

# HALF YEARLY COMPLIANCE REPORT

FOR  
APRIL 2024 – SEPTEMBER 2024

IN RESPECT OF

BUILDING STONE QUARRY

EXTENT : 0.9996 Hectares

OF

M/s. PARLIKKAD GRANITES

IN

RE-SURVEY NO. 153/7

at

Wadakkancherry Village, Thalappilly Taluk, Thrissur  
District, Kerala State

DECEMBER – 2024

Website : <https://www.parlikkadgranites.in>

ENVIRONMENTAL  
CLEARANCE

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

To,

The Managing Partner  
 PARALIKAD GRANITES  
 Wadakkanchery Village, Thalapilly taluk -680020

**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/45120/2019 dated 04 Dec 2019. The particulars of the environmental clearance granted to the project are as below.

- |                                            |                         |
|--------------------------------------------|-------------------------|
| 1. EC Identification No.                   | <b>EC22B001KL185350</b> |
| 2. File No.                                | 1526/EC2/2019/SEIAA     |
| 3. Project Type                            | New                     |
| 4. Category                                | B2                      |
| 5. Project/Activity including Schedule No. | 1(a) Mining of minerals |
| 6. Name of Project                         | VJ Chacko,              |
| 7. Name of Company/Organization            | PARALIKAD GRANITES      |
| 8. Location of Project                     | Kerala                  |
| 9. TOR Date                                | 19 Oct 2019             |

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

Date: 20/10/2022

(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.*

*This is a computer generated cover page.*

PARIVESH

*(Pro-Active and Responsive Facilitation by Interactive,  
 and Virtuous Environmental Single-Window Hub)*





## PROCEEDINGS OF THE STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – KERALA, THIRUVANANTHAPURAM

*(Present : Dr.H.Nagesh Prabhu IFS (Retd), Chairman,  
Shri.K.Krishna Panicker, Member, Dr.V.Venu IAS, Member Secretary)*

**Sub:- Environmental Clearance for the Granite Building Stone Quarry Project of Sri.V.J.Chacko, Managing Partner, M/s.Parlikkad Granites, Vadakkethala Pindani House, Chettupuzha P.O, Thrissur - Granted – Orders issued.**

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### State Level Environment Impact Assessment Authority, Kerala

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**Proposal No. SIA/KL/MIN/45120/2019**

**File No. 1526/EC2/2019/SEIAA**

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- Ref: 1. Application for EC from Sri.V.J.Chacko received on 04.12.2019  
 2. Minutes of the 129<sup>th</sup> meeting of SEAC held on 08<sup>th</sup> to 10<sup>th</sup> June 2022  
 3. Minutes of the 116<sup>th</sup> meeting of SEIAA held on 29<sup>th</sup> & 30<sup>th</sup> July 2022  
 4. G.O(Rt.) No.29/2019/Env dt.12.04.2019

### **ENVIRONMENTAL CLEARANCE NO.176/Q/2022**

Sri.V.J.Chacko, Managing Partner, M/s.Parlikkad Granites, Vadakkethala Pindani House, Chettupuzha P.O, Thrissur submitted an application for Environmental Clearance through PARIVESH on 04.12.2019 for the Granite Building Stone Quarry Project for an area of 0.9996 Ha in Re.Survey No.153/7, Wadakkancherry Village, Thalappilly Taluk, Thrissur District, Kerala. The project details are as follows:

| SL.No | Particulars         | Details                                                 |
|-------|---------------------|---------------------------------------------------------|
| 1     | Name of the Project | Granite Building Stone Quarry Project of Sri.V.J.Chacko |

|    |                                                                   |                                                                                                                           |
|----|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 2  | Proposed Activity                                                 | Mining of Granite Building Stone                                                                                          |
| 3  | Name of the Sector & Schedule No. (in the EIA Notification, 2006) | Non Coal mining, Activity 1(a), Category B2                                                                               |
| 4  | Name & Address of the Project Proponent                           | Sri.V.J.Chacko, Managing Partner, M/s.Parlikkad Granites, Vadakkethala Pindani House, Chettupuzha P.O, Thrissur – 680 012 |
| 5  | Project Location                                                  |                                                                                                                           |
|    | a) Survey No.                                                     | 153/7                                                                                                                     |
|    | b) Revenue Village                                                | Wadakkancherry                                                                                                            |
|    | c) Taluk                                                          | Thalappilly                                                                                                               |
|    | d) District                                                       | Thrissur                                                                                                                  |
| 6  | Geo Co-ordinates                                                  | Latitude (N) 10°38'05.55"N to 10°38'09.50"N<br>Longitude (E) 76°14'27.26"E to 76°14'31.96"E                               |
| 7  | Extent (in Hectare)                                               | 0.9996                                                                                                                    |
| 8  | Project Cost                                                      | ₹ 3,14,00,000                                                                                                             |
| 9  | Total Mineable Reserve                                            | 311963 Tonnes (As per approved Mining Plan)                                                                               |
| 10 | Date of field inspection                                          | 01.07.2021                                                                                                                |



**CER Details**

| <b>Activity</b>                                                                                                                                                                                     | <b>Amount</b>    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Solar rechargeable streetlights at village roads leading to habitation with dense population ( Fifty solar street lights in two years and its maintenance for next three years @ 20,000 per light ) | <b>10,00,000</b> |
| Roof Water harvesting facility in nearby villages.( Fifty houses in two years and its maintenance for next three years @ 20,000 per house)                                                          | <b>10,00,000</b> |
| Construction of public toilets near major bus stops. (Ten toilets in two years and its maintenance for next three years @ 1 lakh per toilet).                                                       | <b>10,00,000</b> |
| Avenue Plantation in public places.                                                                                                                                                                 | <b>2,50,000</b>  |
| <b>Total</b>                                                                                                                                                                                        | <b>32,50,000</b> |

2. In the 129<sup>th</sup> meeting of SEAC, the Committee examined the proposal verified the documents submitted by the proponent and discussed the field inspection report. The Committee recommended EC with the Project Life of 3 years subject to certain Specific Conditions in addition to the General Conditions.

3. In the 116<sup>th</sup> SEIAA meeting, the Authority decided to issue Environmental Clearance for the Project Life of 3 (three) years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the 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. *The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
3. *The garland canal, silt traps, siltation pond and outflow channel should be provided prior to the commencement of mining to ensure adequate drainage of the area.*
4. *The garland drain, silt traps, siltation pond, and outflow channel should be desilted and cleaned periodically and geotagged photographs should be incorporated in the half yearly compliance report.*
5. *Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years*
6. *Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.*
7. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
8. *The OB dumping site should be provided with protection wall.*
9. *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 local self Govt. Institutions. 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.*
10. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use*

*only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*

*11. 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.*

*12. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**4. Environmental Clearance as per the EIA Notification, 2006 is hereby accorded for the Granite Building Stone Quarry Project of Sri.V.J.Chacko, Managing Partner, M/s.Parlikkad Granites, Vadakkethala Pindani House, Chettupuzha P.O, Thrissur for an area of 0.9996 Ha in Re.Survey No.153/7 in Wadakkancherry Village, Thalappilly Taluk, Thrissur, Kerala, for the Project Life of 3 years, from the date of execution of valid mining lease/permit from the Department of Mining and Geology as per S.O.1807 (E) dated.12.04.2022 of MoEF&CC, for the quantity mentioned in the approved Mining Plan, subject to the Specific Conditions suggested by SEIAA in Para 3 above, and all the environmental impact mitigation and management measures undertaken by the Project Proponent in the Form I, EMP, PFR and Mining Plan submitted to SEIAA. The assurances and clarifications given by the proponent will deemed to be a part of this Proceedings as if incorporated herein. Also the General Conditions for projects stipulated for mining (items 1 to 57), mentioned below will be applicable and have to be strictly adhered to.**

**5. The Environmental Clearance issued will also be subject to full and effective implementation of all the undertakings given in the Application Form, mitigation measures as assured in the Environment Management Plan and the mining features including Progressive Mine Closure Plan as submitted with the application. The above undertakings and the**

conditions and the undertakings in (Mining), (Blasting), (Mines Drainage), (Stacking of Mineral rejects and Disposal of waste), (Environment Management Plan) & (Progressive Mine Closure Plan) of the Mining Plan as submitted will be deemed to be part of this Proceedings as conditions as undertaken by the proponent, as if incorporated herein.

6. Validity of the Environmental Clearance will be **Three (3) years** from the date of execution of valid mining lease/permit from the Department of Mining & Geology as per SO 1807(E) dated 12.04.2022 of MoEF & CC, subject to earlier review of EC in case of violation or non-compliance of conditions or genuine complaints from residents within the security area of the quarry.

7. Compliance with the conditions herein will be monitored by the State Environment Impact Assessment Authority or its authorised offices and also by the Regional Office of the Ministry of Environment, Forest & Climate Change, Govt. of India, Bangalore. Necessary assistance for entry and inspection should be provided by the Project Proponent and those who are engaged or entrusted by him to the staff for inspection or monitoring. Instances of violation if any shall be reported to the District Collector, Thrissur.

8. The Half Yearly Compliance Report (HYCRs) with its contents, covering letter, compliance report and environmental monitoring data have to be uploaded in the Parivesh portal and the website of the project proponent. The HYCR with the name of the project, EC No and date & the period of submission should be sent to the Regional Office of MoEF & CC & to the SEIAA by email only at email ID [rosz.bng-mef@nic.in](mailto:rosz.bng-mef@nic.in) & [seacseiaakerala@gmail.com](mailto:seacseiaakerala@gmail.com) respectively. Hardcopy of HYCRs shall not be acceptable.

9. The given address for correspondence with the authorised signatory of the project is Sri.V.J.Chacko, Managing Partner, M/s.Parlikkad Granites, Vadakkethala Pindani House, Chettupuzha P.O, Thrissur.

### **GENERAL CONDITIONS**

1. *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.*

2. *All the statutory clearances should be obtained, as applicable, by the project proponent from the respective competent authorities including that for blasting and storage of explosives. Copies of all statutory clearances shall be submitted along with First Half Yearly Compliance Report.*
3. *The project proponent should advertise in news papers that the project has been accorded Environmental Clearance and copies of clearance letters are available in the Office of State Environment Impact Assessment Authority (SEIAA) and on the website of the Authority at [www.seiaakerala.in](http://www.seiaakerala.in). The advertisement should be in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language. The advertisement should be made within 10 days from the date of receipt of the Environmental Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.*
4. *The proponent shall send a copy of the EC 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 uploaded on the website of the company.*
5. *The lease area shall be fenced with barbed wire to a minimum height of 4ft around, before starting mining. All the boundary indicators (boards, markings, etc) shall be conspicuous and maintained at all times.*
6. *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 size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.*
7. *Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department. Mats to reduce fly rock blasts to a maximum of 10 PPV should be provided.*
8. *Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department.*
9. *Access roads to the quarry shall be black topped to contain dust emissions that*

*may arise during transportation of materials. The transportation of minerals should be done in covered trucks to contain dust emissions.*

- 10. A separate Environmental Management Cell (EMC) with suitable qualified personnel should be set-up under the chairmanship of a Senior Executive, who will report directly to the Head of the Organization. The Cell should have representative of Biodiversity Management Committee of the Panchayath and a representative of NGO, if any active in the area. The EMC should meet at least once in six months and review the activities and minutes should be a part of the compliance report.*
- 11. Quarrying has to be carried out as per approved mining plan with the suggestions from SEAC incorporated and following KMMC rules 2015 and the Amendments thereby.*
- 12. The quarrying operation (blasting) shall be restricted between 7 AM and 5PM*
- 13. Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.*
- 14. Maximum depth of mining shall be as per the mining plan and as per specific direction of SEAC after field inspection. The maximum depth of mining should not be deeper than the local ground water table. No mining operations should be carried out at places having a slope greater than 45°.*
- 15. The height of any bench shall not exceed five meters and breadth shall not be less than the height.*
- 16. The Project proponent shall ensure that no perennial or intermittent natural water course and/or water resources are obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.*
- 17. A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local*

*conditions.*

18. *The proponent should plant seedlings at least 5 times of the loss of trees that has occurred while clearing the land for the project and follow planting measures as suggested by SEAC. Suitable avenue trees should be planted along the sides of the approach road and internal roads and open parking areas, if any. Preference should be given to endemic native and fruit bearing species. Planting in buffer areas should be taken up beforehand. Proper upkeep and maintenance of planted seedlings shall be ensured by the project proponent.*
19. *The proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad leaved plants.*
20. *Eco-restoration including the closure of mine as per the progressive closure plan and final closure plan shall be done at the cost of the project proponent. This eco-restoration should follow scientific standards available for restoration, full recovery of the original vegetation and improving the resilience of different ecosystems. Overburden materials should be managed within the site and used for reclamation of mined pit as per mine closure plan / specific conditions.*
21. *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 suitable indigenous plant species, if no other specific condition on reclamation of pit is stipulated in the E.C. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.*
22. *Control measures on noise and vibration prescribed by KSPCB should be implemented. Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.*
23. *Periodical monitoring of the vibration at specified location (preferably at a distance of 50 m and 100 m) to be conducted and records kept for inspection. This could also form a part of the compliance reports.*
24. *Speed of trucks entering or leaving the mine site is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.*
25. *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 standard limit indicated by CPCB/KSPCB.*

