this reference.

Enclosures :

Yours faithfully,

(T O Sasi)
Deputy Chief Controller of Explosives
D. C. C. E., Ernakulam

Copy Forwarded to:

1. District Magistrate, THRISSUR (Kerala) for information.

Deputy Chief Controller of Explosives
Ernakulam

[For more information regarding status, fees and other details, please visit our web site <http://peso.gov.in>]

28-01-2015

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/22/867(E40147) in form LE-3 granted to Shri T.Mathew Abraham, Prop. Southern Rock & Aggregate Mining Company, Painkulam P.O. (Via.) Cheruthuruthy, Taluk -Talappilly, Kerala - .

Type of Structure(s)	Safety distances meters	
	M	U/M
Inside Safety Distances(ISD)		
1 Room or Workshop used in Connection with the Magazine	13	19
2 Any other Explosives Magazine or store House or Factory of the Applicant		
3 Magazine Office		
Middle Safety Distances(MSD)		
4 Magazine Keeper's or Chowkidar's Dwelling house		
5 Railway including Minerals and Private Railways		
6 Canal (in active use) or other navigable water		
7 Dock or Pier or Jetty		
8 Public Highway or Public Road		40
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		
Outside Safety Distances(OSD)		
13 Dwelling House		
14 Govt. and Public Building		
15 Temple, Mosque, Church or Gurudwara or other Places of Worships		
16 Shops, Market place, Public recreation and Sports Ground, College, School, Hospital, Theater, Cinema or other Building where the public are accustomed to assemble		
17 Factory		
18 Buildings or Works used for the Storage in Bulk of Petroleum, Sprit, gas, or other inflammable or hazardous substances		45
19 Building or Works used for Storage and Manufacture of Explosives or of articles which contain Explosives		
20 Aerodrome		
21 Furnace, Kiln or Chimney		
22 Quarry or mine pit head		
23 Power House or Electric Substation		
24 Wireless Station		
25 Warehouse or other Storage Building		
26 Any other Protected works		
Overhead Electric lines		
27 Electric Power over head Transmission Lines above 440V		45
28 Electric Power over head Transmission Lines upto 440V		15

The Date : 19/03/2007

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 19/07/2011
- Amendment in Drawings/Facilities/Premises dated : 05/02/2013
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 05/02/2013

For Joint Chief Controller of Explosives
South Circle, Chennai
3.9.वि.नि., एनकुलम
D. G. C. E., Enakulam

PROCEEDINGS OF THE DIRECTOR OF MINING & GEOLOGY

Sub: Mines & Minerals - Minor Minerals - Granite (Building Stone) - Quarrying lease to Sri T Mathew Abraham, Proprietor, M/s. Southern Rock & Aggregate Mining Company, Vallamkulam P.O, Thiruvalla, Pathanamthitta, Kerala 689541 sanction - orders issued

- Ref: 1. Application dated 20/2/2015 from Sri T Mathew Abraham, Proprietor, M/s. Southern Rock & Aggregate Mining Company, Vallamkulam P.O, Thiruvalla, Pathanamthitta, Kerala 689541
 2. Letter No. 85/C2/TDO/2015 dtd 16.2.15 & 21.2.15 from the Geologist, District Office, Thrissur
 3. Kerala Minor Mineral Concession Rules, 2015
 4. Pro.No.285/SEIAA/KL/1362/2014 dtd. 5.12.2014 of Member Secretary, SEIAA

No.830/2014-15/1794/M3/2015

Dtd., Thiruvananthapuram, 07.03.2015

ORDER

A quarrying lease is granted to Sri.T.Mathew Abraham, Proprietor, M/s. Southern Rock & Aggregate Mining Company, Vallamkulam P.O, Thiruvalla, Pathanamthitta, Kerala 689541 to quarry Granite (Building Stone) over an area of 7.8000 hectares of private land comprised in Survey Nos. 1019/3,4,5,6,7,1021/6,8,9,1027P, 1028P,1029P,1030P of Painkulam Village, Thalapilly Taluk, Thrissur District for 12(twelve) years from the date of execution of the quarrying lease deed under the Kerala Minor Mineral Concession Rules, 2015 and as per the survey map issued by the Tahsildar, Thalapilly and the approved Mining Plan and environmental clearance submitted by the applicant subject to the under mentioned condition.

