



COMPLINACE REPORT

APRIL- SEPTEMBER 2016

MANJERY BRICKS AND METASLS

MALAPPURAM , KERALA

SP PALARIVATTAM <682025>
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M/S MANJERI P

MANJERI BRICKS & METALS PVT. LTD.

MANJERI BRICKS AND METALS PVT. LTD.
VETTAKKODE
MANJERI - 676122. MALAPPURAM DT.

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Dt. 29-07-2017
Date

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

Ref :- File No. 537/ SEIAA/EC1/3880/2015

Subj :- Environment Clearance - Quarry project at Anakayam Village &
Panchayat and Survey No. 244 at Manjeri Village of Manjeri Municipality, Ernadu
Taluk, Malappuram District, Kerala - Compliance Report - first half - Reg.

Respected Sir,

The Quarry (Building stone) project was accorded Environmental Clearance for 2.8549
ha by order No. 537/SEIAA/EC1/3880/2015, dated 11-02-2016 by State
Environmental Impact Assessment Authority, Kerala. The compliance report of first
half (April 2016 to September 2016) to the specific and general conditions of the
Environment Clearance order is enclosed

Thanking you
Yours respectfully,

Mr. Abdul azees 2/1

Encl - As Above

Copy to : The Chairman & The Member Secretary
State Environment Impact Assessment Authority (SEIAA)
'Devi Kripa', Pallimukku,
Pettah P.O., Thiruvananthapuram,
Kerala - 695 024



COMPLIANCE REPORT

TO

THE CONDITIONS

OF

ENVIRONMENTAL CLEARANCE ORDER

NO: 537/ SEIAA/EC1/3880/2015

DATED 11.02.2016

BY

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)

FOR

BUILDING STONE QUARRY

(MINOR MINERAL MINING) PROJECT

AT

**SURVEY NO. 276/2, 281/2, Block 45 of Anakayam Village & Panchayat and Survey No. 244 at
Manjeri Village of Manjeri Municipality, Ernadu Taluk, Malappuram District, Kerala**

BY

M/s Manjeri Bricks & Metals Pvt. Ltd.,

Malappuram District, Kerala.

(April – September 2016)

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INTRODUCTION

Quarry project of M/s Manjeri Bricks & Metals Pvt. Ltd., is situated at survey Nos. 276/2, 281/2, Block 45 of Anakayam Village & Panchayat and Survey No. 244 at Manjeri Village of Manjeri Municipality, Ernadu Taluk, Malappuram District, Kerala. The quarry project was accorded with the environmental clearance (EC) by state environmental impact assessment authority on 11-02-2016.

The half yearly compliance report needs to be submitted as part of general condition No.37 of Environmental Clearance order by the project proponent. The compliance report to the specific conditions and general conditions of the Environmental Clearance for the period of April - September, 2016 is being submitted.

SALIENT FEATURES OF THE PROJECT

The project comes under Category B, Activity 1 (a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M No. L-11011/47/2011-IA.II (M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M No. J-13012/12/2013-IA-II (I) dt.24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

Geographical location of the project site is in 11°05'50.78" N to 11°05'42.30" N and 75°07'21.70" E to 76°08'15.00" E. The land use classification as per revenue records is rocky land with private own land. The present land use is rocky land with quarrying activities. The quarry is interlinked with a Crusher unit located within the complex. The exploitation of mineral is being done from 145 m MSL to 95 m MSL. The ultimate depth of the mine workings is estimated to be 110 m MSL. The approximate total water demand is 15 KLD. and total power requirement is 75 kw. The nearest house is located at 104 m south west of the quarry.

BRIEF OF THE PROJECT

Type of Project	Quarry project (building stone)
Name of the project	M/s Manjeri Bricks & Metals Pvt. Ltd.
Category of the project	B2
GPS Locations	11°05'50.78" N to 11°05'42.30" N 76°08'21.70" E to 76°08'15.00" E
Address for correspondence	M/s Manjeri Bricks & Metals Pvt. Ltd. Vettakode, Pullanchery P.O., Manjeri, Malappuram District, Kerala-676122.
Name, Phone Number & e - mail id of responsible persons	
Main Features	
Total area under Environment Clearance	2.8549 hectares
Minable reserves	8,00,000 MT
Production	1,00,000 MTA
Life of Mine	8 years
Highest and lowest elevation	145m MSL to 95 MSL
Crusher unit	Yes, within the project site
Environmental Settings	
Nearest stream	Kadalundipuzha, 1 km, S
Nearest house	104 m, NE
Nearest town	Manjeri 4 km, NW
Nearest worship place	Mosque - Vettakode, 1 km., NW
Nearest hospital	Manjeri 4 km, NW
Seismic zone	Zone-III, Moderate damage risk zone as par BMTPC, Vulnerability atlas Seismic zone of India IS: 1893-2002.

COMPLIANCE REPORT
(GENERAL CONDITIONS)

PART – B – GENERAL CONDITIONS

01	Rain Water Harvesting capacity should be installed as per the prevailing provisions of KMBR / KPBR, unless otherwise specified.	Complied
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Compliance:

To utilize the rain water, Two Rain Water Harvesting (RWH) pond is properly maintaining in the project area. The storm water from all surrounding areas is properly channelized to this pond. It is situated in the lowest level of quarry area. The rain water is used for irrigation purposes, watering of plants, wetting of roads, supply to public and for dust suppression system (mainly sprinklers system). The photograph showing the rain water collection pond in the project area is attached in **Plate No.1**.

02	Environment Monitoring Cell (EMC) as agreed under the affidavit filed by the proponent should be formed and made functional.	Will be Complied
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Compliance:

To monitor and evaluate the works done under the conditions stipulated in the EC order, the project proponent is intending to form an Environmental Monitoring Cell (EMC) with Mr. Noushad M T as head of the monitoring cell. The EMC meeting will be convened regularly for a sustainable environment. The details of the monitoring cell are given below:

TABLE 1 ENVIRONMENTAL MONITORING CELL (EMC)

Sl. No.	Post	Name
1.	Head of the monitoring cell	: NOushad M T
2.	Member	: Abdul Majeed
3.	Member	: Saidhalavi

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

To prevent dust emission during transportation of materials, suitable avenue trees were planted along the road side and parking area. There are natural vegetation including trees, shrubs, herbs and climbers present either side of tarred road and in the parking areas. This will help to reduce air and sound pollution. The copy of bill from nursery is given in Annexure No.1