- 26. Blasting should be done in a controlled manner using NONEL technique as specified by the regulations of Petroleum and explosive safety organization (GOI) or any other concerned authorized agency. A licensed person should supervise/control the blasting operations.*
- 27. Measures should be taken for maintaining noise levels below 85 dBA in the work environment.*
- 28. Project proponent should obtain necessary prior permission of the competent authorities for drawing requisite quantity of surface water and ground water for the project.*
- 29. Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly compliance reports to SEIAA.*
- 30. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps, to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, and for green belt development etc. The drains shall be regularly desilted and maintained properly, particularly after monsoon.*
- 31. Regular monitoring of ground water level and quality shall be carried out around the mine area during mining operation. If any stage, if it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.*
- 32. Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB.*
- 33. In the case of any change(s) in the scope of the project, extent, quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which the E.C was issued, the project*



*would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority. In the case of transfer of ECs, the matter shall be intimated and get the approval from the Authority as per the existing norms.*

- 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.*
- 35. The top soil, if any, shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained at 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geo textile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled.*
- 36. All the mining equipment used in Mining like backhoe loaders and excavators cause pollution and hence shall be serviced regularly & maintained for their efficient functioning and for reducing pollution. Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations.*
- 37. All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution checking centre. Washing of all vehicles shall be inside the lease area. .*
- 38. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution such as haul road, loading and unloading points and transfer points and having high levels of PM<sub>10</sub> and PM<sub>2.5</sub>. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board.*
- 39. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement at project site, parking area, on haul roads, loading and*

- unloading and at transport points should be provided and properly maintained.*
40. *Corporate Environmental Responsibilities (CER) as prescribed by SEIAA/SEAC should be carried out leading to Environmental stability of the Project region. The activities carried out under CER should be a part of the half yearly compliance report. The certificates from the beneficiaries, if the CER part is completed should also be submitted to the State Environment Impact Assessment Authority (SEIAA) along with year wise expenditure .*
  41. *The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying /Mining operations. The workers on the site should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.*
  42. *The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.*
  43. *Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. The report of health surveillance programme should be included in the half yearly compliance reports.*
  44. *The pits in the abandoned quarries and in the mined area shall be used for activities like water harvesting, aqua culture etc. in an eco friendly manner.*
  45. *If Government land is partly or fully used for mining, the area shall be returned at the end of lease period after mine closure with separate demarcation with suitable survey marks.*
  46. *Any accident occurring in the mined out area after the lease period due to negligence in carrying out safety measures and non-closure , will lead to suspension of all EC obtained for mining by the Proponent.*
  47. *In case of transfer of EC the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.*
  48. *The proponent shall submit Half Yearly Compliance Reports (1<sup>st</sup> of June & 1<sup>st</sup> of December) on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of*

*monitored data on their website and shall update the same periodically. It shall be simultaneously sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA). The proponent has to submit Environmental statement in form V of Environment (Protection) Rules 1986 to SPCB on 31<sup>st</sup> March every year.*

- 49. The project authorities should extend full cooperation to the officer (s) from the Regional Office of MOEF & CC located at Bangalore/SEAC/SPCB/CPCB/dept of Mining and Geology, while monitoring compliance of the stipulated conditions, by furnishing the requisite data/information/monitoring reports.*
- 50. The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.*
- 51. 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.*
- 52. The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.*
- 53. The Environmental Clearance will be subject to the final order of the courts on any pending litigation related to the land or project, in any court of law.*
- 54. Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.*
- 55. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.*
- 56. The SEIAA may revoke or suspend the order, for non implementation of any of the specific or any of the above conditions. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest*

*of environmental protection.*

57. *As per regulation no. 106(2) of metalliferous mines regulation under Mine act, the height of any bench shall not exceed six meters and breadth shall not be less than the height.*

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

To,

Sri.V.J.Chacko,  
Managing Partner,  
M/s.Parlikkad Granites,  
Vadakkethala Pindani House,  
Chettupuzha P.O, Thrissur – 680 012

Copy to

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wing, II Block,Koramangala, Bangalore-560034.(through e-mail: rosz.bng-mefcc@gov.in)
2. The Additional Chief Secretary to Government, Environment Department, Government of Kerala
3. The Director, Directorate of Environment & Climate Change, 4th Floor KSRTC Bus Terminal, Thampanoor, Thiruvananthapuram, Kerala 695001.
4. The District Collector, Thrissur
5. The Director, Mining & Geology, Thiruvananthapuram -4.
6. The Member Secretary, Kerala State Pollution Control Board
7. The District Geologist, Thrissur
8. The Secretary, Wadakkanchery Municipality, Thrissur
8. The Tahsildhar, Thalappilly Taluk, Thrissur District
9. The Chairman, SEIAA.
- 10.Website.
- 11.S/f
- 12.O/c

**COMPLIANCE TO THE CONDITIONS STIPULATED IN THE  
ENVIRONMENTAL CLEARENCE ISSUED BY STATE LEVEL ENVIRONMENT  
IMPACT ASSESSMENT AUTHORITY, KERALA**

Vide

EC No.

Dated-

Building Stone Quarry Project in Survey Nos. 153/7 at Wadakkancherry Village, Thalappilly Taluk, Thrissur, Kerala State – over an extent of 0.9996 Ha by Mr. V J Chacko, Managing Partner, M/s. Parlikkad Granites, with registered office at Vadakkethala Pindani House, Chettupuzha (P.O), Thrissur District.

**SPECIFIC CONDITIONS**

| Sl. No | Specific Conditions                                                                                                                                                                                            | Compliance Status                                                                                                                                                     |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.                        | Mining is carried out as per approved mining plan                                                                                                                     |
| 2      | The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity. | Noted, Will be followed.<br><i>attached as <b>Annexure -I</b></i>                                                                                                     |
| 3      | The garland canal, silt traps, siltation pond and outflow channel should be provided prior to the commencement of mining to ensure adequate drainage of the area.                                              | Garland canals are cut across the buffer area and the drainage system is well maintained. Geotagged photographs of the same is <i>attached as <b>Annexure -II</b></i> |
| 4      | The garland drain, silt traps, siltation pond, and outflow channel should be desilted and cleaned periodically and geotagged photographs should be incorporated in the half yearly compliance report.          | Garland canals are cut across the buffer area and the drainage system is well maintained. Geotagged photographs of the same is <i>attached as <b>Annexure -II</b></i> |
| 5      | Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.                                                      | Greenbelt along the buffer is retained on all sides except the entry to the quarry along old mined pit. Photographs <i>attached as <b>Annexure-III</b></i>            |

HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

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| 6  | Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CER as per agreed is being taken up and is partially done. Details regarding the same is <i>Attached as Annexure- IV</i>                                                                                             |
| 7  | Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Noted and is followed.                                                                                                                                                                                               |
| 8  | The OB dumping site should be provided with protection wall.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Noted and is followed, details <i>attached as Annexure -V</i>                                                                                                                                                        |
| 9  | 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 local self Govt. Institutions. 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. | CER as per agreed is being taken up and is partially done. Details regarding the same is <i>Attached as Annexure- IV</i>                                                                                             |
| 10 | In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NONEL blasting is done with minimum amount of charge so that vibration is reduced. Vibration study has been conducted the details regarding the same will be submitted to SEIAA<br><i>Attached as Annexure-XXIII</i> |

HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

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| 11 | As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16 <sup>th</sup> 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. | Noted, Will be followed.                                                  |
| 12 | The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Noted, Will be followed as per the conditions stipulated in the EC order. |

**GENERAL CONDITIONS**

| Sl. No | General Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Compliance Status                                                                                                                                                                             |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Noted, Will be followed.                                                                                                                                                                      |
| 2      | All the statutory clearances should be obtained, as applicable, by the project proponent from the respective competent authorities including that for blasting and storage of explosives. Copies of all statutory clearances shall be submitted along with First Half Yearly Compliance Report.                                                                                                                                                                                                                                                                                                                                                                                                                         | All the statutory clearances are obtained and the Copies of all statutory clearances are attached with this report.                                                                           |
| 3      | The project proponent should advertise in newspapers that the project has been accorded Environmental Clearance and copies of clearance letters are available in the Office of State Environment Impact Assessment Authority (SEIAA) and on the website of the Authority at <a href="http://www.seiaakerala.in">www.seiaakerala.in</a> . The advertisement should be in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language. The advertisement should be made within 10 days from the date of receipt of the Environmental Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation. | Advertised in the newspaper.<br><i>Attached as <b>Annexure -VI</b></i>                                                                                                                        |
| 4      | The proponent shall send a copy of the EC 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 uploaded on the website of the company.                                                                                                                                                                                                                                                                                                                                                                   | Copy of the EC letter is submitted to Municipality and acknowledgment is submitted SEIAA, Kerala. After we obtained D&O license from Municipality.<br><i>Attached as <b>Annexure -VII</b></i> |
| 5      | The permit area shall be fenced with barbed wire to a minimum height of 4ft around, before starting mining. All the boundary indicators (boards, markings,etc) shall be conspicuous and maintained at all times.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Fencings all around the boundary of quarrying area shall be provided to avoid the incidence.<br><i>Attached as <b>Annexure-VIII</b></i>                                                       |



HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

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| 6  | 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 size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.                                                                                                                                                              | Details of Environmental Clearance are displayed.<br><i>Attached as <b>Annexure-IX</b></i>                                                                                                        |
| 7  | Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department. Mats to reduce fly rock blasts to a maximum of 10 PPV should be provided.                                                                                                                                                                                                                                                                                                     | Explosives are stored in magazines in earmarked area as specified by the authority.                                                                                                               |
| 8  | Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department.                                                                                                                                                                                                                                                                                                                                                        | As per the stipulations of Explosive Department the warning alarms by indicating the blasting time is provided.                                                                                   |
| 9  | Access roads to the quarry shall be black topped to contain dust emissions that may arise during transportation of materials. The transportation of minerals should be done in covered trucks to contain dust emissions.                                                                                                                                                                                                                                                                      | Access road to the quarry shall be Concreted and maintained affectively.<br><i>Attached as <b>Annexure-X</b></i>                                                                                  |
| 10 | A separate Environmental Management Cell (EMC) with suitable qualified personnel should be set-up under the chairmanship of a Senior Executive, who will report directly to the Head of the Organization. The Cell should have representative of Biodiversity Management Committee of the Panchayath and a representative of NGO, if any active in the area. The EMC should meet at least once in six months and review the activities and minutes should be a part of the compliance report. | Environmental Monitoring Cell headed by Quarry Manager along with qualified Environmental Consultant / Engineers is being engaged for effective implementation of the pollution control measures. |
| 11 | Quarrying has to be carried out as per approved mining plan with the suggestions from SEAC incorporated and following KMMC rules 2015 and the Amendments thereby.                                                                                                                                                                                                                                                                                                                             | Quarrying activities carried as per mining plan.                                                                                                                                                  |
| 12 | The quarrying operation (blasting) shall be restricted between 7 AM and 5PM                                                                                                                                                                                                                                                                                                                                                                                                                   | Noted, Will be followed.                                                                                                                                                                          |
| 13 | Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.                                                                                                                                                                                                                                                  | Rainwater harvesting structures and solar panels shall be implemented at the project site.<br><br><i>Attached as <b>Annexure-XI &amp; XII</b></i>                                                 |
| 14 | Maximum depth of mining shall be as per the mining plan and as per specific direction of SEAC after field inspection. The maximum depth of mining should not be deeper than the local ground water table. No mining operations                                                                                                                                                                                                                                                                | Noted and will be followed.                                                                                                                                                                       |

HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

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|    | should be carried out at places having a slope greater than 45°.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                     |
| 15 | The height of any bench shall not exceed five meters and breadth shall not be less than the height.                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Noted and shall be followed.                                                                                        |
| 16 | The Project proponent shall ensure that no perennial or intermittent natural water course and/or water resources are obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.                                                                                                                                                                                                                                                                | Noted and shall be followed.                                                                                        |
| 17 | A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.                                                                                                                                  | Complied.                                                                                                           |
| 18 | The proponent should plant seedlings at least 5 times of the loss of trees that has occurred while clearing the land for the project and follow planting measures as suggested by SEAC. Suitable avenue trees should be planted along the sides of the approach road and internal roads and open parking areas, if any. Preference should be given to endemic native and fruit bearing species. Planting in buffer areas should be taken up beforehand. Proper upkeep and maintenance of planted seedlings shall be ensured by the project proponent. | Greenbelt shall be developed as per the guidelines.<br><i>Attached as <b>Annexure-XIII</b></i>                      |
| 19 | The proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad leaved plants.                                                                                                                                                                                                                                                                                                                                                                                                  | A greenbelt shall be developed all around the lease area as per the instructions.                                   |
| 20 | Eco-restoration including the closure of mine as per the progressive closure plan and final closure plan shall be done at the cost of the project proponent. This eco-restoration should follow scientific standards available for restoration, full recovery of the original vegetation and improving the resilience of different ecosystems. Overburden materials should be managed within the site and used for reclamation of mined pit as per mine closure plan / specific conditions.                                                           | Eco-restoration plan as per the Post Mine Closure Plan Will be Implemented in the quarry as per the plan submitted. |

HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

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| 21 | At least 10% out of total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping & overburden & planted with suitable indigenous plant species, if no specific condition on reclamation of pit is stipulated in the E.C. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. | Will be followed as per the guidelines.                                                                                                                                |
| 22 | Control measures on noise and vibration prescribed by KSPCB should be implemented. Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.                                                                                                                                                                                                                            | Prescribed control measures from KSPCB shall be followed.                                                                                                              |
| 23 | Periodical monitoring of the vibration at specified location (preferably at a distance of 50 m and 100 m) to be conducted and records kept for inspection. This could also form a part of the compliance reports.                                                                                                                                                                                             | Noted and shall be followed.<br>Vibration study has been conducted and the detailed report is <i>attached as Annexure-XXIII</i>                                        |
| 24 | Speed of trucks entering or leaving the mine site is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.                                                                                                                                                                                                                                                                     | Noted and shall be followed.                                                                                                                                           |
| 25 | 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 standard limit indicated by CPCB/KSPCB.                                                                                                                                                             | Noted and shall be complied.                                                                                                                                           |
| 26 | Blasting should be done in a controlled manner using NONEL technique as specified by the regulations of Petroleum and explosive safety organization (GOI) or any other concerned authorized agency. A licensed person should supervise/ control the blasting operations.                                                                                                                                      | Blasting shall be done in controlled manner as specified by the regulations of Explosives Department or any other concerned agency.<br><i>Attached as Annexure-XIV</i> |
| 27 | Measures should be taken for maintaining noise levels below 85 dBA in the work environment.                                                                                                                                                                                                                                                                                                                   | Noted and will be followed.<br>Noise level monitoring report is <i>attached as Annexure-XVII</i>                                                                       |
| 28 | Project proponent should obtain necessary prior permission of the competent authorities for drawing requisite quantity of surface water and ground water for the project.                                                                                                                                                                                                                                     | Noted and shall be followed.                                                                                                                                           |
| 29 | Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly compliance reports to SEIAA.                                                                                                                                                                   | Noted and shall be followed.                                                                                                                                           |

HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

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| 30 | Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps, to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, and for green belt development etc. The drains shall be regularly desilted and maintained properly, particularly after monsoon.                                                                     | Noted and shall be followed.                                                                                                                                                                                                                              |
| 31 | Regular monitoring of ground water level and quality shall be carried out around the mine area during mining operation. If any stage, if it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.                                                                                                                                                                                                                         | Noted and shall be followed.                                                                                                                                                                                                                              |
| 32 | Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB.                                                                                                                    | Noted and shall be followed.                                                                                                                                                                                                                              |
| 33 | In the case of any change(s) in the scope of the project, extent, quantity, process of mining technology involved or in any way affecting the environmental parameters/ impacts as assessed, based on which the E.C was issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority. In the case of transfer of ECs, the matter shall be intimated and get the approval from the Authority as per the existing norms. | Will adhere as per the EIA Notification.                                                                                                                                                                                                                  |
| 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.                                                                                                                                         | Stipulated conditions shall be implemented.<br><br><i>Air Analysis report is enclosed as <b>Annexure No. XV</b></i><br><i>PCB Consent is enclosed as <b>Annexure No. XVI</b></i><br><i>Water Analysis reports is enclosed as <b>Annexure No XVIII</b></i> |
| 35 | The top soil, if any, shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining operations                                                                                                                                                                                                                                                                                                                          | Noted and shall be followed.                                                                                                                                                                                                                              |

HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

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|    | shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained at 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geo textile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled. |                                                                                                                                                                                                                                                                                       |
| 36 | All the mining equipment used in Mining like backhoe loaders and excavators cause pollution and hence shall be serviced regularly & maintained for their efficient functioning and for reducing pollution. Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations.                                                                                                                                                                                                                                             | Spent oil for diesel engines shall be handed over to authorized recyclers.                                                                                                                                                                                                            |
| 37 | All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution checking centre. Washing of all vehicles shall be inside the lease area.                                                                                                                                                                                                                                                                                                                                                                  | All Vehicles used within the quarry areas are having PUC certificate.                                                                                                                                                                                                                 |
| 38 | Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution such as haul road, loading and unloading points and transfer points and having high levels of PM10 and PM2.5. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board.                                                                                                                                                         | Necessary actions to curb air pollution will be taken at the project site and shall ensure that the Ambient Air Quality parameters conform to the norms prescribed by the CPCB.<br><i>Water Sprinkling shall be done to reduce dust emissions.</i><br><b>Attached as Annexure-XIX</b> |
| 39 | Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement at project site, parking area, on haul roads, loading and unloading and at transport points should be provided and properly maintained.                                                                                                                                                                                                                                                                                                            | Noted and shall be followed.<br><i>Water Sprinkling shall be done to reduce dust emissions.</i><br><b>Attached as Annexure-XX</b>                                                                                                                                                     |
| 40 | Corporate Environmental Responsibilities (CER) as prescribed by SEIAA/SEAC should be carried out leading to Environmental stability of the Project region. The activities carried out under CER should be a part of the half yearly compliance report. The certificates from the beneficiaries, if the CER parts completed should also be submitted to the State Environment Impact Assessment Authority (SEIAA) along with year wise expenditure.                                                                                                         | Noted and shall be followed.                                                                                                                                                                                                                                                          |

HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

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| 41 | The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying /Mining operations. The workers on the site should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.                                                                                                                                                                                                                                                                                                                   | Noted and shall be followed.<br><i>Attached as <b>Annexure-XXI</b></i>                             |
| 42 | The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Noted and shall be followed.                                                                       |
| 43 | Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. The report of health surveillance programme should be included in the half yearly compliance reports.                                                                                                                                                                                                                                                                                                                                                   | Regular health check-ups for the workers shall be done.<br><i>Attached as <b>Annexure-XXII</b></i> |
| 44 | The pits in the abandoned quarries and in the mined area shall be used for activities like water harvesting, aqua culture etc. in an eco-friendly manner.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Noted and shall be followed.                                                                       |
| 45 | If Government land is partly or fully used for mining, the area shall be returned at the end of lease period after mine closure with separate demarcation with suitable survey marks.                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Noted and shall be followed.                                                                       |
| 46 | Any accident occurring in the mined out area after the lease period due to negligence in carrying out safety measures and non-closure , will lead to suspension of all EC obtained for mining by the Proponent.                                                                                                                                                                                                                                                                                                                                                                                                                                | Noted and shall be followed.                                                                       |
| 47 | In case of transfer of EC the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Noted and shall be followed.                                                                       |
| 48 | The proponent shall submit Half Yearly Compliance Reports (1st of June & 1st of December) on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall be simultaneously sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA). The proponent | Noted and shall be followed.                                                                       |

HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

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|    | has to submit Environmental statement in form V of Environment (Protection) Rules 1986 to SPCB on 31st March every year.                                                                                                                                                                                                                                   |                                            |
| 49 | The project authorities should extend full cooperation to the officer (s) from the Regional Office of MOEF & CC located at Bangalore/SEAC/SPCB/CPCB/dept of Mining and Geology, while monitoring compliance of the stipulated conditions, by furnishing the requisite data/information/monitoring reports.                                                 | Noted and full cooperation shall be given. |
| 50 | The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.                                                                                                                                            | Noted and shall be followed.               |
| 51 | 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. | Noted and shall be followed.               |
| 52 | The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.                                                                                                                                                                                                                                                             | Noted.                                     |
| 53 | The Environmental Clearance will be subject to the final order of the courts on any pending litigation related to the land or project, in any court of law.                                                                                                                                                                                                | Noted.                                     |
| 54 | Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.                                                                                                                                              | Noted.                                     |
| 55 | Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.                                                                                              | Noted.                                     |
| 56 | The SEIAA may revoke or suspend the order, for non-implementation of any of the specific or any of the above conditions. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.                                                                                 | Noted.                                     |

HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

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| 57 | As per regulation no. 106(2) of metalliferous mines regulation under Mine act, the height of any bench shall not exceed six meters and breadth shall not be less than the height. | Noted. |
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## Half yearly Compliance Report

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# Copy of Permit Order

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### *ANNEXURE I*

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**FORM M**

(See Sub-rule (2) of rule 9)  
(For all type of quarrying permits)  
**GOVERNMENT OF KERALA**

**DISTRICT OFFICE, DEPARTMENT OF MINING & GEOLOGY, THRISSUR**  
**QUARRYING PERMIT FOR EXTRACTION OF LATERITE BUILDING STONE**  
**GRANTED UNDER RULES 3(1), 9 AND 10 OF THE KERALA MINOR MINERAL**  
**CONCESSION RULES, 2015**

No. 2/2023-24/MM/QP/GS/ 1023/C2/TDO/2018

Dated 19.08.2023

Shri. V. J Chacko , Managing Partner , M/s Parlikkad Granites , Parlikkad P.O , Thrissur is hereby permitted to extract and remove GRANITE( BUILDING STONE) from an area of 0.9996 Hectare in Sy.No. 153/7-1,3,4 of Wadakkanchery Village Thalappilly Taluk Thrissur District, Kerala State under 3(1) and 9 of the Kerala Minor Mineral Concession Rules, 2015 subject to the conditions mentioned in rule 10.(Subject to judgment dated 19.06.2023 of the Hon'ble High Court in WP(C) 10552/2023)

- A. Quantity of extraction of mineral permitted : 105375 MT ( Out of 311963 MT )  
(Not applicable in the case of CRP System) (As per Approved mining plan)  
B. Whether the permit holder opted CRP system : N.A.  
C. Number of mineral transit passes to be issued : as per KOMPAS Portal  
D. Name and address of the owner of the land : Shri. Ittoop Menachery & Gracy  
Under mineral concession / particulars of Menachery Villa  
Chembukkkavu , Thrissur  
Consent / NOC received from the occupier of the land (if applicable) : Yes , Registered Lease Agreement Produced  
E. Date of expiry of permit : 18.08.2026

**Details of fee remitted**

| Item            | Chalan No & Date                         | Amount (Rs) | Name of Treasury |
|-----------------|------------------------------------------|-------------|------------------|
| Application fee | KL000188265201819M<br>Dated, 07.04.2018  | 1000/-      | ST,TSR           |
| Royalty         | KL011327650202324 M,<br>Dated 06.07.2023 | 5058000/-   | STTSR            |
| Surface Rent    | KL011877197202324E,<br>Dated 11.07.2023  | 500/-       | E – Chalan       |
| DMF             | 1148<br>Dated 06.07.2023                 | 505800/-    | ST,TSR           |

The permit holder is eligible for movement permit of 105375 MT of Granite Building Stone in the first year. Royalty and DMF are to be remitted on 19.08.2024 in the II<sup>nd</sup> year and on 19.08.2025 in the III<sup>rd</sup> year respectively as per approved mining plan. All statutory licences must be valid throughout the permit period.



Office Seal

Copy to:- (1) Revenue Collector (with C/L)  
(2) Shri. Ittoop Menachery & his wife Gracy , Menachery Villa , Chembukkkavu , Thrissur

Signature and Address of the issuing Authority

മലയാളം & മലയാളം  
മലയാളം & മലയാളം  
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## Half yearly Compliance Report

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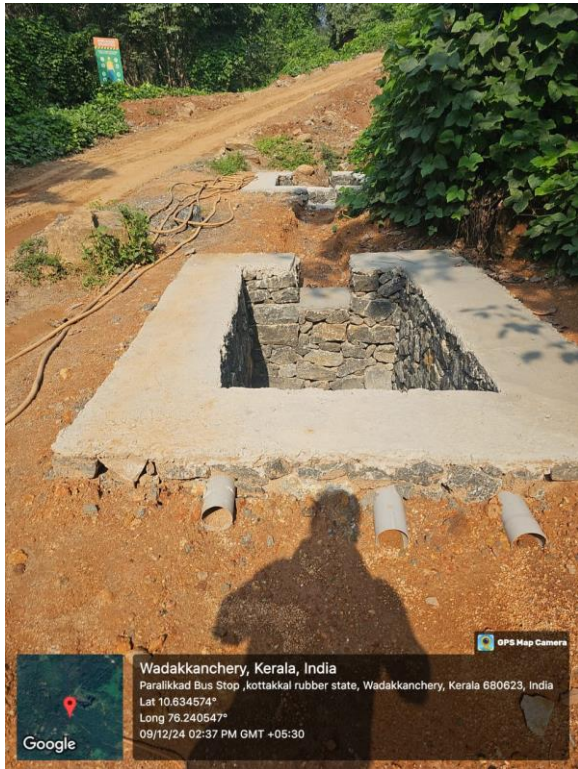
# Photograph of Garland Drain, Silt Traps, De-Siltation Pond

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### *ANNEXURE II*

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**GARLAND DRAINS ALONG QUARRY BOUNDARY**

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## Half yearly Compliance Report

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# Photos of Green Belt along Buffer & outside quarry area

