



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Kerala)

To,

The PROPRIETOR
 LATERITE BUILDING STONE QUARRY OF MR. RAJAN M.
 RAJAN M., S/O GOVINDAN K, MOOLAKKARAN HOUSE,
 KUNHIMANGALAM P.O, KANNUR -670309

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/KL/MIN/143624/2020 dated 15 May 2020. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC22B001KL133408
2. File No.	1652/EC4/2020/SEIAA
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	1(a) Mining of minerals
6. Name of Project	Laterite Building Stone of Mr. Moolakaran Rajan
7. Name of Company/Organization	LATERITE BUILDING STONE QUARRY OF MR. RAJAN M.
8. Location of Project	Kerala
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 08/06/2022

(e-signed)
 Dr. Venu V IAS
 Member Secretary
 SEIAA - (Kerala)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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सत्यमेव जयते

PROCEEDINGS OF THE STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA

Present: Dr.H.Nagesh Prabhu IFS (Chairman)

Dr.V.Venu IAS (Member Secretary)

Shri.K.Krishna Panicker (Member)

Sub: - SEIAA – Environmental Clearance for the proposed laterite building stone quarry project in Re. Sy.No. 84/364 at Kadannappally Village, Payyannur Taluk, Kannur District, Kerala by Sri. Moolakkaran Rajan– Granted - Orders issued.

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KERALA

No. 1652/EC4/2020/SEIAA

Thiruvananthapuram, dated: 06.05.2022

Ref: 1.O.M.No.L-11011/47/2011-1AII (M) dated 24.06.2013 of the Ministry of Environment & Forests, Government of India.

2. Application received on 17.02.2020, from Sri.Moolakkaran Rajan.
3. Minutes of the 115th meeting of SEAC held on 03rd -05th November 2020.
4. Minutes of the 118th meeting of SEAC held on 01st,02nd & 03rd February 2021.
5. Minutes of the 120th meeting of SEAC held on 24th -26th March 2021.
6. Minutes of the 124th meeting of SEAC held on 24th -27th August 2021.
7. Minutes of the 125th meeting of SEAC held on 18th -19th March 2022.
8. Minutes of the 113th meeting of SEIAA held on 19th -20th April 2022.
9. G.O (Rt.)No.29/2019/Envvt dated 12.04.2019.

ENVIRONMENTAL CLEARANCE NO.01/L/2022.

Sri.Moolakkaran Rajan, S/o Govindan.K,Moolakkaran House, Kandamkulangara, Kunhimangalam P.O, Kannur-670309 submitted an application for Environmental Clearance in SEIAA for mining of laterite building stone quarry from the property at Re.Sy No-84/364

in Kadannappally Village, Payyannur Taluk, Kannur District, Kerala from an area of 0.8094 ha.

Sl No.	Particulars	Details
1	Name of the project	Laterite Stone Mining project of Sri.Moolakkaran Rajan
2	Name of the Sector & Schedule No.(in the EIA Notification, 2006)	Mining of Laterite stone B2 Category & Schedule 1(a)
3	Name & Address of the Project Proponent	Sri.Moolakkaran Rajan, S/o Govindan.K,Moolakkaran House, Kandamkulangara,Kunhimangalam P.O,Kannur-670309.
4	Project Location	
	a)Block No. or Survey Nos.:	Re.Survey No.84/364
	b) Revenue Village & Panchayat	KadannappallyVillage
	c) Taluk	Payyannur
	d) District	Kannur
5	Project Area	0.8094 ha
6	Period of Mining Lease	4 Years
7	Status of Applicant	Private Individual Owner
8	Method of Mining	Open cast semi-mechanized mining
9	Geo Co-ordinates	Latitude 12°6'23.87"N -12°6'25.84"N Longitude 75°18'33.09"E - 75°18'34.39"E
10	Validity of Environmental Clearance	4 Years from the date of issue of permit from Department of Mining & Geology as per SO 1807(E) dated 12.04.2022 of MoEF & CC.

2. The proposal was placed in the 124th meeting of SEAC held on 24th -27th August 2021.

The Nearest house is 95m as per Field Inspection Report.

3. The proposal was placed in the 125th meeting of SEAC held on 18th -19th March 2022. The Committee decided to recommend EC with a Project life of 4 years subject to the following Specific Conditions in addition to the General Conditions:

- A. Mining should be carried out by providing benches at every 2m.
- B. Proper drainage from the mine site should be ensured.
- C. Sprinkling of water should be done on the unsurfaced road prior to truck movements.
- D. The proponent should undertake phased restoration of the mine and should complete it as the mining operation is completed.
- E. The restored area should be used for the cultivation of food crops.
- F. The filled-up pits with the waste/OB material to be covered with freshly removed soil mixed with sufficient organic matter to ensure fast raising of natural vegetation and avoid the invasion of exotic plants species like Acacia.