TABLE 2 Details of the natural vegetation existing along the road side

Sl. No.	Scientific Name	Common Name	Family	Type
1	<i>Ficus racemosa</i>	Athi	Moraceae	Tree
2	<i>Pongamia pinnata</i>	Ungu	Fabaceae	Tree
3	Bambusoideae	Bamboo	Poaceae	Tree
4	<i>Murraya koenigii</i>	Curry tree	Rutaceae	Tree
5	<i>Swietenia mahagoni</i>	Mahagony	Meliaceae	Tree
6	<i>Anacardium occidentale</i>	Kasumavu	Anacardiaceae	Tree
7	<i>Artocarpus heterophyllus</i>	Plavu	Moraceae	Tree
8	<i>Chromolaena odorata</i>	Communist-pacha	Compositae	Shrub
9	<i>Cocos nucifera</i>	Thengu / Coconut	Arecaceae	Tree
10	<i>Mangifera indica</i>	Mavu	Anacardiaceae	Tree
11	<i>Pennisetum</i>	Oriental fountain grass	Poaceae	Herb

	<i>orientale</i>			
12	<i>Tabernaemontana alternifolia</i>	Kunnanpala	Apocynaceae	Tree
13	<i>Tectona grandis</i>	Thekku	Verbenaceae	Tree
14	<i>Ziziphus oenopolia</i>	Thodalli	Rhamnaceae	Climber

04	Maximum possible solar energy generation and utilization shall be ensures as an essential part of the project.	Will be Complied
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Compliance:

The project is intending to use maximum renewable energy to reduce electrical consumption from KSEB. As part of this, the project proponent has planned to use solar for energy generation in the project site.

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

To prevent dust emission, sprinklers are installed in the project site. This help to suppress dust during the time summer season. The sprinklers installed in and around the crusher unit. The photographs showing the effective utilization of sprinklers in the project area is provided in **Plate No.2**.

06	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	Being complied
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Compliance:

The eco restoration plan prepared by the project will be executed in a good manner. The project started to plant various saplings in and around the project site. The list of tree/shrub/herb saplings planted in the project site is given below. The mine closure plan will be done at the own cost of project proponent as agreed in the proposal.

TABLE 3 Details of the saplings planted within the project area

Sl. No.	Scientific Name	Common Name	Family	Habitat
1	Bambusoideae	Bamboo	Poaceae	Tree
2	Murraya koenigii	Curry tree	Rutaceae	Tree
3	Terminalia arjuna	Maruthu	Combretaceae	Tree
4	Phyllanthus emblica	Nelli	Phyllanthaceae	Tree
5	Xylia xylocarpa	Erul	Fabaceae	Tree
6	<i>Artocarpus heterophyllus</i>	Plavu	Moraceae	Tree
7	<i>Capsicum frutescens</i>	Kantharimulaku	Solanaceae	Herb
8	<i>Carica papaya</i>	Papaya	Caricaceae	Tree
9	<i>Coccos nucifera</i>	Thengu	Arecaceae	Tree
10	<i>Curcuma longa</i>	Manjal	Zingiberaceae	Herb
11	<i>Mangifera indica</i>	Mavu	Anacardiaceae	Tree
12	<i>Musa paradisiaca</i>	Vazha	Musaceae	Herb
13	<i>Swietenia mahagoni</i>	Mahagony	Meliaceae	Tree
14	<i>Tectona grandis</i>	Thekku	Verbenaceae	Tree

07	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with indigenous plant species that are eco-friendly.	Will be complied
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Compliance:

To save rain water, ten percent of the excavated pit area will be retained as water storage area. This will help to improve the ground water table. It is proposed to develop a green belt in the remaining area with indigenous plant species after reclamation of the mined area with stacked top soil and overburden.

08	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented	Being complied
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Compliance:

The activities under Corporate Social Responsibility (CSR) activities are executed in the sector of Health and sports. The project proponent is intending to carry out more activities under CSR for inclusive growth in the community. The receipt of donation is given in **Annexure No. 2**. The details of are given below in the table.

Table No. 4 The details of performed activities under C S R

Sectors	Activities	Partners	Beneficiary	Amount spent in Rs.
Health	Donation	Pariraksha	Patients	5,000
	Donation	Relif Center	Patinets	5,000
	Donation	ISM Medical aid Center	Patinets	1,000
	Donation	Paliative Care association	Patients	2,000
	Donation		Sunil kumar	1,000
Sports	Donation	Samasthakerala	Youth	2,000
Infrastructure Development	Madrassa Construction		Students	6,000
	Masjid construction	Parattukundu	Community people	2,500
	Donation	SFC Club	Community	1,000
	Donation	Priyadarsani charitable trust		1,000

	Construction of a house		A family	55,50
Education	Donation	Badal school	Students	2,000
	Donation	Al abbar educational Center	Students	1,000
Culture and cohesion	Donation	Jumma Ath Palli	Community people	4,000
	Doantion	Gramolsav	Public	2,000
	Various Dnations			5,550
	Onam and Bakrid donation		Public	28,500
Marriage	Donation for marriage	12 marriage	Bride groom	48,500
TOTAL				1,18,050

09	The lease are shall be fenced off with barbed wires to a minimum height of 4ft around, before starting of mine.	Complied
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Compliance:

To ensure safety of all, the project has erected barbed metal wire fencing around the mining area with height of 5 ft. This will help to prevent falling of animals/human being/dumping of garbage etc, The photograph of barbed metal wire fencing is provided in **Plate No.3**.

10	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.	Complied
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Compliance:

To give warning to the labours and community people prior to the blasting in quarry, the project installed warning alarms as per the stipulation of Explosive department in the quarry site. This is properly working prior to the blasting time. The time of blasting in

the quarry is between 10.00 am to 4.00 pm on all working days. The photograph of alarm is given in **Plate No.4.**

11	Control measures on noise and vibration prescribed by KSPCB should be implemented.	Being complied
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Compliance:

To reduce noise level in the project site, the project proponent has implemented mitigate masseurs. The major noise generating sources from the mining activity is working machineries, drilling, blasting and plying of vehicles. The following control measures are undertaken to bringing down the noise levels:-

- Proper maintenance of machinery and equipments
- The machineries like breaker and excavator has well sound proof cabin so that the machine operators can work without stress due to the sound.
- Personal protective devices i.e., earmuffs, ear plugs etc. are provided to workers working in high noise areas.
- The mining activity held in day time only.