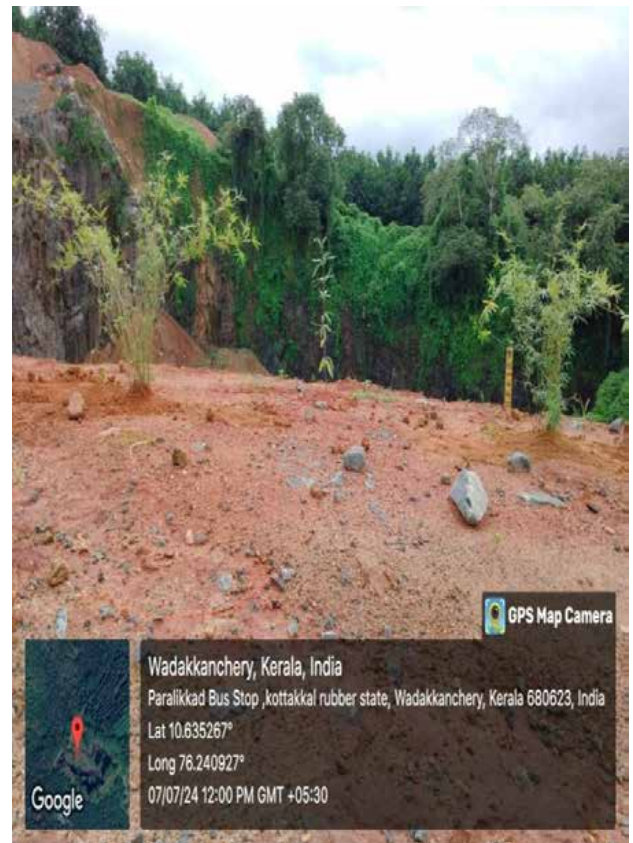
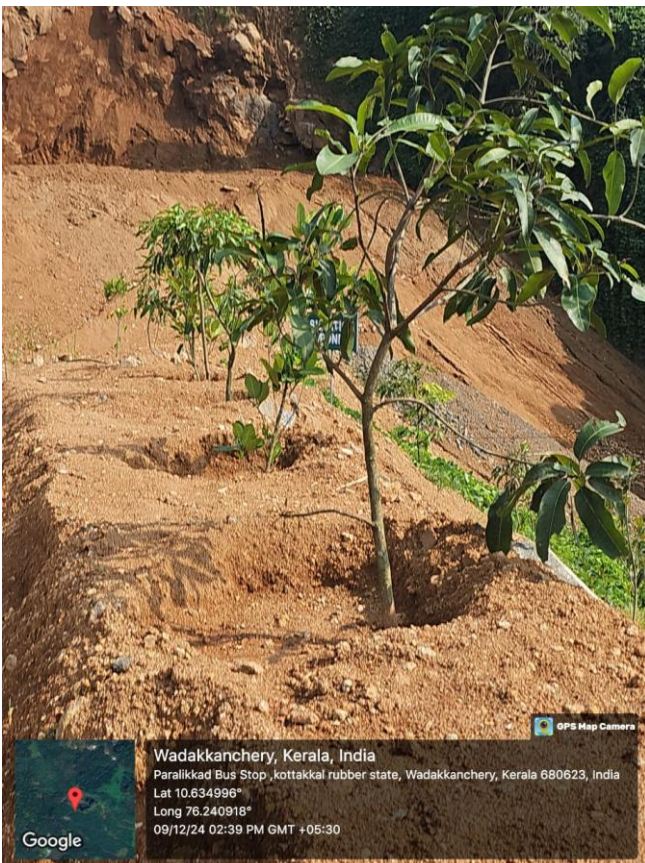
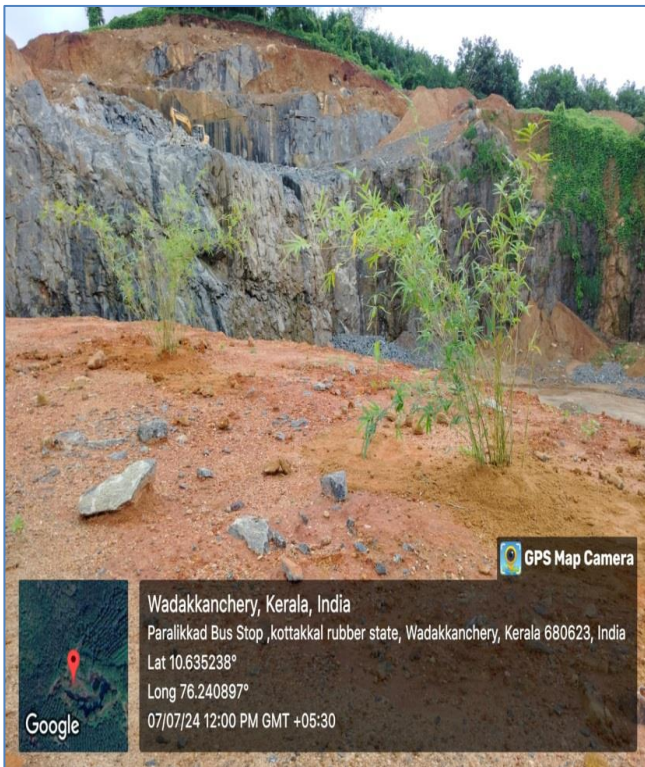
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### *ANNEXURE III*

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## HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024



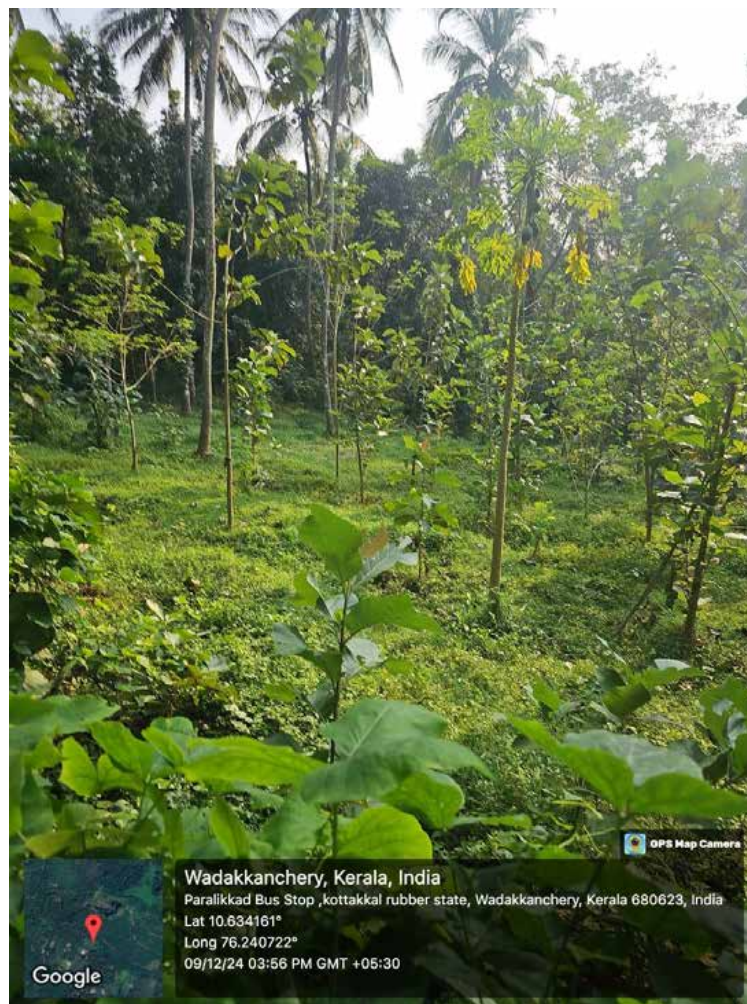


**AFFORESTATION ALONG THE PANCHAYATH ROAD**

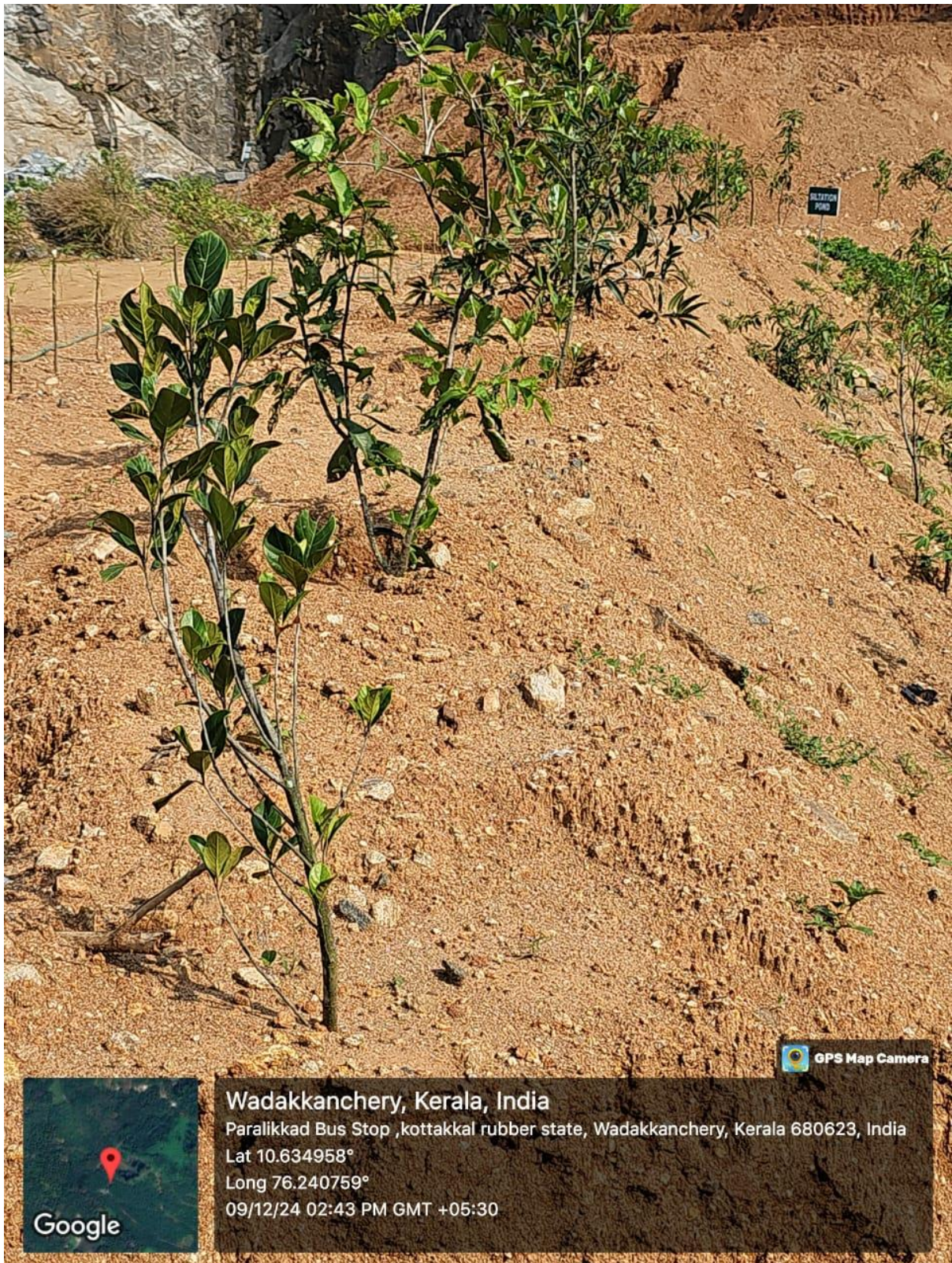




## HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024









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## Half yearly Compliance Report

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# DETAILS OF CER ACTIVITY

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### *ANNEXURE IV*

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**ESTIMATE OF CER ACTIVITY AT GOVT. UP SCHOOL, PARLIKKAD**

**VINEESH.E.V**  
**ERUVAPATTA (H)**  
**KUMARANELLUR .P.O**  
**WADAKANCHERY**  
**PIN 680590**  
**PH: 9744025881**

**PWD / RAILWAY CONTRACTOR**  
**Registration No: PWD/CIVIL/2140/2023-2024**  
**GSTIN : 32ACLPES178J1ZH**

| <b>DETAILED ESTIMATE</b>   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |        |       |        |          |      |      |        |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|-------|--------|----------|------|------|--------|
| <b>Parlikad School</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |        |       |        |          |      |      |        |
| SL No                      | Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | No | Length | Width | Height | Quantity | Unit | Rate | Amount |
| <b>Building completion</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |        |       |        |          |      |      |        |
| 1                          | Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in- Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete. |    |        |       |        |          |      |      |        |
|                            | Wall tile                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5  | 30     | 1.8   |        | 270      | m2   | 1350 | 364500 |
| 2                          | Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete                                                                                                                              |    |        |       |        |          |      |      |        |
|                            | Floor tile                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5  | 6.1    | 3     |        | 91.5     | m2   | 1270 | 116205 |
| 3                          | Solid block masonry using pre cast solid blocks ( Factory made) of size 30x20x20cm or nearest available size conforming to IS 2185 Part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 ( 1 cement : 6 coarse sand) etc complete                                                                                                                                                                                                                                                 |    |        |       |        |          |      |      |        |
|                            | Brick work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5  | 1.5    | 0.15  | 2.2    | 2.475    |      |      |        |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5  | 2.2    | 0.15  | 0.3    | 0.495    |      |      |        |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |        |       |        | 2.97     | m3   | 7200 | 21384  |
| 4                          | 12 mm cement plaster of mix:1:4 ( 1 cement : 4 fine sand)                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |        |       |        |          |      |      |        |
|                            | Plastering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5  | 1.5    |       | 2.2    | 16.5     |      |      |        |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5  | 2.2    |       | 0.3    | 3.3      |      |      |        |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |        |       |        | 19.8     | m2   | 345  | 6831   |
| 5                          | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)                                                                                                                                                                                                                                                                                             |    |        |       |        |          |      |      |        |
|                            | PCC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5  | 2.2    | 1.55  | 0.075  | 1.27875  | m3   | 7200 | 9207   |
| 6                          | Providing and fixing ISI marked PVC pipes including jointing of pipes with one step PVC solvent cement with testing of joints including cost of specials etc. complete as per direction of Engineer in charge. 63mm dia 10kgf/cm2.                                                                                                                                                                                                                                                                                       |    |        |       |        |          |      |      |        |
|                            | PVC 63 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5  | 20     |       |        | 100      |      |      |        |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3  | 15     |       |        | 45       |      |      |        |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |        |       |        | 145      | m    | 270  | 39150  |
| 7                          | Providing and fixing PVC Fiber door including frame ,shutter and all cost of materials, Labour charges and fixing charges etc complete                                                                                                                                                                                                                                                                                                                                                                                   |    |        |       |        |          |      |      |        |
|                            | PVC door                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 12 | 0.8    |       | 2.1    | 20.16    | m2   | 3950 | 79632  |
| 8                          | Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 25 mm dia 10Kgf/ cm2- Internal work- Exposed on wall                                                                                                                                                                                                                 |    |        |       |        |          |      |      |        |
|                            | 25 mm PCV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5  | 50     |       |        | 250      |      |      |        |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4  | 25     |       |        | 100      |      |      |        |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |        |       |        | 350      | m    | 310  | 108500 |
| 9                          | Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge.Concealed work, including cutting chases and making good the wall etc. 32 mm pipe 10Kgf/cm2                                                                                                                                                                          |    |        |       |        |          |      |      |        |
|                            | 32 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5  | 15     |       |        | 75       | m    | 482  | 36150  |
| 10                         | Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chased and making good the wall etc. 110 mm pipe 6kgf/cm2                                                                                                                                                                                    |    |        |       |        |          |      |      |        |
|                            | 110 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5  | 15     |       |        | 30       | m    | 765  | 22950  |

HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

**VINEESH.E.V**  
**ERUVAPATTA (H)**  
**KUMARANELLUR .P.O**  
**WADAKANCHERY**  
**PIN 680590**  
**PH: 9744025881**

**PWD / RAILWAY CONTRACTOR**  
**Registration No: PWD/CIVIL/2140/2023-2024**  
**GSTIN : 32ACLPE5178J1ZH**

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |    |  |      |        |               |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|--|------|--------|---------------|
| 11 | Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm Sand Cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests           |      |    |  |      |        |               |
|    | Indian type water closet                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |    |  |      |        |               |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5    | 2  |  | 4    | nos    | 6680 26720    |
| 12 | Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: W.C. pan with ISI marked white solid plastic seat and lid                                       |      |    |  |      |        |               |
|    | European type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5    | 1  |  | 2    | nos    | 6490 12980    |
| 13 | Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: Range of two urinal basins with 5 litre white P.V.C. automatic flushing cistern |      |    |  |      |        |               |
|    | Urinals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1    | 14 |  | 8    | nos    | 9550 76400    |
| 14 | Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required: White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap                                                                                                                                                   |      |    |  |      |        |               |
|    | Wash basin                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1    | 5  |  | 2    | nos    | 3210 6420     |
| 15 | Providing and placing on terrace (at all floor levels) polyethylene water storage tank :ISI 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.                                                                                                                                                                                                            |      |    |  |      |        |               |
|    | Water tank                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1500 |    |  | 1000 | Liters | 11.2 11200    |
| 16 | Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS: 893115 mm nominal bore                                                                                                                                                                                                                                                                                                                                           |      |    |  |      |        |               |
|    | Angle valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4    | 6  |  | 8    | nos    | 700 5600      |
| 17 | Supplying and installing ready made PVC Septic tank including the cost of carriage, trenching, placing at the level below ground level as specified as per the direction of engineer in charge (Provision for CC/RCC/Sand/06mm aggregate for the preparation of bed shall be paid separately)&lt;br>3. 25 to below 35 flush capacity                                                                                                                                                 |      |    |  |      |        |               |
|    | Septic tank                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1    |    |  | 1    | nos    | 26520 26520   |
| 18 | Providing and fixing PTMT grating of approved quality and colour. Rectangular type with openable circular lid 150 mm nominal size square 100 mm diameter of the inner hinged round grating                                                                                                                                                                                                                                                                                           |      |    |  |      |        |               |
|    | Floor trap                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5    | 4  |  | 8    | nos    | 220 1760      |
| 19 | Providing and fixing C.P brass bib cock of approved quality conforming to IS: 8931.15 mm nominal bore                                                                                                                                                                                                                                                                                                                                                                                |      |    |  |      |        |               |
|    | Tap                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5    | 4  |  | 8    | nos    | 532 4256      |
| 20 | Providing soak pit - 60 cm Dia, 60cm Depth, and 75 mm shell thick RCC ring including 10 cm thick RCC covering slab ,cost and conveyance of all materials and all labour charges etc complete                                                                                                                                                                                                                                                                                         |      |    |  |      |        |               |
|    | Soak pit                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1    | 1  |  | 1    | nos    | 3330 3330     |
|    | <b>Total Amount</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |    |  |      |        | <b>979695</b> |

**VINEESH VASU ERUVAPATTA**  
**Railway Contractor**  
**Eruvapatta House, Paruthipra,**  
**Kumaranellur, P.O, Wadakanchery,**  
**Thrissur, Kerala 680590**  
**Ph: 9744025881**



## GOVT. U.P. SCHOOL PARLIKAD

P.O. Parlikad, Thrissur-680 623, Tel: 04884-236594

Email : parlikadgups@gmail.com

Ref:

Date: 30/11/2024

To

SEIAA, 4th floor,  
KSRTC Bus Terminal, Thampanoor,  
Thiruvananthapuram

Sub: CSR ഓഫ് ഉപഭോക്തൃ ബാങ്കിംഗ് പരിരക്ഷിപ്പിച്ചതും  
തന്നിട്ടു.

Sir,

പാഠ്യഭാഗം ജി.ഓ. പി. മെയിൻ ഓഫ് ബാങ്കിംഗ്  
വളരെ ദയവുചെയ്തു പരിശോധിച്ചു പാഠ്യഭാഗം ഗ്രേജ്  
മെന്ന നിലയിൽ പരിരക്ഷിച്ചു തന്നിട്ടുണ്ട് മറ്റ്  
തീരുമാനം പരിശോധിച്ചതും.

വിശ്വസ്യതയോടെ

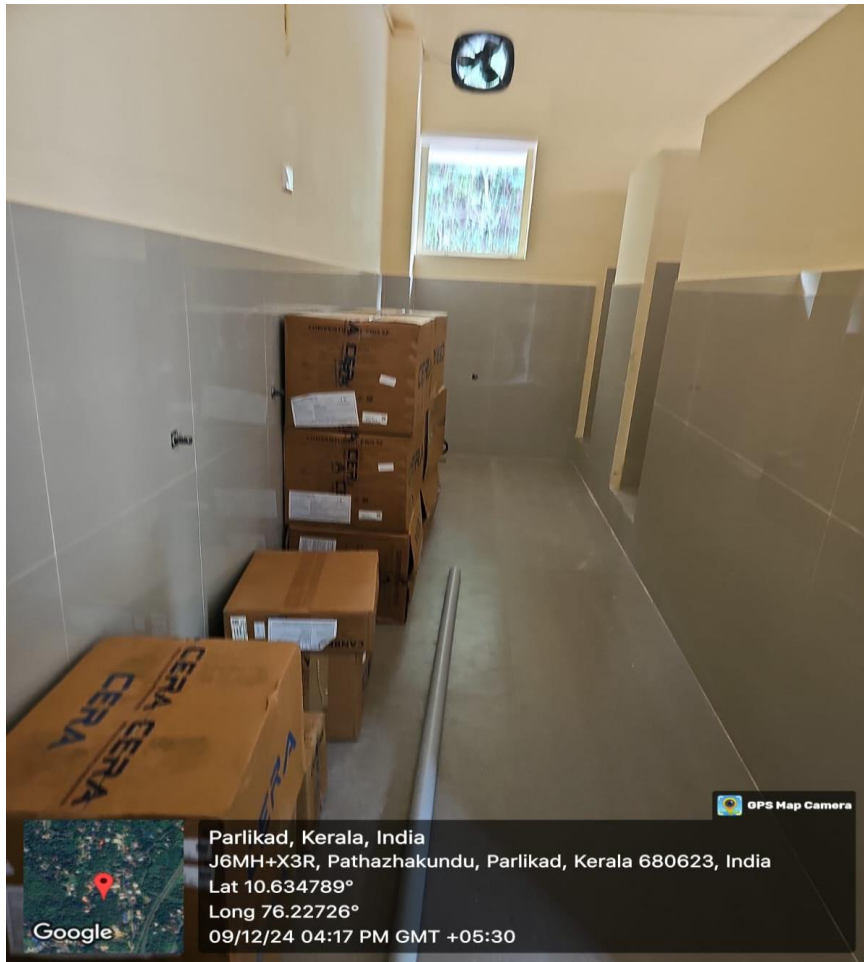


Shuka

HEAD MISTRESS  
GOVT. U.P. SCHOOL  
PARLIKAD



## HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024



**ROAD DEVELOPMENT / MAINTENANCE AT THEKKUMKARA**

VINEESH.E.V  
ERUVAPATTA (H)  
KUMARANELLUR .P.O  
WADAKANCHERY  
PIN 680590  
PH: 9744025881

PWD / RAILWAY CONTRACTOR  
Registration No: PWD/CIVIL/2140/2023-2024  
GSTIN : 32ACLPE5178J1ZH

Name of work : Road levelling Thekkumkara

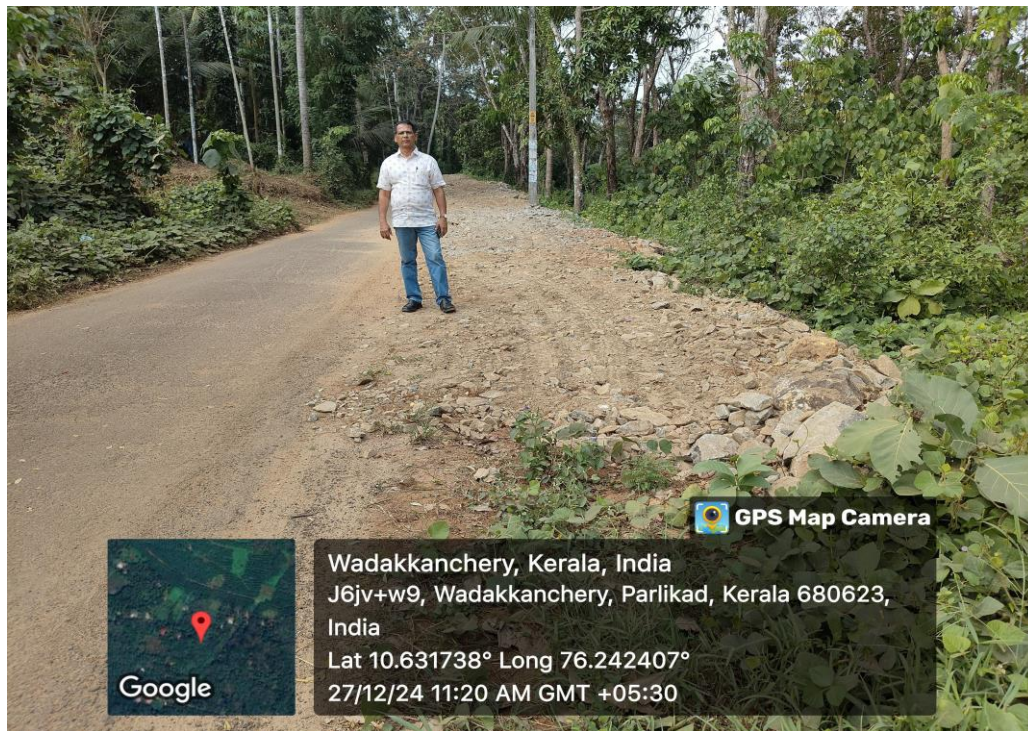
| No                  | Description                                                                                                                                                                                                                                        | No | L     | B | H   | Qty.  | Unit | Rate             | Amount   |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|---|-----|-------|------|------------------|----------|
| 1                   | Excavation in Cutting in Soil by manual means with lead upto 50 m & Excavation for roadway in soil using manual means for carrying of cut earth to embankment site with a lift upto 1.5 m and lead upto 50 m as per Technical Specification Clause |    |       |   |     |       |      |                  |          |
|                     |                                                                                                                                                                                                                                                    | 1  | 80.00 | 4 | 0.3 | 96    |      |                  |          |
|                     |                                                                                                                                                                                                                                                    |    |       |   |     | 96.00 | m3   | 360              | 34560    |
| 2                   | Filling with Quarry Muck<br>Filling up low lying and water logged areas with local material/ quarry muck, spreading in layers, leveling the top at site and consolidation by ramming, etc complete for improving the CBR value of subgrade         |    |       |   |     |       |      |                  |          |
|                     |                                                                                                                                                                                                                                                    | 1  | 80    | 4 | 0.3 | 96.00 |      |                  |          |
|                     | Total                                                                                                                                                                                                                                              |    |       |   |     | 96.00 | m3   | 770.00           | 73920.00 |
| <b>Total Amount</b> |                                                                                                                                                                                                                                                    |    |       |   |     |       |      | <b>108480.00</b> |          |

  
VINEESH.E.V  
**VINEESH VASU ERUVAPATTA**  
Railway Contractor  
Eruvappa House, Paruthipra,  
Kumaranellur PO, Wadakanchery,  
Thrissur, Kerala 680590  
Ph: 9744025881

Mob: 9744025881, Email : [vineeshwky1@gmail.com](mailto:vineeshwky1@gmail.com)



HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024





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## Half yearly Compliance Report

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# Photograph of Topsoil & OB Dump near Site

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### *ANNEXURE V*

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**DUMP IS MOVED TO A LOWER LOCATION AND IS STABLE SINCE IT IS LOCATED INSIDE THE PREVIOUSLY MINEDOUT PIT. NO RUN OFF WILL HAPPEN SINCE IT IS COVERED FROM ALL SIDES**

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## Half yearly Compliance Report

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# Copy of Advertisement in News Paper (EC)

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### *ANNEXURE VI*

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### അറിയിപ്പ്

വി ജെ ചാക്കോ എന്ന ഞാൻ മാനേജിംഗ് പാർട്ണർ ആയിട്ടുള്ള പാർട്ടി ഓഫ് ഗ്രാനൈറ്റ്സ്, വടക്കേതല പിടാണി ഹൗസ്, ചേറ്റുപുഴ പി. ഒ., തൃശ്ശൂർ എന്ന സ്ഥാപനത്തിന് തൃശ്ശൂർ ജില്ലയിൽ തലപ്പള്ളി താലൂക്കിൽ വടക്കാഞ്ചേരി വില്ലേജിൽ റീസർവ്വേ നമ്പർ 153/7 ൽ 0.9996 ഹെക്ടർ സ്ഥലത്ത് നടത്തുവാൻ ഉദ്ദേശിക്കുന്ന നിർദ്ദിഷ്ട കരിങ്കൽ ഖനന പദ്ധതിക്ക് പരിസ്ഥിതിക അനുമതി (EC) കേരള സംസ്ഥാനതല പരിസ്ഥിതി ആഘാത നിർണയ സമിതി (SEIAA) യിൽ നിന്നും ലഭിച്ച വിവരം ഇതിനാൽ അറിയിച്ചുകൊള്ളുന്നു.