4. The proposal was placed in the 113th meeting of SEIAA held on 19th & 20th April 2022. **Authority decided to issue EC for 4 years (*project life as estimated by SEAC*) from the date of issue of permit from the Department of Mining & Geology as per SO 1807(E) dated 12.04.2022 of MoEF for a quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to General Conditions.**

- 1. The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules, 2015 and amendments thereby.*
- 2. Mining should be carried out by providing benches at every 2m and maximum depth of mining must be limited to 6 m below ground level.*
- 3. Proper drainage from the mine site should be ensured.*
- 4. Sprinkling of water should be done on the unsurfaced road prior to truck movements.*

5. *The proponent should undertake phased restoration of the mine and should complete it as the mining operation is completed.*
6. *The restored area should be used for the cultivation of food crops.*
7. *The filled-up pits with the waste/OB material to be covered with freshly removed soil mixed with sufficient organic matter to ensure fast raising of natural vegetation and avoid invasion of exotic plants species like Acacia.*
8. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal , covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with District Collector. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support*
9. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
10. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986*

5. In the circumstances, the Authority is pleased to accord Environmental Clearance under Notification S.O. No.1533 (E) dated 14.09.2006 read with O.M. as per first paper above of the Ministry of Environment & Forest, Government of India, to Sri.Moolakkaran Rajan, S/o Govindan.K, Moolakkaran House, Kandamkulangara, Kunhimangalam P.O, Kannur-670309

from the land at Re-Sy No. 84/364 in Kadannappally Village, Payyannur Taluk, Kannur District, Kerala for a period of **four year** from the date of issue of permit from the Department of Mining & Geology as per S.O.1807(E) dated 12.04.2022 of MoEF & CC for a quantity mentioned in the approved Mining Plan subject to the specific conditions at para 4th above in addition to general conditions.

General Condition

1. Proponent should obtain all necessary statutory clearances for mining.
2. Appropriate fencing all around the burrowed/excavated pit shall be made to prevent any mishap.
3. Proper retaining wall shall be provided for safeguarding the immediately adjacent property, other buildings and civil structures.
4. A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation or as specified in mining plan.
5. Mining shall be done as per Mining Plan and suggestions by SEAC.
6. The mining activity should not involve blasting.
7. The excavation shall not alter the natural drainage pattern of the area.
8. Appropriate measures shall be taken to prevent dust pollution caused during laterite cutting.
9. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to burrowing/excavation of laterite building stone.
10. Provide 2m x 2m benches for mining depth greater than 3m to prevent slope failures. For soil and soft formation the benches of height 1.5m to 2m are to provided to prevent collapse of wall.
11. Maximum depth of removal of laterite building stone should be limited to 1 m above the clay layer (Lithomargic Clay layer). The level should be prominently marked before initiating the work.
12. Removal of laterite building stone should be restricted to 2m above the ground water table at the site. The decision taken by the expert team of SEAC in this regard, in relation to details provided in the Mining Plan, after the field inspection shall be final.

13. The topsoil and overburden shall be stacked in separate demarcated area and shall be used for reclaiming the excavated pit. Proper measures shall be provided to prevent the erosion of the stacked material.
14. The burrowed/excavated pit shall be restored by the Project Proponent for useful purpose(s) as specified in the Mining Plan.
15. Measures shall be taken to prevent dust pollution by covering of burrowed/excavated laterite building stone during transportation.
16. Applicable labour laws for mining shall be followed. Proper masks and onsite facilities shall be provided to the workers. All safety measures shall be followed while cutting laterite using machines.
17. Mine has to be closed as per progressive mine closure plan and final mine closure plan.
18. If EC period is more than 6 months, Half Yearly Compliance Report shall be submitted to SEIAA. Half Yearly Compliance Report is to be uploaded in the Parivesh Portal as per the existing norms.
19. The Environmental Clearance shall be liable to be cancelled in case of violation of any of the above conditions.
20. The minimum distance norm from the boundary/periphery of other properties buildings/civil structures as prescribed in KMMC Rules and other statutory rules and orders shall be followed.
21. Suitable indigenous plants should be planted around the mining area and sides of the haul road as green belt.

6. Violation of any of the above Specific and General Conditions as applicable to the particular case will entail cancellation of the Environmental Clearance, in addition to legal action under the provisions of the Environment (Protection) Act, 1986. Non-compliance, if any shall be reported to the District Collector, Kannur by the State Environment Impact Assessment Authority.

7. Compliance of the conditions here in will be monitored by the SEIAA or its agencies and also by the Regional Office, MoEF & CC. Necessary assistance for entry and inspection by the concerned officials and staff should be provided by the Project Proponents.

8. The given address for correspondence with the authorised signatory of the project is Sri.Moolakkaran Rajan, S/o Govindan.K, Moolakkaran House, Kandamkulangara, Kunhimangalam P.O, Kannur-670309.

Sd/-
Administrator, SEIAA
For, Member Secretary, SEIAA

To,

Sri.Moolakkaran Rajan
S/o Govindan.K
Moolakkaran House
Kandamkulangara
Kunhimangalam P.O
Kannur-670309

Copy to:

1. The District Collector,Kannur
2. The Director, Directorate of Environment & Climate Change, Trivandrum
3. The Tahsildhar,Payyannur Taluk,Kannur
4. The Director, Mining & Geology, Trivandrum
5. The District Geologist , Kannur
6. The Village Officer,Kadannappally Village,Payyannur Taluk,Kannur District.
7. The Secretary Kunhimangalam Grama Panchayath,Payyannur Taluk,Kannur District.
8. The Chairman, SEIAA
9. Stock File
10. Website
11. O/C