Blast vibrations and control measures

- ❖ Controlled blasting technique is adopted in this project in order to reduce blast vibrations.
- ❖ The maximum charge per delay is not more than 10kg to limit the PPV values to 10mm/sec.
- ❖ Optimum delay sequence and stem to column ratio is maintaining to minimize the ground vibration intensity.

12	Quarrying activities should be limited to day time as per KSPCB guidelines.	Complied
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Compliance:

Quarrying activities are limited to day time only as per KSPCB guidelines. The quarry working time is 8 am to 5.00 pm. This will help to limit the sound pollution.

13	Blasting should be done in a controlled manner as specified by the regulations of explosives department or any other concerned agency.	Complied
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Compliance:

To reduce ground vibration, the blasting is done in controlled manner by using ordinary delayed detonators. All blasting activities are carrying out with the stipulated guidelines of explosive department and other concerned agency.

14	A licensed person should supervise/control the blasting operations.	complied
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Compliance:

The project has appointed a Licensed person for supervise/control the blasting operations for the extraction of granite building stones.

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

To reduce emission of dust through the vehicle movement, the proponent is maintaining the access road in a good manner. The project is spraying water on the road to arrest the dust during summer season. The photograph of tarred road is provided in **Plate No.5**. The project proponent is intending maintain access road to the quarry in good condition for dust emission and easiness of transportation.

16	Overburden materials should be managed within the site and the old quarries, if any, should be restored.	Being complied
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Compliance:

There is no old quarry in the site for restoration. The overburden materials are stored within the site. This will be used to restore the exploited area in future.

17	Height of the benches should not exceed 5m and width should not be less than 5m.	Being complied
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Compliance:

To enhance safety and to make environment friendly quarrying, the excavation activity in the project is progressing by creating benches of 5m width x 5m height. Plate No. 6 showing the same.

18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	Noted
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Compliance:

The project is yet to use mats during the time of blasting. The project is using ordinary delayed detonator for blasting therefore there is no issue with fly rock in the community and the project is also assure the maximum PPV is under 10.

19	Maximum depth of mining from general ground level at site shall not exceed 10m.	Will be complied
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Compliance:

The depth of mining won't exceed beyond 10 meter or not below the level of the nearest stream bed, whichever is less. The exploration will be done as per the plan submitted before State Environment Impact Assessment Authority (SEIAA), Kerala.

20	No mining operations should be carried out at places having a slope greater than 45°.	Will be complied
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Compliance:

In the project site, there is no mining operation is carried out with a slope greater than 45°.

21	Acoustic enclosures should be 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.	Being complied
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Compliance:

To reduce sound amplification, the machines of crusher unit is housed with solid bricks. A green belt is also developed around the unit to reduce noise and air pollution. This helps the noise and sound level is kept within the prescribed standards. The labours in the unit are wearing ear plugs to reduce the impact of noise generating from the machines. The project proponent is maintained all machineries in a good manner. The photograph of the crusher is provided in **Plate No.7**.

22	The workers on the site should be provided with the required protective equipments such as ear muffs, helmet, etc	Complied
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Compliance:

To ensure the safety of workers in working site, the project provided adequate Personnel Protective Equipments (PPE) such as helmets, ear muffs, safety belts, gloves, etc. The photograph of the workers with PPE is given in the **Plate No. 8**. The bill purchased for Personal Protective Equipments is provided in **Annexure No. 3**

23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Being complied
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Compliance:

The project has constructed storm water drains in the lower slopes of the project area for effective management of storm water. This helps to channelize the storm water to the rain water collection pond and the most of the debris will be settled down in the bottom of the pond. The clarifiers will be installed soon.

24	The transportation of minerals should be done in covered trucks to contain dust emissions.	Complied
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Compliance:

To avoid dust emission while transportation of materials, the project assures the trucks are covered before it leaving the project site.

25	The proponent should plant trees at least 5 times of the loss that has occurred while clearing the land for the project.	Will be complied
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Compliance:

The project planted various saplings in the project area as a compensation of loss of trees while the project is clearing the land for mining. The photograph of planted trees is given in **Plate No.9**. The list of tree saplings planted in the project site as part of eco-restoration is provided in **Table No 3**.

26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Being complied
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Compliance:

The project proponent is using the used oil as lubricant for machineries and other equipments. The spend oil will be sold only to the recyclers.

27	Explosives should be stored in magazines in isolated place specified and approved by the explosives department.	complied
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Compliance:

As per the stipulation of competent authority, the project has been stored the explosives in magazine. The magazine is situated in an isolated place specified and approved by the explosives department. The photograph of the magazine is provided in **Plate No.10.**

28	A minimum buffer distance of hundred meters from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided.	Complied
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Compliance:

To reduce the adverse impact on community life, the norms of Kerala State Pollution Control Board regarding the distance criteria of residences, roads, rivers and worship places is adhered by the project. The distance of the nearest house is above 104 meter form the quarry, the KSPCB condition is 100 meter.

29	100 m buffer distance should be maintained from forest boundaries.	Complied
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Compliance:

There is no forest area near to the project site. The nearest forest is 6 km away from the project site.

30	Consent from Kerala Pollution Control Board under water and Air act(s) should have been obtained before initiating activity.	Complied
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Compliance:

The Project has obtained "*Consent to Operate*" (Renewal) from Kerala State Pollution Control Board. The copy of consent is provided in **Annexure** .

31	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.	Complied
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Compliance:

The certificates obtained from other concerned statutory authorities are enclosed in Annexure No.7, 8, 9, 10 &11.

TABLE 5 – APPROVALS FROM COMPETENT AUTHORITIES

Name of the Statutory approval	Name of the Statutory authority	Approval Number & Date
Environmental Clearance order	State Environmental Impact Assessment Authority, Kerala	539/SEIAA/EC4/3882/2014 Dated 15-12-2015
" <i>Consent to Operate</i> " (Renewal)	Kerala State Pollution Control Board	PCB/KKD/DO/2296/2012 25-05-2015
Explosive License	Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)	E/SC/KL/22/1620(E71339) Dated 12-06-2015
License for quarry operations	Municipality	A5-02/16-17 dated 01-04-2016
Permit order	Directorate of Mining and Geology	12/2016- 17/GS/CRPS/DOZ/M,1021/16 Dated 29-06-2016

32	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority	Will be complied
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Compliance:

There is no change in the scope of the project. At present the project is running as per plan submitted in Environmental Impact Assessment Authority, Govt. of India. The project will seek for a new Environmental clearance In the case of any change(s) in the scope of the project.