1. EC Identification No.: EC22B001 KL185350 2. File No. : 1526/EC2/ 2019/SEIAA 3. Project Type : New 4. Category : B2 5. Project/Activity including Schedule No. : 1(a) Mining of minerals 6. Name of Project : VJ Chacko, 7. Name of Company/ Organization : PARALIKAD GRANITES 8. Location of Project : Kerala 9. TOR Date : 19 Oct 2019 പ്രസ്തുത അനുമതിയുടെ പകർപ്പ് കേരള സംസ്ഥാനതല പരിസ്ഥിതി ആഘാതം നിർണയ സമിതിയുടെ ഓഫീസിലും parivesh.nic.in എന്ന വെബ്സൈറ്റിലും ലഭ്യമാണ്

### അറിയിപ്പ്

വി ജെ ചാക്കോ എന്ന ഞാൻ മാനേജിംഗ് പാർട്ണർ ആയിട്ടുള്ള പാർട്ടി ഓഫ് ഗ്രാനൈറ്റ്സ്, വടക്കേതല പിടാണി ഹൗസ്, ചേറ്റുപുഴ പി. ഒ., തൃശ്ശൂർ എന്ന സ്ഥാപനത്തിന് തൃശ്ശൂർ ജില്ലയിൽ തലപ്പള്ളി താലൂക്കിൽ വടക്കാഞ്ചേരി വില്ലേജിൽ റീസർവ്വേ നമ്പർ 153/7 ൽ 0.9996 ഹെക്ടർ സ്ഥലത്ത് നടത്തുവാൻ ഉദ്ദേശിക്കുന്ന നിർദ്ദിഷ്ട കരിങ്കൽ ഖനന പദ്ധതിക്ക് പരിസ്ഥിതിക അനുമതി (EC) കേരള സംസ്ഥാനതല പരിസ്ഥിതി ആഘാത നിർണയ സമിതി (SEIAA) യിൽ നിന്നും ലഭിച്ച വിവരം ഇതിനാൽ അറിയിച്ചുകൊള്ളുന്നു.

1. EC Identification No.: EC22B001 KL185350 2. File No. : 1526/EC2/ 2019/SEIAA 3. Project Type : New 4. Category : B2 5. Project/Activity including Schedule No. : 1(a) Mining of minerals 6. Name of Project : VJ Chacko, 7. Name of Company/ Organization : PARALIKAD GRANITES 8. Location of Project : Kerala 9. TOR Date : 19 Oct 2019 പ്രസ്തുത അനുമതിയുടെ പകർപ്പ് കേരള സംസ്ഥാനതല പരിസ്ഥിതി ആഘാതം നിർണയ സമിതിയുടെ ഓഫീസിലും parivesh.nic.in എന്ന വെബ്സൈറ്റിലും ലഭ്യമാണ്

E2211.483056

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## Half yearly Compliance Report

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# License from Municipality

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### *ANNEXURE VII*

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വടക്കാഞ്ചേരി മുനിസിപ്പൽ കൗൺസിൽ

1994 ലെ കേരള മുനിസിപ്പാലിറ്റി ആക്റ്റ് 447-ാം വകുപ്പ് പ്രകാരം അനുവദിക്കുന്ന

**വ്യാപാര ലൈസൻസ്**

ഫോറം 2

(6-ാം ചട്ടം (5) -ാം ഉപചട്ടം കാണുക)

1. ലൈസൻസ് നമ്പർ 0002 / 2023-2024

2. ലൈസൻസിനുള്ള പേരും സ്ഥാപനത്തിന്റെ പേരും വിലാസവും  
(കെട്ടിട നമ്പർ / സ്ഥലത്തിന്റെ സർവ്വേ നമ്പർ ഉൾപ്പെടെ) ശ്രീ. വി.ജെ. ചിങ്ങി വടക്കാഞ്ചേരി ചിങ്ങി (CH) ചെറുപുഴ (വി.ജ), ചെട്ടുർ 24/322-A നർത്തക നമ്പർ - 153/7

3. അനുവദിക്കപ്പെട്ട വ്യാപാരങ്ങൾ / പ്രവർത്തനങ്ങൾ  
 1. കരിങ്കൽ ക്വാറി ചർച്ചിങ്ങി ഗോണാട്ട്സ്  
 2. ചർച്ചിങ്ങി, വടക്കാഞ്ചേരി. (വി.ജെ) രാലപ്പിള്ളി രാലപ്പുഴ, 680020  
 3.

4. ലൈസൻസ് ഫീസ് തുകയും രസീത് നമ്പറും തീയതിയും 40000/- 1220000565 08-12-2022

5. ലൈസൻസിന്റെ കാലാവധി 01-04-2023 മുതൽ 31-03-2024 വരെ

6. കേരള മുനിസിപ്പാലിറ്റി ആക്റ്റിലേയും ചട്ടങ്ങളിലേയും വ്യവസ്ഥകൾക്ക് പുറമെ ലൈസൻസി പാലിക്കേണ്ട പ്രത്യേക വ്യവസ്ഥകൾ


1.

2.


3.

സ്ഥലം ചിങ്ങി അമ്പലം

തീയതി 08-03-2023



WADANCHERY MUNICIPALITY  
THRISSUR DIST  
Date.....  
ലൈസൻസ് മുദ്ര  
WADANCHERY-680 582



സർക്രട്ടറിയുടെ ഒപ്പ്

ലൈസൻസ് പുതുക്കൽ വിവരങ്ങൾ

| ലൈസൻസ് പുതുക്കി നൽകിയ തീയതി | കാലാവധി |     | ലൈസൻസ് ഫീസ് | രസീത് നമ്പർ / തീയതി | ഒപ്പ് |
|-----------------------------|---------|-----|-------------|---------------------|-------|
|                             | മുതൽ    | വരെ |             |                     |       |
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**സാധാരണ നിബന്ധനകൾ**

1. വ്യാപാരം നടത്തുന്ന കെട്ടിടത്തിന്റെ മൂൻ വശത്ത് പൊതുവീൽ കാണാവുന്ന നിയമത്തിൽ ലൈസൻസ് പ്രദർശിപ്പിക്കേണ്ടതാണ്. ലൈസൻസ് യാതൊരു കാരണവശാലും നഗര സഭയുടെ അനുമതി കൂടാതെ കൈമാറ്റം ചെയ്യാൻ പാടില്ല.
2. ശരിയായ ചുമരില്ലാത്തതോ ഓല,വൈകോൽ മുതലായ സാധനങ്ങൾക്കൊണ്ട് മേഞ്ഞതോ ആയ കെട്ടിടങ്ങളിലും നിലം ഇഷ്ടിക, ധരിക്കാത്തതോ, സിമന്റിട്ടതോ ആയ കെട്ടിടങ്ങളിലും വ്യാപാരം നടത്തുവാൻ പാടില്ലാത്തതാകുന്നു.
3. വ്യാപാരസ്ഥലങ്ങൾ വെള്ളയടിപ്പും മറ്റും എപ്പോഴും വളരെ വൃത്തിയായി സൂക്ഷിക്കേണ്ടതാണ്. ഇതിനെ സംബന്ധിച്ച് സെക്രട്ടറിയോ ഹെൽത്ത് ഓഫീസറോ നൽകുന്ന നിർദ്ദേശമനുസരിച്ച് പ്രവർത്തിക്കുവാൻ ലൈസൻസുകാരൻ ബാധ്യസ്ഥനായിരിക്കും.
4. വ്യാപാരസ്ഥലങ്ങളിലെ അഴുക്കുവെള്ളം പൊതുജനങ്ങൾക്ക് ഉപദ്രവകരമല്ലാത്ത രീതിയിൽ സെക്രട്ടറിയോ ഹെൽത്ത് ഓഫീസറോ നിർദ്ദേശിക്കുന്ന നിയമത്തിൽ ഏതെങ്കിലും വിഭാഗം താൻ യാതൊരു കാരണവശാലും മറിഞ്ഞവം പൊതുനിരത്തിലേക്ക് ഒഴുക്കി വിടുവാൻ പാടുള്ളതല്ല.
5. വ്യാപാരസ്ഥലത്ത് വെളിച്ചത്തിനും വായുസഞ്ചാരത്തിനും വേണ്ട സൗകര്യങ്ങൾ ഉണ്ടായിരിക്കണം.
6. നഗരസഭാധികൃതർക്ക് ഏതുസമയത്തും വ്യാപാരസ്ഥലങ്ങൾ പരിശോധിക്കുവാൻ അധികാരമുണ്ടായിരിക്കും.
7. വ്യാപാരസ്ഥലം വാസസ്ഥലമായി ഉപയോഗിക്കുവാൻ പാടുള്ളതല്ല.
8. ലൈസൻസിന്റെ നിബന്ധനകൾ ലംഘിക്കുന്ന പക്ഷം ലൈസൻസ് റദ്ദ് ചെയ്യുന്നതും മേൽ നടപടികൾ സ്വീകരിക്കുന്നതുമാണ്.
9. പ്രത്യേകം പറഞ്ഞിട്ടില്ലാത്ത വ്യാപാരങ്ങളെ സംബന്ധിച്ചിടത്തോളം അതാതിന്റെ സ്വഭാവമനുസരിച്ച് നഗരസഭാധികൃതർ യഥാസമയം നൽകുന്ന നിർദ്ദേശങ്ങളും ഏർപ്പെടുത്തുന്ന വ്യവസ്ഥകളും ബാധകമായിരിക്കുന്നതാണ്.
10. ലൈസൻസ് നിലവിലുള്ള മൂന്നിടങ്ങളിൽ നിയമങ്ങൾക്കും ചട്ടങ്ങൾക്കും വിധേയമായിരിക്കും.
11. എല്ലാ വർഷങ്ങളിലും ഏപ്രിൽ 1-ാം തീയതിക്ക് 30 ദിവസം മുമ്പായി ലൈസൻസ് പുതുക്കേണ്ടതാണ്.
12. വ്യാപാരസ്ഥലത്തോടനുബന്ധിച്ച് കക്കുസും മൂത്രപ്പുരയും ഉണ്ടായിരിക്കേണ്ടതും അവ വൃത്തിയായി സൂക്ഷിക്കേണ്ടതുമാകുന്നു.