1. Royalty is payable to Government as per Rule 32 of the Kerala Mineral Concession Rules, 2015 in respect of minor mineral quarried and moved out of the quarry subject to revision from time to time on the basis of amendments to the schedule I of the said Rules.
2. Dead rent is realizable under of the said rules subject to revision from time to time on the basis of amendments to the schedule II of the said rules.
3. Surface rent realizable under of the said rules will be equal to the land revenue assessed by the Revenue Department subject to revision from time to time on the basis of the land revenue.
4. The lessee shall execute a quarrying lease deed within a period of six months from the date of this order in form 'H' as per Rule 43 of the Kerala Minor Mineral Concession Rules, 2015.
5. The lessee shall also deposit an amount of Rs. 10,000/- (Rupees Ten Thousand only) as security deposit for the observance of the terms and conditions of the lease before the deed is executed as per rule 42 of the said rules. The lessee shall commence quarrying operation only after the deed is executed and registered.
6. The quarrying area shall be demarcated and boundary stones fixed at the lessee's expenses before execution of the quarrying lease deed.
7. The lessee shall not win and dispose of any type of dimension and decorative stones from the area over which the quarrying lease has been sanctioned on the strength of this order
8. The production of Granite (Building Stone) from the area covered under this grant shall be subject to the quantity specified in the Mining Plan submitted by the lessee. (2,65,000 tones per year)



9. (i) The lessee shall erect a notice board in Malayalam at a prominent place with a minimum size of 1 metre X 1.5 metres in a metallic board near to the entrance of the quarry to the effect that it shall contain the name and address of the permit holder, mineral concession number and date, the mineral to be extracted, permit number and date and its date of expiry, quantity of extraction permitted (if applicable), area of extraction permitted, explosives used (if any), etc.
- (ii) The lessee shall erect a warning board with danger sign regarding operation of the quarry, 100 metres away by the side of the road leading to it.
10. The lessee should provide retention wall/barricade/fencing compound wall surrounding the quarry before the commencement of the quarrying operation for preventing accidents by falling of human beings, animals, vehicles and material into the quarry. The lessee should take effective preventive measures for the safety of labourers as well as the general public.
11. The lessee should leave a distance of 7.5m from the adjacent boundary lands including government panchayat land while carrying out quarrying operations.
12. The lessee should not assign, sublet or transfer his lease or any right or interest therein to any person without previous permission of the Director of Mining & Geology.
13. The lessee shall pay tax related to Revenue Department, if any, as directed by them and the details should be furnished to the Geologist periodically.
14. The lessee shall operate the quarry in accordance with the condition stipulated in the environmental clearance and mining plan submitted by him.
15. The lessee shall obtain all other statutory licences/clearances/No Objection Certificates from other authorities concerned including Explosive licence, consent from Pollution Control Board and D & O licence from the Local Self Government Department concerned.
16. The quarrying lease will become invalid if the lessee fails to renew the Environmental Clearance after 30.9.2019.
17. The lessee shall produce a financial guarantee of Rs. 1,95,000/- (One lakh ninety five thousand only) as stipulated in rule 62 of the KMMC Rules, 2015 before execution of lease deed.
18. The lessee shall pay ten percent of the amount of royalty/consolidated royalty, as the case may be paid by him, being the quarry safety fund in addition to the royalty/consolidated royalty, as per rule 63 of the KMMC Rules, 2015.

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

Sd/-

D.P.SREEKUMAR
DIRECTOR OF MINING & GEOLOGY

To: ✓ Sri T. Mathew Abraham, Proprietor, M/s. Southern Rock & Aggregate Mining Company,
Vallamkulam P.O., Thiruvalla, Pathanamthitta, Kerala 689541

Copy to:

1. The Deputy Director General, Directorate General of Mines Safety, Southern Zone, Bangalore- 56 00 29
2. The District Collector, Thrissur
3. The Geologist, District Office Thrissur
4. The Tahsildar, Thalappilly
5. Stock File (2) File Copy

(By Order)