33	The Authority reserves the right to add additional safe guard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted
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Compliance:

If the authority instructs to add additional safeguard measures subsequently, the project will be complied with.

34	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981, The Environment (Protection) Act, 1986, the public liability (Insurance) Act, 1991 and EIA notification, 2006.	Being complied
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Compliance:

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

1. **The Environment Protection Act,1986**
2. **Water (Prevention and Control of Pollution) Act, 1974**
3. **The Air (Prevention and Control of Pollution) Act, 1981**
4. **The Public Liability (Insurance) Act,1991**
5. **Municipal Solid Waste (Management and Handling) Act,2000**
6. **Hazardous and Other Wastes (Management and handling) Rules, 1989.**
7. **EIA notification, 2006**

35	<p>The project proponent should advertise in at least two local news papers widely circulated in the region, one which (both 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 www.seiaakerala.org. <u>The advertisement should be made within 10 days from the date of receipt of the Clearance letter and the copy of the same signed in all pages should be forwarded to the office of this authority as confirmation.</u></p>	Complied
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Compliance:

An advertisement in two local newspapers regarding Environmental Clearance accorded to the quarry project was given within the stipulated period and the copy of the same was submitted at SEIAA Kerala.

Table No. 6 Details of advertisement in news paper

Sl. No	News paper	Language	Date of edition
01	The New Indian express	English	01-03-2016
02	Malayala Manorama	Malayalam	01-03-2016

36	A copy of the clearance letter shall be sent by the proponent to concerned Grama/District Panchayath / 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.	Complied
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Compliance:

A copy of the Environment Clearance letter was submitted to the Panchayat Office. The project proponent did not receive any suggestions / representation from anywhere while the processing the proposal therefore does not give the copy of clearance latter to anyone. The project does not have a website and it will create a company website soon.

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

The compliance report is being submitted to the Directorate of Environment and Climate Change, Govt. of Kerala and also to the Regional Office of MoEF&CC, Govt. of India both in hard copy as well as mail. The result of monitored data will be sent soon.

38	The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3ft with green background and yellow letters of Times New Roman font of size of not less than 40. Sign board with extant of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.	complied
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Compliance:

The details of the Environmental Clearance will prominently displayed with the specific conditions as per specifications mentioned in the condition. The photograph of the board is provided in **Plate No. 11**.

39	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.	Complied
----	---	----------

Compliance:

An assurance in the form of affidavit was already submitted to SEIAA Kerala.

40	The above conditions shall prevail notwithstanding anything to the contrary; in consistent, or simplified, contained any other permit, license on consent given by any other authority for the same project.	Noted
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PLATES

(Photographs of project)