**പ്രത്യേക നിബന്ധനകൾ**

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Gimk-1792/19

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## Half yearly Compliance Report

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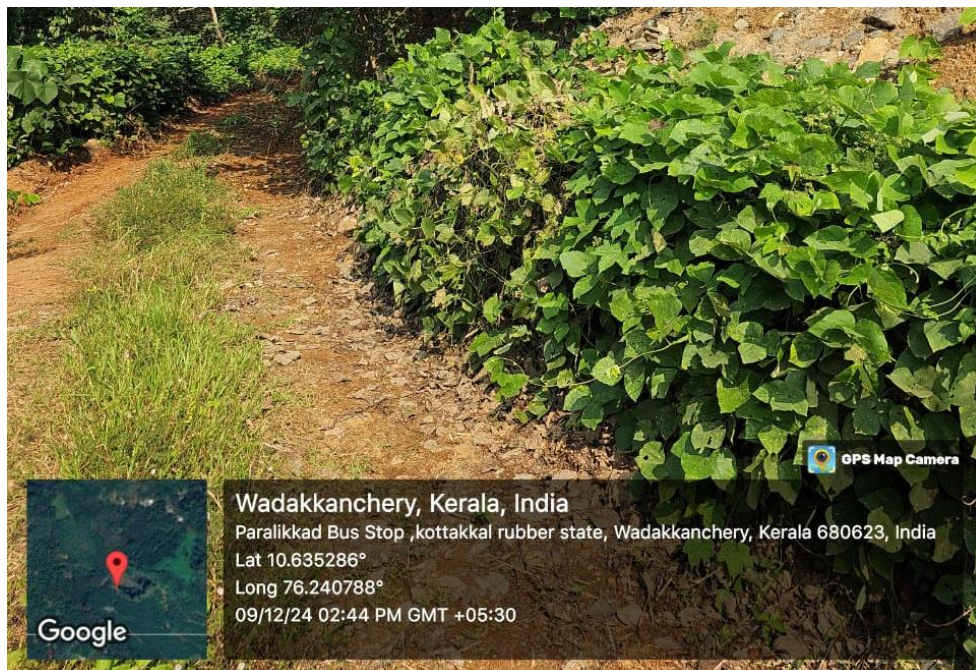
# Photographs of Fencing around the Quarry

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### *ANNEXURE VIII*

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## Half yearly Compliance Report

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Photographs of Board  
showing EC Details  
Displayed near site

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*ANNEXURE IX*

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## Half yearly Compliance Report

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# Photographs of Access Road to the Quarry

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### *ANNEXURE X*

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**PRIVATE ROAD TO QUARRY IS CONCRETED FOR SMOOTH MOVEMENT OF MATERIALS  
FROM THE QUARRY**

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## Half yearly Compliance Report

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# Photographs of Rainwater Harvesting Pond

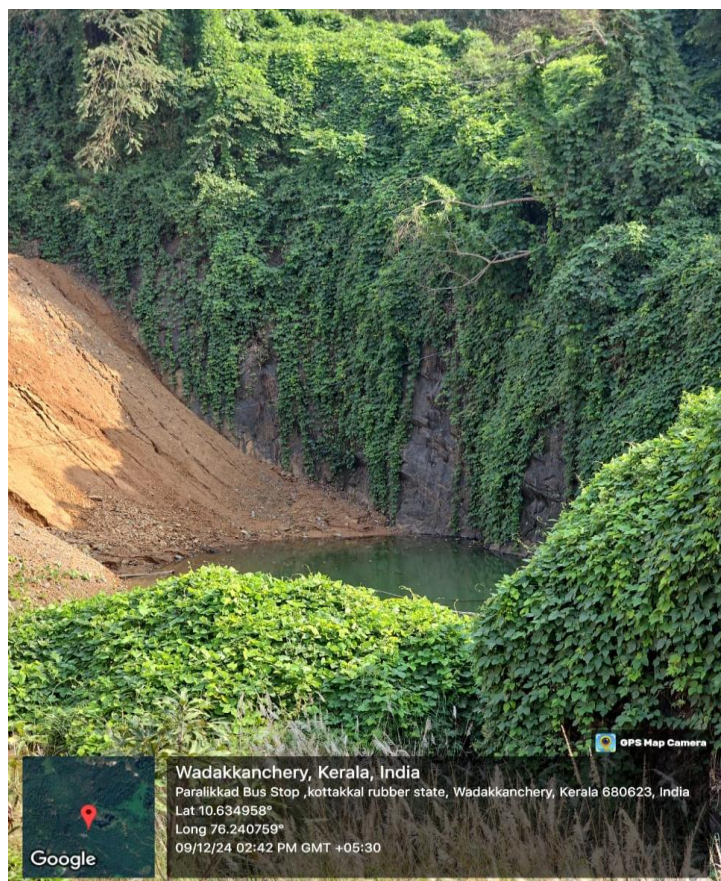
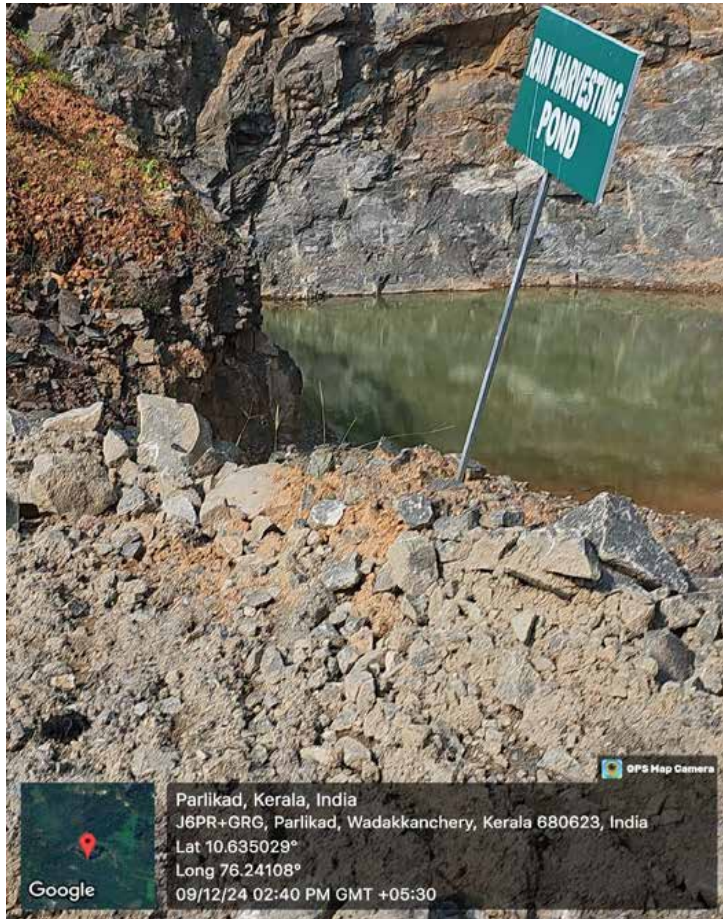
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### *ANNEXURE XI*

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HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024



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## Half yearly Compliance Report

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# Photographs of Solar Panel Installed at site Office

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### *ANNEXURE XII*

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## Half yearly Compliance Report

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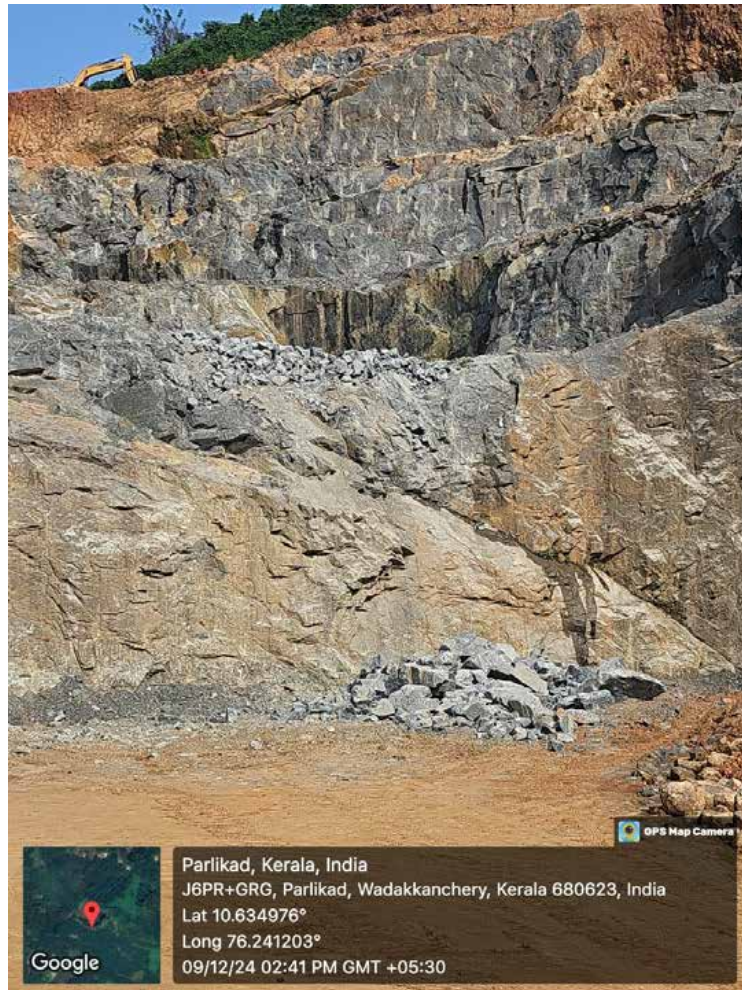
# Photographs of Bench Formation

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### *ANNEXURE XIII*

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## Half yearly Compliance Report

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# Copy of Explosive License

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### *ANNEXURE XIV*

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# HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

**अनुज्ञप्ति प्ररूप एल. ई.-3 | LICENCE FORM LE-3**  
 (विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)  
 (See article 3(a) to (d) of Part I of Schedule IV of Explosives Rules, 2008)  
 (ग) उपयोग के लिए एक समय पर वर्ग 1, 2, 3, 4, 5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक रखने के लिए अनुज्ञप्ति  
 Licence to possess : (c) for use, explosives of class 1, 2, 3, 4, 5, 6 or 7 in a magazine

अनुज्ञप्ति सं. (Licence No.): E/SC/KL/22/1105(E55915)  
 वार्षिक फीस रूपए (Annual Fee Rs): 2400/-

1. Licence is hereby granted to

**Shri V.J.Chacko (अधिभोगी / Occupier: Shri V.J.Chacko),** Vadakkethala Pindani, Chettupuzha P.O., Thrissur District, Kerala-680621,  
 Town/Village - Chettupuzha, District-THIRISSUR, State-Kerala, Pincode - 680621



को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्राप्ति: Status of licensee : **Individual**

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

4. अनुज्ञप्ति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमार्ग है।  
 Licence is valid for the following kinds and quantity of explosives: - (क) (a)

| क्र. Sr. No. | नाम और विवरण Name and Description | वर्ग और प्रभाग Class & Division | उप-प्रभाग Sub-division | मात्रा किसी एक समय में Quantity at any one time |
|--------------|-----------------------------------|---------------------------------|------------------------|-------------------------------------------------|
| 1.           | Nitrate Mixture                   | 2,0                             | 0                      | 150 Kg.                                         |
| 2.           | Electric Detonators               | 6,3                             | 0                      | 1000 Nos.                                       |
| 3.           | Safety Fuse                       | 6,1                             | 0                      | 2000 Mtrs                                       |
| 4.           | Ordinary Detonator                | 6,3                             | 0                      | 3000 Nos.                                       |

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

20 times as above.

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञाप्य परिसर की पुष्टि होती है।  
 The licensed premises shall conform to the following drawing(s):

रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1105(E55915)  
 दिनांक (Dated) 13/03/2024

6. अनुज्ञप्ति परिसर निम्नलिखित पते पर स्थित है। The licensed premises are situated at following address:  
 Survey No. 563/11, ग्राम (Town/Village) : Paraalikkad village, Thalappilly Taluk, Thrissur District, पुलिस थाना (Police Station) : Vaddakkanchery

| जिला (District) | राज्य (State) | पिनकोड (Pincode) |
|-----------------|---------------|------------------|
| THIRISSUR       | Kerala        | 680621           |

दूरभाष (Phone) ई. मेल (E-Mail) फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्भूत हैं।  
 The licensed premises consist of following facilities.

G(726) T(1263) and T(1201) type portable magazine (Mfd by M/s Noble Engineering and Fabrication Unit, Cochin) Now totally three magazines

8. अनुज्ञप्ति समय - समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबद्धों के अधीन रहते हुए अनुदत्त की जाती है।  
 The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.

- उपयुक्त 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.
- अनुज्ञप्ति प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञप्ति की शर्तों और अतिरिक्त शर्तों।  
 Conditions and Additional Conditions of this licence signed by the licensing authority.
- दूरी प्ररूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञप्ति तारीख 31 मार्च 2015 तक विधिमार्ग रहेगी। This licence shall remain valid till 31st day of March 2015.  
 यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञप्ति की शर्तों का अधिक्रमण करने या यदि अनुज्ञाप्य परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहत की जा सकती है, जहाँ वह लागू हों।  
 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 - 19/10/2010

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

**Amendments :**

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 23/11/2011
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 23/11/2011
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 24/10/2013
- Amendment in Drawings/Facilities/Premises dated : 13/03/2024

नवीनीकरण के पृष्ठानक के लिए स्थान  
 Space for Endorsement of Renewal

| नवीकरण की तारीख<br>Date of Renewal | समाप्ति की तारीख<br>Date of Expiry | अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प<br>Signature of licensing authority and stamp |
|------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------|
| 28/02/2023                         | 31/03/2025                         | Sd/-<br>Dy. Chief Controller of Explosives, Ennakulam                                      |

**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.

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

Digitally signed by Dr T L THANULINGAM  
 Reason: Licence No. : E/SC/KL/22/1105  
 Location: Chennai [E55915]  
 Date: 13-03-2024 10:28:23 AM

# HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024



भारत सरकार | Government of India  
वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry  
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो) | Petroleum & Explosives Safety Organisation (PESO)  
पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives  
A और D - विंग, ब्लॉक 1-8, दूसरा तल, शास्त्री भवन | A & D - Wing, Block 1-8, IInd Floor, Shastri Bhavan  
26 हड्डोउस रोड, नुंगम्बक्कम चेन्नै | 26 Haddous Road, Nungambakkam Chennai 600006  
फोन (Phone):- 28281023 | फैक्स (Fax):- 28284848

संख्या (No.): E/SC/KL/22/1105(E55915)

दिनांक (Date): 13/03/2024

सेवा में | To,

Shri V.J.Chacko,  
Yadakkethala Pindani, Chettupuzha P.O., Thrissur District, Kerala-680621, Town/Village - Chettupuzha  
District-THRISSUR, State-Kerala, Pincode - 680621

विषय: Survey No.563/11, ग्राम Paraalikkad village, Thalappilly Taluk, Thrissur Di, जिला THRISSUR, राज्य Kerala में मेसर्स Shri V.J.Chacko द्वारा विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/1105(E55915) के संशोधन संदर्भ में।  
(अरेखण / सुविधाएं / परिसर में परिवर्तन)

Subject: Possession for Use of Explosives from magazine situated at Survey No.:563/11, Paraalikkad village, Thalappilly Taluk, Thrissur Di, Dist. THRISSUR, Kerala -Licence No.: E/SC/KL/22/1105(E55915) granted in Form LE-3 of Explosives Rules, 2008 - (Amendment in Drawings/Facilities/Premises).