[Signature]
10/03/2015

SENIOR SUPERINTENDENT



PUBLIC NOTICES

PUBLIC NOTICE

This is to inform the General Public that State Level Expert Appraisal Committee (SEIAA) Kerala (Constituted by the Competent Authority) as per prescribed procedure under EIA Notification 2006 accorded **Environmental Clearance** under the provision of Environmental Impact Assessment Notification 2006 & for the Building Stone Quarry project in Survey Nos. 1019/3, 1019/4, 1019/5, 1019/6, 1019/7, 1021/8, 1021/9, 1027/P, 1028/P, 1029/P & 1030/P at Painkulam Village, Panjal Panchayath, Thalappilly Taluk, Thrissur District, Kerala State of **M/s. Southern Rock & Aggregate Mining Company** Vide No. 285/SEIAA/KL/1362/2014 dt. 5-12-2014. The copy of Environmental Clearance is available with the Department of Environment and Climate change, Government of Kerala and may also be seen on the website of the authority at www.seiaakerala.org

നോട്ടീസ്

പൊതുജനശ്രദ്ധയ്ക്കായി, കേരള സംസ്ഥാനം തുരുർ ജില്ല, തലപ്പിള്ളി താലൂക്ക്, പൈങ്കുളം വില്ലേജ് പഞ്ചായത്ത് പഞ്ചായത്തിൽപ്പെട്ട സർവ്വേ നമ്പർ 1019/3, 1019/4, 1019/5, 1019/6, 1019/7, 1021/8, 1021/9, 1027/P, 1028/P, 1029/P & 1030/P ൽ പാറ ഖനനം ചെയ്യുന്നതിനുവേണ്ട പരിസ്ഥിതികാനൂറതി സമേതം റോക്ക് & അഗ്രിഗേറ്റ് മൈനിംഗ് കമ്പനി എന്ന സ്ഥാപനത്തിന് കേരള സംസ്ഥാന പരിസ്ഥിതി ഇംപാക്റ്റ് അസ്സസ്മെന്റ് അതോറിറ്റിയിൽനിന്നും 285/SEIAA/KL/1362/2014 തീയതി 5-12-2014 ഓർഡർ പ്രകാരം ലഭിച്ചിരിക്കുന്നു. ഈ ഓർഡറിന്റെ പകർപ്പ് കേരള സംസ്ഥാന പരിസ്ഥിതി കാലാവസ്ഥ വ്യതിയാനവകുപ്പിൽ ലഭ്യമാണ്. www.seiaakerala.org എന്ന വെബ്സൈറ്റിൽ കൂടിയും പകർപ്പ് കാണാവുന്നതാണ്.

PLATES

PLATE G: 1



PLATE G: 1- Rainwater harvesting pits.

Plate G:3



Plate G: 3-Avenue trees planted along either side of tarred road.

Plate G: 5



Plate G: 5 -Sprinklers installed.

Plate G: 9



Plate G: 9 -Fencing around the boundary area.

Plate G: 15



Plate G: 15-Access Road to the Quarry

Plate G:17



Plate G: 17- Bench Height

Plate G:18



Plate G: 18-Mats are used during vibration studies

Plate G: 22



Plate G: 22-Workers with protective equipments

Plate G: 23



Plate G: 23-Garland drains.

Plate G: 24



Plate G: 24- Covered trucks.

Plate G: 25



Plate G: 25-Plantaion done.

Plate G: 38

SOUTHERN ROCK & AGGREGATE MINING COMPANY Painkulam P.O, Cheruthuruthy, Thiruvananthapuram District email : southernrocks999@gmail.com Ph: 04884 261563				
S. No	License	Number	Issue Date	Validity
1.	Environmental Clearance	No.201/2014/ML/1342/2014	4/3/2014	20 Years
2.	Mining Lease Area (2.8 Hectare)	No.832/2014-15/1794/MS/2015	3/7/2015	12 Years
3.	S/T	TDWGP/1245/L25	7/1/2017	
4.	Pollution Control Board			
	i. Quarry	No.PCB/DO/TSR/BA/KC/864/2017	6/6/2017	7 years
	ii. Crusher	No.PCB/DO/TSR/BA/KC/864/2018	6/12/2018	7 years
5.	Explosive License	No.E/SC/KC/12/847/940140	1/28/2015	3 Years
6.	Permit to Work License	CS-C3/846/2019/2019-20-11a	4/9/2019	1 Year
7.	Royalty Compounded	No.2658/MS/2019	3/22/2019	Every Year
8.	Block Manager	PM/KC/1484/MS/2019		

Plate G: 38-Environmental Clearance display board