Plate No. 1



Rain water harvesting pond

Plate No. 2



Sprinklers

Plate No.3



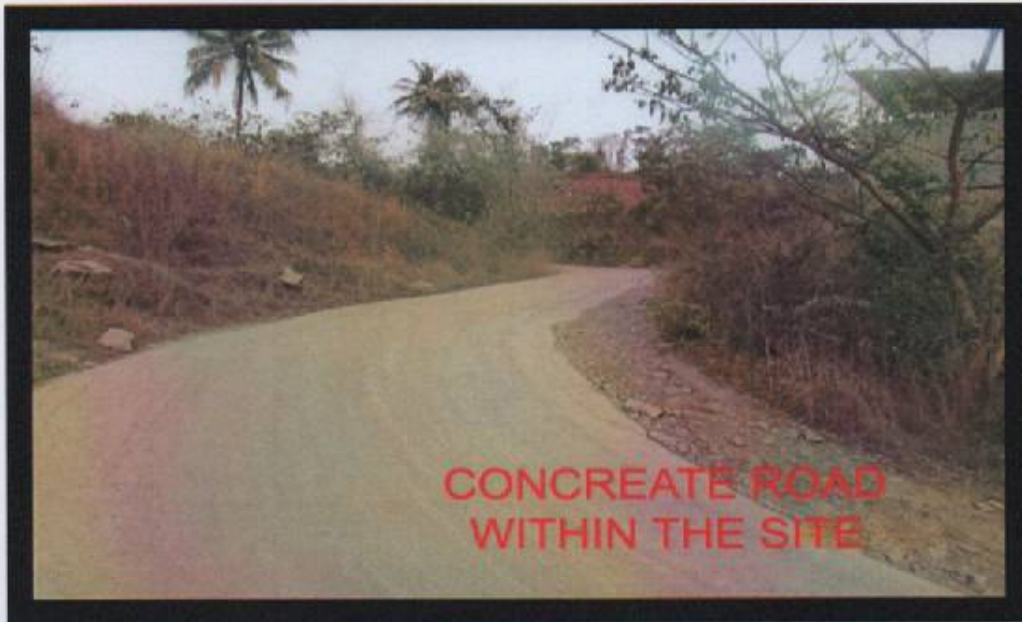
Fencing

Plate No.4



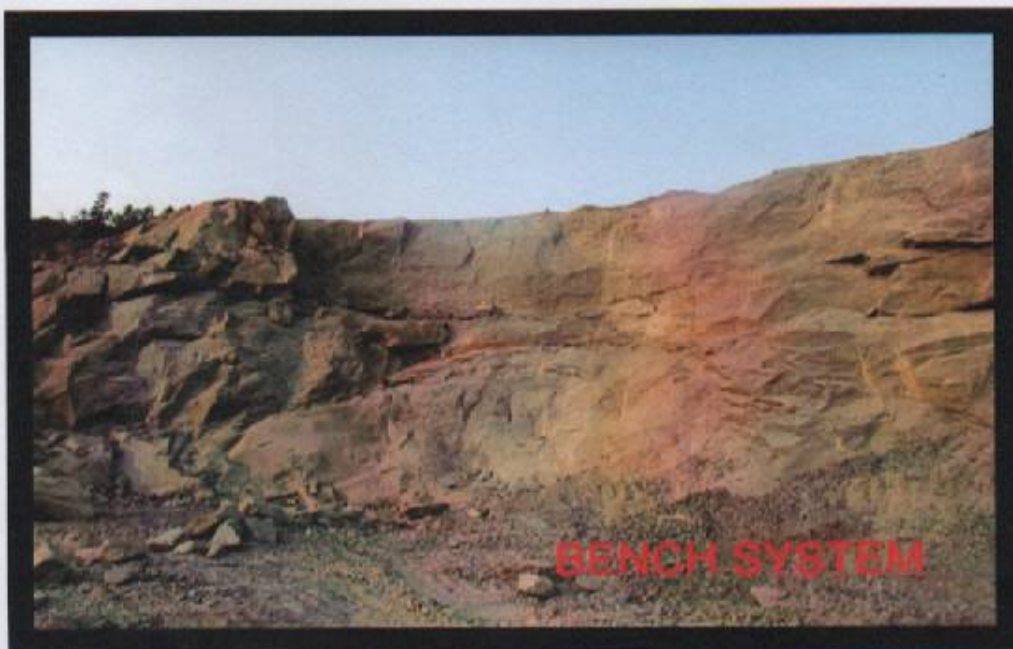
Warning Alarm

Plate No.5



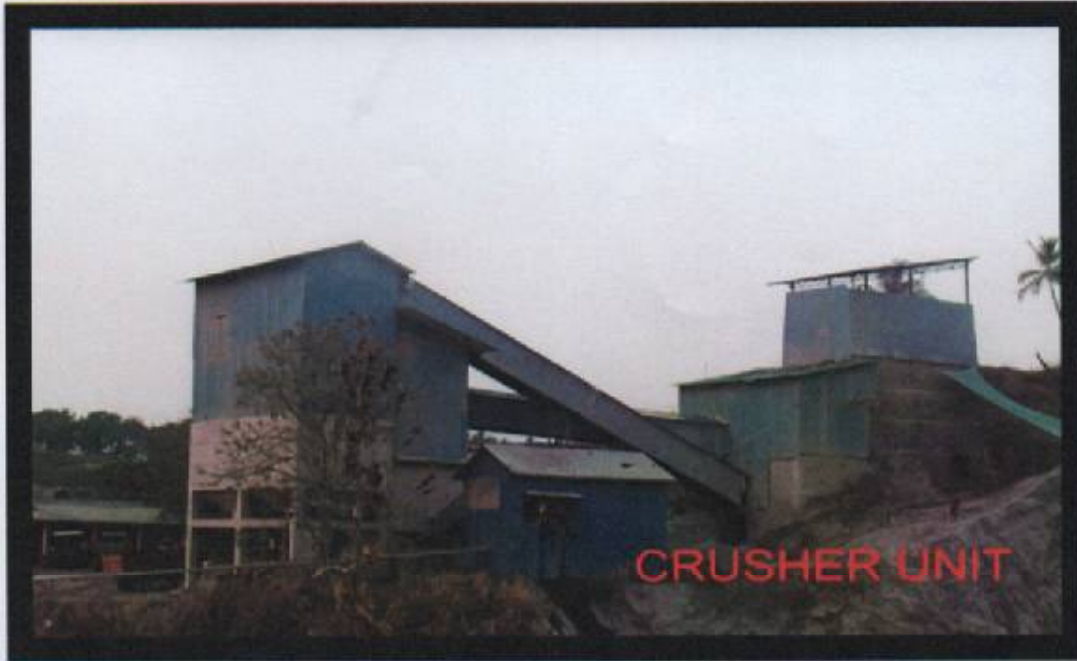
Access Road

Plate No.6



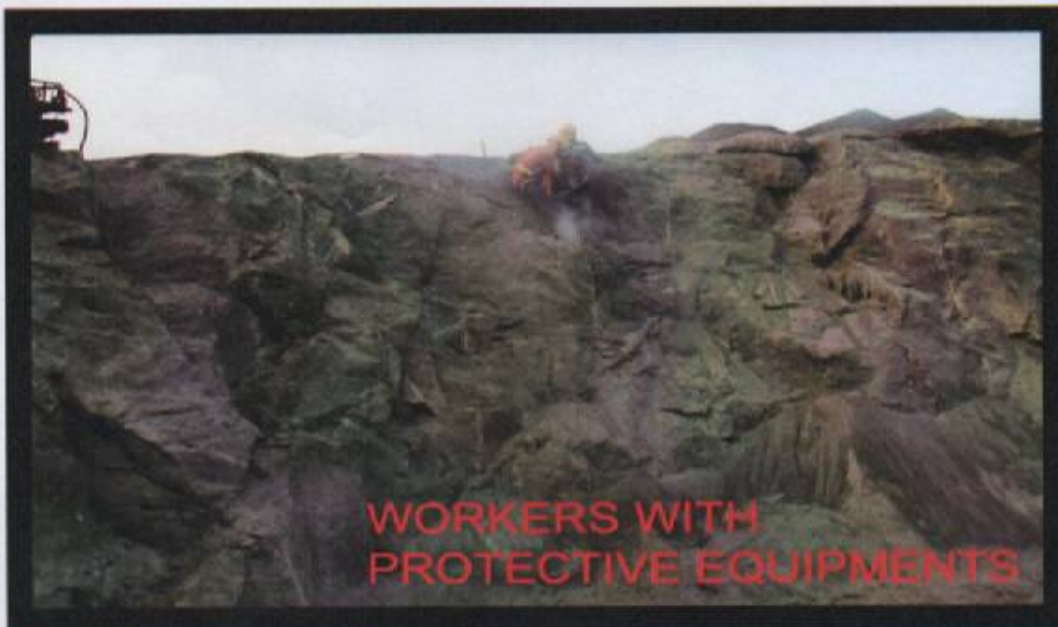
Bench System in Quarry

Plate No.7



Crusher Unit

Plate No.8



Personal Protective Equipments

Plate No.9



Sapling in the site

Plate No.10



Magazine

Plate No.11



Board

ANNEXURE

(Documents of the project)

Annexure No. 1

QUATATION

No. **9**
 To whom issued..... **MBM (C&A)**
 Vehicle No..... Date **18.9.16** Time.....

Particulars	Qty	Rate	Amount
ഒമ്പലം വീഴ്	25	30	750
അമ്പലം വീഴ്	20	25	500
അമ്പലം വീഴ്	15	30	450
അമ്പലം വീഴ്	50	10	500
ഒമ്പലം	50	15	750
അമ്പലം	10	100	1000
അമ്പലം	10	10	100
(4050)			4050
TOTAL			

Thanks Signature

Bill of Plants purchased

Annexure No. 2

<p>Handwritten receipt for 5000/- donation to JMAMC & MF. Includes details like '300' and '24.06.2016'.</p>	<p>MANJERY BLUE METAL Regd. Off: 5/596AB Amayoor Post, Manjeri Malappuram Dist. Pin: 676123 PH: 0483-2796031</p> <p>No. _____ Date: 10/09/16</p> <table border="1"> <thead> <tr> <th colspan="2">Donate Voucher</th> </tr> <tr> <th>Particulars</th> <th>Donate Amount</th> </tr> </thead> <tbody> <tr> <td>Cham & Bakaid Donation</td> <td>28500</td> </tr> <tr> <td></td> <td>28500</td> </tr> </tbody> </table> <p>Rupees: twenty eight thousand five hundred</p> <p>Name & Signature of Beneficiary: _____ Prepared By: _____ Manager: _____</p>	Donate Voucher		Particulars	Donate Amount	Cham & Bakaid Donation	28500		28500
Donate Voucher									
Particulars	Donate Amount								
Cham & Bakaid Donation	28500								
	28500								
<p>MANJERY BLUE METAL Regd. Off: 5/596AB Amayoor Post, Manjeri Malappuram Dist. Pin: 676123 PH: 0483-2796031</p> <p>No. _____ Date: 11/1/16</p> <table border="1"> <thead> <tr> <th colspan="2">Donate Voucher</th> </tr> <tr> <th>Particulars</th> <th>Donate Amount</th> </tr> </thead> <tbody> <tr> <td>Build House Donation</td> <td>5550</td> </tr> <tr> <td></td> <td>5550/-</td> </tr> </tbody> </table> <p>Rupees: Five thousand five hundred fifty</p> <p>Name & Signature of Beneficiary: _____ Prepared By: _____ Manager: _____</p>	Donate Voucher		Particulars	Donate Amount	Build House Donation	5550		5550/-	<p>കൃഷിക്കാരുടെ ഗ്രാമപഞ്ചായത്ത് പരിരക്ഷ കൂട്ടുംബന്ധനായ നിധി</p> <p>No. 31 Date: 21/1/16 രജി.നമ്പർ: MPM/CA/1372/2014 ശ്രീ. Manjeri Blue metal</p> <p>പക്കൽനിന്ന് പരിരക്ഷ കൂട്ടുംബന്ധനായ നിധിയിലേക്ക് രൂപ നന്നിപ്പുരൂപം കൈപ്പറ്റിയിരിക്കുന്നു</p> <p>₹ 5000/- പെയർമാൻ ജനറൽ മാനേജർ</p>
Donate Voucher									
Particulars	Donate Amount								
Build House Donation	5550								
	5550/-								
<p>നവോദയഗ്രന്ഥാലയം & വായനശാല, തൃമയൂർ വാർഷികാഘോഷം ഗ്രന്ഥോത്സവം - 2016 2016 മെയ് 7 ശനി</p> <p>നമ്പർ _____ പേര്: Manjeri Blue Metal, Amayoor സംഖ്യ: Five thousand only</p> <p>₹ 2000/-</p>	<p>MANJERY BLUE METAL Regd. Off: 5/596AB Amayoor Post, Manjeri Malappuram Dist. Pin: 676123 PH: 0483-2796031</p> <p>No. _____ Date: 30/12/15</p> <table border="1"> <thead> <tr> <th colspan="2">Donate Voucher</th> </tr> <tr> <th>Particulars</th> <th>Donate Amount</th> </tr> </thead> <tbody> <tr> <td>marriage</td> <td>9500/-</td> </tr> <tr> <td></td> <td>9500/-</td> </tr> </tbody> </table> <p>Rupees: Nine thousand five hundred</p> <p>Name & Signature of Beneficiary: _____ Prepared By: _____ Manager: _____</p>	Donate Voucher		Particulars	Donate Amount	marriage	9500/-		9500/-
Donate Voucher									
Particulars	Donate Amount								
marriage	9500/-								
	9500/-								

The receipts of social responsible activities

Annexure No.3

Tin No. 32110989524
CST : 110 9 C 008952

CHALAKAM ENTERPRISES
Near Police Station, MUKKAM
THE KERALA VALUE ADDED TAX RULES - 2003

Form No. 8B
[See rule 58 (10)]
RETAIL INVOICE
CASH / CREDIT

Ph 0495 - 2297422

Invoice No. 1535 Date 11/11/16

Name & Address of Purchaser: Mrs MANJERY BRICKS & METALS PVT LTD

Telephone No. _____ Mob. _____


Sl. No	Schedule with entry no. Commodity/Item	Commodity Item	Rate of Tax	Unit Price	Qty	Gross Value	Cash Discount	Net Value	Tax Amount	Grand Total (9+10)
1	2	3	4	5	6	7	8	9	10	11
		Safety Belts	14.5	742/25	4	2969		2969	431	3400
		Safety Helmet	14.5	77/12	8	629		629	91	720
		Mask	14.5	10/18	50	524		524	76	600
		Safety shoe	14.5	342/25	4	1397		1397	203	1600
		Working Dress	14.5	742/25	4	2969		2969	431	3400
E & OE		TOTAL						8988	1232	9720

Grand Total in words: Nine Thousand Seven Hundred Twenty Authorized Signatory (With Stamp & Seal)

Bill of PPE

Annexure No.4

FILE NO : PCB/RO/MLPM/IC/108/2016
Date of issue : 23/04/2016



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO

OPERATE/AUTHORISATION/REGISTRATION

ISSUED UNDER

The Water (Prevention & Control of Pollution) Act, 1974
The Air (Prevention & Control of Pollution) Act, 1981

and

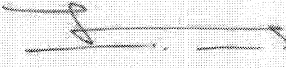

The Environment (Protection) Act, 1986

As per Application No. :2803179
Dated:31-03-2016

TO

M/s MANJERI BRICKS AND METALS
VETTAKODE
PULLANCHERY PO
MANJERI
MALAPPURAM- 676122
676122

Consent No. :PCB/RO/MLPM/ICO/ 03 /2016
Valid Upto :31/03/2019



Consent form PCB

Annexure No.5

Validity expires on 10-02-2021



**Proceedings of the State Environment Impact Assessment
Authority Kerala**

*Present : Prof. (Dr.) K.P. Joy, Chairman; Dr. J. Subhashini, Member and Sri. P. Mara Pandiyan,
I.A.S., Member Secretary.*

Sub: SEIAA- Environmental Clearance for the proposed building stone quarry project in Survey Nos. 276/2, 281/2 B/No. 45 at Anakayam Village, Anakayam Panchayath and Sy. No. 244 at Manjeri Village, Manjeri Municipality, Eranadu Taluk., Malappuram District by Sri. Abdul Azeez, Managing Director, M/s. Manjeri Bricks and Metals Pvt. Ltd., Vettakode, Pullancherry P.O., Manjeri, Malappuram-676122-Granted-Orders issued.

STATE ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY
No. 537/SEIAA/EC1/3880/2015 *dated, Thiruvananthapuram 11-02-2016*

- Read:**
1. Application dated 31.07.2014 submitted by Sri. Abdul Azeez, Managing Director, Manjeri Bricks and Metals Pvt. Ltd., Vettakode, Pullancherry P.O., Manjeri, Malappuram-676122
 2. Minutes of the 45th meeting of SEAC held on 11/12-09-2015.
 3. Minutes of the 49th meeting of SEAC held on 07/08-12-2015.
 4. Minutes of the 48th meeting of SEIAA held on 23-01-2016.

Environmental Clearance No. 20/2016

Sri. Abdul Azeez, Managing Director, Manjeri Bricks and Metals Pvt. Ltd., Vettakode, Pullancherry P.O., Manjeri, Malappuram (D) vide his application received on 13/08/2014 has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. No. 276/2, 281/2 B/No. 45 at Anakayam Village, Anakayam Panchayath and Sy. No. 244 at Manjeri Village, Manjeri Municipality, Eranadu Taluk, Malappuram District, Kerala for an area of 2.8549 hectares. The project comes under Category B, Activity 1(a), (f) as per the Schedule of EIA Notification 2006 (since it is below 50hectares) and as per O.M. No. L-11011/47/2011-IA.II (M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dt. 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares. Other details of the proposal are as follows:



Page 1 of 8

Copy of EC Order

Annexure No.6

अनुज्ञप्ति प्रारूप एन.ई.-3 | LICENCE FORM LE-3
 विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।
 (See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)
 अनुज्ञप्ति के लिए एक समय पर वर्ग 1,2,3,4,5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक रखें।
 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/22/1415(E57027)
 वार्षिक फीस (Annual Fee Rs): 2400/-

1. Licence is hereby granted to
 Shri N.P.Abdul Azeez, Managing Director (अधिष्ठापक / Occupier : Shri N.P.Abdul Azeez), Manjeri Bricks and Metals Pvt Ltd, Anakkayam P.O.,
 Town/Village - Manjeri, District-MALAPPURAM, State-Kerala, Pincode - 576122

को अनुज्ञप्ति अनुदत्त की जाती है।
 2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : Company

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमन्व्य 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 विधिमन्व्य है।
 Licence is valid for the following kinds and quantity of explosives: -- (क) (a)

Sr. No	Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में Quantity at any one time
1	Nitrate Mixture	2, 0	0	100 Kg
2	Safety Fuse	6, 1	0	1500 Mtrs
3	Ordinary Detonator	6, 3	0	2000 Nos
4	Electric Detonators	6, 3	0	2800 Nos

(ख) किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञप्ति के लिए] 10 times
 (b) Quantity of explosives to be purchased in a calendar month [applicable for licence under article 3(b) and (c)]: as above.

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञप्ति परिसर की पुष्टि होती है।
 The licensed premises shall conform to the following drawing(s): रेखाचित्र क्र. (Drawing No.): E/SC/KL/22/1415(E57027)
 दिनांक (Dated) 18/03/2016

6. अनुज्ञप्ति परिसर निम्नलिखित पते पर स्थित है। The licensed premises are situated at following address:
 Survey No. 281/2, ग्राम (Town/Village) : Anakkayam village, Ernad Taluk, Malappuram District
 जिला (District) MALAPPURAM राज्य (State) Kerala पुलिस थाना (Police Station) : Manjeri
 दूरभाष (Phone) 9745178677 ई. मेल (E-Mail) पिनकोड (Pincode) 9
 फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।
 The licensed premises consist of following facilities. A set of one D type (Sl.No.369) and one E type (Sl.No.522) portable magazines fabricated by M/s Thekkans Engg and Fabrication Works, Ernakulam, Kerala.

8. अनुज्ञप्ति समय - समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपबंधों 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, 2004 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 संशोधित इस अनुज्ञप्ति की शर्तों और अतिरिक्त शर्तों।
 Conditions and Additional Conditions of this licence signed by the licensing authority.
 3. दूरी प्रारूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञप्ति तारीख 31 मार्च 2016 तक विधिमन्व्य 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 अधिग्रहण करने या यदि अनुज्ञप्ति परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहत की जा सकती है, जहां वह लागू हो।
 This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

तारीख | The Date - 17/04/2012 संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of Explosives
 South Circle, Chennai
 कृपया उप मुख्य विस्फोटक नियंत्रक
 For Deputy Chief Controller of Explosives
 एरनाकुलम Ernakulam

Amendments :
 • Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 18/03/2016
 Transfers :
 • Change in Licensee Name/Address/Status dated : 11/02/2015


नवीनीकरण के पृष्ठोत्तर 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
03/02/2016	31/03/2021	Sd/- Jt. Chief Controller of Explosives, South Circle, Chennai

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

Explosive license

Annexure No.7



മഞ്ചേരി നഗരസഭ

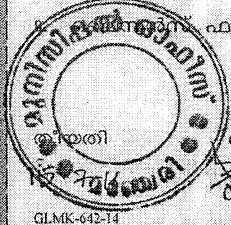
1994 ലെ കേരള മുനിസിപ്പാലിറ്റി ആക്ട് (1994 20-ാം ആക്ട്)
444/453/456/469/447 വകുപ്പ് അനുസരിച്ചുള്ള

ലൈസൻസ്

No 936

- ലൈസൻസ് നമ്പർ Zone/72 വർഷം 2016 -2017 ഫയൽ നമ്പർ 12346/16
- ലൈസൻസിയുടെ പേരും മേൽവിലാസവും രാമകൃഷ്ണ അനീൽ. മുൻ. ചി. (മേനോളിൻ ഡയറക്ടർ, മേനോരി ബ്രിക്ക് മെന്ററൻ ബുക്സ് ഓഫീസ്, ചുളയമ്പാലി) ടി. എ. മൂക്കുപുഴ, നാലുപുരക്കൽ (4), ജി.എ.പി.പാലം, മലപ്പുറം.
- അപ്ലിക്കേഷൻ പേര് മൂക്കുപുഴ.
- വാർഡ് നമ്പർ 22 കെട്ടിട നമ്പർ നഗർമുഖം - 116/16 (മേനോരി വില്ലേജ്)
- സ്ഥാപനത്തിന്റെ പേര് മേനോരി ബ്രിക്ക് മെന്ററൻ മെന്ററൻ.
- പുതിയതാണെങ്കിൽ തുടങ്ങിയ/ തുടങ്ങുന്ന തീയതി 8-07-2016
- ലൈസൻസ് എന്ത് ആവശ്യത്തിനാണ് അനുവദിച്ചത് കിറ്റിജൻ ക്ലിനിക് നാടന്തൂണ തിന് (നഗർമുഖം 116/16, 1.055 ഓട്ടർ മേനോരി വില്ലേജ്)

ഫീസ് 3000/- ലൈസൻസ് കാലാവധി 2016 - 17



മുനിസിപ്പാലിറ്റി
മഞ്ചേരി
GLMK-642-14

15/7/16

ഹെൽത്ത് ഇൻസ്പെക്ടർ
MUKUNTA
HEALTH INS
MANJERY

15/7/16

സെക്രട്ടറി/ഹെൽത്ത് സൂപ്പർവൈസർ
K.C. MADHAVAN
HEALTH SUPERVISOR
(സെക്രട്ടേറിയം മൂക്കുപുഴ)

License form Municipality

Annexure No.8

No.10242/M3/2015

Directorate of Mining & Geology
Kesavadasapuram, Pattom P.O.
Thiruvananthapuram-4
Tel: 0471-2447429
Fax: 0471-2447429
E-mail: director.dir.dmg@
kerala.gov.in
Web: www.dmg.kerala.gov.in
Dated : 16/08/2016

From The Director of Mining & Geology

To Sri.N.P.Abdul Azeez,
Managing Director,
Manjeri Bricks & Metals Pvt. Ltd
Pullancheri,P.O.Vettakode, Manjeri, Malappuram,676122

Sir,

Sub : Mines and Minerals - Minor Minerals- Granite Building Stone -
Preparation and execution of quarrying lease deed – reg –

Ref : 1. Pro Order No. 321/2016-17/10242/M3/2016 Dated:16/08/2016
2. KMMC Rules 2015
3. Pro-OrderNo.537/SEIAA/EC1/3880/2015 dtd 11/02/2016 of State
Environment Impact Assessment Authority, Kerala, Tvpm.

Please refer to the Proceedings Order cited above where in a quarrying lease for Granite (Building Stone) was granted to Sri.N.P.Abdul Azeez, Managing Director, Manjeri Bricks & Metals Pvt. Ltd Pullancheri,P.O.Vettakode, Manjeri, Malappuram,676122. I request you to prepare three copies of the quarrying lease deed in original in plain paper and two copies of the same in stamped paper worth Rs. 200/- and produce the same before the Geologist, District Office, Malappuram for scrutiny and execution. The date of execution will be entered up by the Geologist at the time of execution. After scrutiny of the quarrying lease deed, the Geologist will inform you the date of execution convenient to him. After execution, as per the request of the Geologist, stamp duty will be fixed by the District Registrar, Malappuram and he will receive the stamp duty and a certificate of remittance of stamp duty will be entered in the lease deed. A chalan for Rs 10,550/- (Rupees ten thousand five hundred and fifty only) being the security deposit is enclosed herewith duly countersigned. Please affix your signature at the appropriate places before remittance of money in the treasury. The original treasury receipted chalan may also be produced along with the typed copies of the lease deed and the draft form 'H' which is enclosed herewith, before the Geologist, District Office, Malappuram at the time of execution.

Please note that the quarrying lease deed has to be executed within a period of six months from the date on which quarrying lease has been granted and got registered in accordance with the Registration Act, 1908 vide Rules 44 of the Kerala Minor Mineral Concession Rules, 2015. Form 'D' is also enclosed herewith for strict compliance and to report thereof.

Yours faithfully
[Signature]
16/08/2016

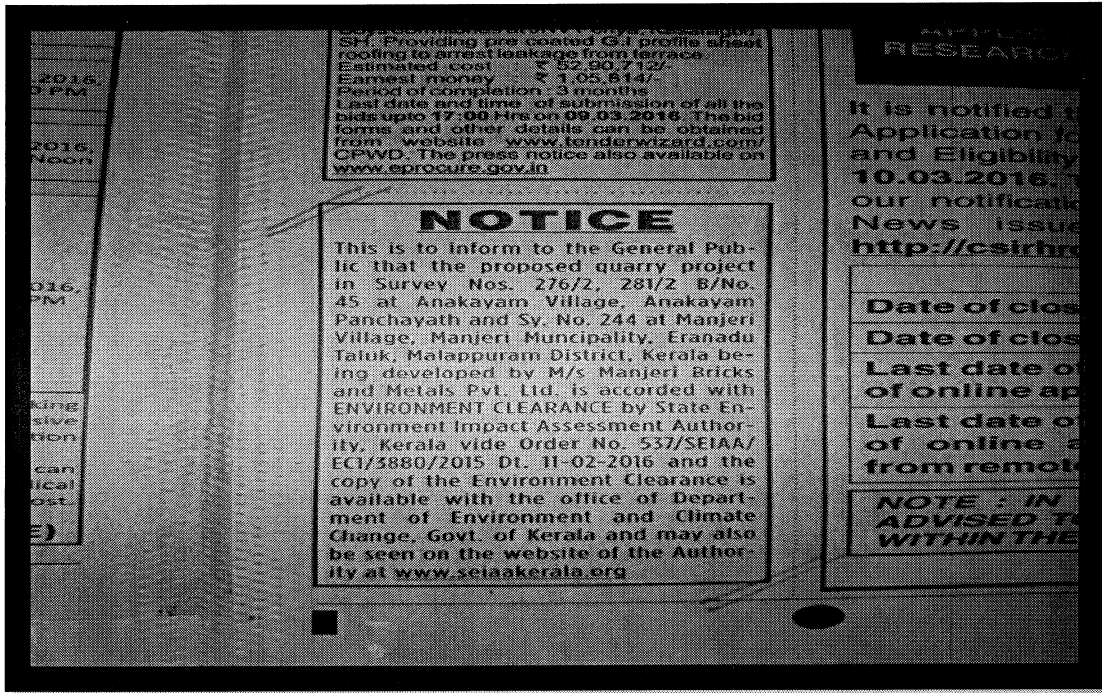
End : as above

DEPARTMENT OF MINING & GEOLOGY
GOVT. OF KERALA

DIRECTOR OF MINING & GEOLOGY (I/c)

Copy of Lease

Annexure No.9



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