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या 113463 दिनांक 13/03/2024 का संदर्भ ग्रहण करें।  
Please refer to your letter no. 113463 dated 13/03/2024.

अनुज्ञप्ति संख्या E/SC/KL/22/1105(E55915) Usage of Explosives at the Proposed Granite Building Stone Quarry of the Licensee situated at Re-Survey No.: 153/7, Wadakkancherry Vill, Thalappilly T.K, Thrissur Dt Kerala, wide the E.C No. 176/Q/2022, dated 20.10.2022 issued SEIAA, Kerala under the following conditions 1. Opening of Mines should be intimated to DGMS and Director of Mines & Geology. 2. Blasting Operations should be conducted as per Mines Act & Rules. 3. Usage of Explosives to be as per Explosives Rules, 2008 and all records to be maintained as per the Explosives Rules, 2008. 4. All unused Explosives should be returned to Explosive magazine before Sunset. 5. Transportation of Explosives to be Followed as per Explosives Rules, 2008 and RE6 and RE13 to be maintained as per the Rules. 6. Other Permissions from the State/Central Government Authorities needed to be obtained by the Licensee/Occupier for the Transportation, Usage of Explosives. 7. Licensee/Occupier to be responsible for all activities related to the Blasting, Transportation and any other activities under Explosives Rules, 2008. के संदर्भ में यथा संशोधित कर भेजी जा रही है।  
The Licence No.: E/SC/KL/22/1105(E55915) is forwarded herewith duly amended in respect of followings;

Usage of Explosives at the Proposed Granite Building Stone Quarry of the Licensee situated at Re-Survey No.: 153/7, Wadakkancherry Vill, Thalappilly T.K, Thrissur Dt Kerala, wide the E.C No. 176/Q/2022, dated 20.10.2022 issued SEIAA, Kerala under the following conditions 1. Opening of Mines should be intimated to DGMS and Director of Mines & Geology. 2. Blasting Operations should be conducted as per Mines Act & Rules. 3. Usage of Explosives to be as per Explosives Rules, 2008 and all records to be maintained as per the Explosives Rules, 2008. 4. All unused Explosives should be returned to Explosive magazine before Sunset. 5. Transportation of Explosives to be Followed as per Explosives Rules, 2008 and RE6 and RE13 to be maintained as per the Rules. 6. Other Permissions from the State/Central Government Authorities needed to be obtained by the Licensee/Occupier for the Transportation, Usage of Explosives. 7. Licensee/Occupier to be responsible for all activities related to the Blasting, Transportation and any other activities under Explosives Rules, 2008.

किसी भी एक समय में लाइसेंस क्षमता निम्नलिखित वर्ग तथा मात्रा से अधिक नहीं होगी।

The licence capacity at any one time shall not exceed the kinds and quantities mentioned below ;

| संख्या<br>No | विस्फोटक<br>Explosive(s) | वर्ग<br>Class | प्रभाग<br>Div | उप-प्रभाग<br>Sub Div | क्षमता<br>Capacity | इकाई<br>Unit |
|--------------|--------------------------|---------------|---------------|----------------------|--------------------|--------------|
| 1            | Nitrate Mixture          | 2             | 0             | 0                    | 150                | Kg.          |
| 2            | Electric Detonators      | 6             | 3             | 0                    | 1000               | Nos.         |
| 3            | Safety Fuse              | 6             | 1             | 0                    | 2000               | Mtrs         |
| 4            | Ordinary Detonator       | 6             | 3             | 0                    | 3000               | Nos.         |

किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा (अनुच्छेद 3 (ख) और (ग) के अधीन अनुज्ञप्ति के लिए लागू) : 20 गुना  
Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)] : 20 times as above.

यह अनुज्ञप्ति दिनांक 31 मार्च 2025 तक प्रवृत्त रहेगी।

This Licence shall remain valid till 31st day of March 2025.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया विस्फोटक नियम, 2008 के नियम 112 के अंतर्गत प्रक्रिया का पालन करें। कृपया पावती दें।

For further revalidation(if required), please follow the procedure under Rule 112 of Explosives Rules, 2008. Receipt of this letter may please be acknowledged.

भवदीय | Your's faithfully

(डा.टी.एल.थनुलिंगम | Dr. T. L. THANULINGAM)

संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of Explosives

दक्षिणांचल, चेन्नै | South Circle, Chennai

प्रतिलिपि प्रेषित | Copy Forwarded to:

- उप मुख्य विस्फोटक नियंत्रक कोची  
The Dy. Chief Controller of Explosives, Kochi
- District Magistrate, THRISSUR, Kerala with reference to his Noc No: C6/23353/2009/K.Dis. Dated: 28/05/2010
- Superintendent of Police, THRISSUR, Kerala.

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

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क आदि के लिए हमारी वेबसाइट <http://peso.gov.in> देखें.)  
(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

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



(सेट VIII | Set VIII)

मैगजीन में वर्ग 1,2,3,4,5,6, और 7 के विस्फोटकों को विक्री या प्रयोग हेतु रखने के लिए प्ररूप एल.ई. 3 (अनुच्छेद 3 (ख) से (ग)) में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक द्वारा प्रदान किए जाने वाले अनुज्ञप्ति सं. E/SC/K1/22/1105(E55915) की शर्तें निम्नलिखित हैं।  
The following are the conditions of licence number E/SC/K1/22/1105(E55915) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c) ) granted by Chief controller of Explosives or Controller of Explosives.

- परिसर में किसी भी समय विस्फोटकों की मात्रा अनुज्ञापन योग्य सामर्थ्य से अधिक नहीं होगी।  
The quantity of explosives on the premises at any one time shall not exceed the licensable capacity.
- विस्फोटकों के भंडारण के लिए प्रयुक्त होने वाली मैगजीन अनुसूची III और अनुज्ञप्ति के उपाबंध में विनिर्दिष्ट सुरक्षा दूरी बनाए रखना होगा।  
The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to the licence.
- मैगजीन का प्रयोग उन सभी विस्फोटकों के, जो इस अनुज्ञप्ति में विनिर्दिष्ट है, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं।  
The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
- पैकजों को खोलने का कार्य और विस्फोटकों को तोलने तथा पैक करने का कार्य मैगजीन में नहीं किया जाएगा।  
The opening of packages and the weighing and packing of explosives shall not be carried on in the magazine.
- दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर पृथक कर दिया जाए कि किसी वजह से विस्फोटक में लगने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटक तक न पहुंच सके : परंतु -  
(घ) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पत्तीते और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेरक पत्तीते, जिनमें कोई खुला लोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थापन के रखे जा सकते हैं।  
(च) वर्ग 1 के अंतर्गत आने वाले बारूद को अलग रखा जाएगा।  
Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other; Provided that—  
(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space ;  
(e) Detonators belonging to Class 6 Division 3 shall be kept separately.  
(f) Gun powder belonging to Class 1 shall be kept separately.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुज्ञापन प्राधिकारी की विशेष मंजूरी के मैगजीन में नहीं रखा जाएगा।  
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी दे दी हो।  
(i) जब किसी मंजूरी दे दी गई हो तो प्रत्येक निरीक्षण पर किसी विस्फोटक नियंत्रक से ऐसा लिखित प्रमाणपत्र अधिप्राप्त कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आनेवाली अवधि दर्शाई की गई हो और ऐसे प्रमाणपत्र के अनुज्ञप्तिधारी अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा।  
(ii) जब कोई विस्फोटक मानक शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो ग्लाइसीरीन या द्रव नाइट्रो योगिक के निकल जाने के चिह्न प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञप्तिधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करें।  
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.  
(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.  
(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitro compound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.
- मैगजीन के भीतरी भाग या उसमें लगी बेंचो, शेल्फों और उसकी फिटिंग का इस प्रकार सन्निर्माण किया जाएगा या उन्हें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोका जा सके। भीतरी भाग में लगी बेंचो, शेल्फों और फिटिंग यथासाध्य ग्रिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सम्यक सावधानी बरती जाएगी कि वहां कोई जल मौजूद न रहे : परंतु किसी लोहे या इस्पात के खुले होने के विरुद्ध सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बाध्यकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से भिन्न कोई विस्फोटक रखा गया है।  
The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from; Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.
- यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञप्तिधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञप्तिधारी द्वारा पश्चात्तर्ती प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तडित चालक को समाधानप्रद घोषित नहीं कर देता :  
परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के किए गए सभी परीक्षणों के लिए प्रभार्य होगा :  
परंतु यह और कि यदि दो या अधिक तडित चालक एक ही मैगजीन से संबद्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तडित चालक के परीक्षण के लिए हर स्थिति में विहित की गई है।  
If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the even of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory: Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day :  
Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.
- उपयुक्त तथा जेब रहित कार्यकरण वस्तु, उपयुक्त जूतों के प्रयोग द्वारा तथा तलाशी लेकर या अन्यथा अथवा ऐसे किन्हीं साधनों द्वारा इस बाबत सम्यक उपबंध किया जाएगा कि फैक्ट्री परिसर में अग्नि, दियासलाई अथवा ऐसी कोई वस्तुएं या पदार्थ, जिससे विस्फोट हो सकता है या आग लग सकती हो, किन्तु इस शर्त के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम बत्ती का प्रवेश वर्जित नहीं है जिससे आग लगने या विस्फोट होने का खतरा न हो :  
परंतु इस शर्त का वह भाग, जो लोहे या इस्पात के अपवर्जन को लागू होता है, ऐसे किसी भवन के संबंध में बाध्य कर नहीं होगा जिससे भिन्न कोई विस्फोटक नहीं रखा गया है।  
Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching or otherwise or by such means, for preventing the introduction into danger area of the factory premises of fire, Lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or explosion: Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.



## HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

11. अनुज्ञापिधारी प्ररूप आर.ई.-3 और आर.ई.-4 या आर.ई.-5, जेसी स्थिते हो, मं सभी विस्फोटका का अभिलेख और लेखा रखेगा और विस्फोटक नियम, 2008 क अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर स्टॉक पुस्तक और अभिलेख प्रस्तुत करेगा। स्टॉक पुस्तक विहित प्रोफार्मा में पृष्ठ संख्यांकित होगी।  
The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforma shall be page numbered.
12. परिसरों में कोई परिवर्तन या तबदीली अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुज्ञापिधारी ऐसी किसी शर्त का अनुपालन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्दिष्ट करे।  
No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.
13. मैगजीन सभी समयों पर अच्छी मरम्मत की स्थिति में बनाई रखी जाएगी (या अच्छी हालत में बनाई रखी जाएगी)। यदि किसी कारणवश किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुज्ञापिधारी इस बात की सूचना अनुज्ञापन प्राधिकारी को तुरंत देगा।  
Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason whatsoever.  
The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.
14. यदि सुरक्षा दूरी का कोई अधिक्रमण होता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को आवश्यक सलाह और कार्यवाही के लिए तुरंत दी जाएगी।  
Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.
15. यदि कोई विस्फोटक विनष्ट हुआ अथवा अनुपयोगी जाया जाता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को, सलाह प्राप्त करने के लिए, तुरंत दी जाएगी।  
The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.
16. विस्फोटकों के पैकेटों के चढ़े इस प्रकार लगाए जाएंगे कि कम से कम एक व्यक्ति भण्डार किए गए सभी पैकेजों की हालत की जांच करने और प्रत्येक पैकेज की विनिर्माण विषयियों को पढ़ने के लिए उनके बीच से होकर आ जा सके।  
The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.  
The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.
17. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुष्क घास या झाड़ी या ज्वलनशील सामग्री नहीं रहने दी जाएगी।  
A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.
18. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी।  
Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.
19. किसी मैगजीन / भंडारगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा।  
Not more than 4 persons shall be allowed inside the magazine or store house at any one time.
20. विस्फोटकों के खाली पैकेजों को शीघ्रतः वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा।  
Empty packages of the explosives shall be removed at the earliest and destroyed.
21. अनुज्ञापिधारी और कर्मचारीयों को परिसर के भीतर आपातकाल के दौरान की जाने वाली प्रक्रियाओं से अवगत होना चाहिए।  
The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.
22. निरीक्षण या नमूना अधिकारी को सभी युक्तियुक्त समयों पर अनुज्ञापन परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबन्धों और सुरक्षा स्थितियों को सम्यक्तः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी।  
Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.
23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञापिधारी को अनुज्ञापन परिसरों या मशीनरी, दूत या उपकरण में ऐसी कोई मरम्मत या परिवर्तन या परिवर्तन करने या सिफारिशों को लागू करने को लिखित रूप में सूचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञापिधारी सिफारिशों को निष्पादित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा।  
If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the licence shall execute the recommendations and report compliance within the period specified by such authority.
24. अनुज्ञापिधारी मैगजीन में रखने और विक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञापन फेक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पत्तीते खरीदेगा।  
The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.
25. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले आतिशबाजियों पटाखों की विक्री और रखने के लिए –  
(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डी.बी.(ए1) या 145 डी.बी.(सी)पी.के. प्रतिबंधित होंगे;  
(ख) श्रृंखला (जुड़े हुए पटाखे) का गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 लॉग<sub>10</sub>(एन) डी.बी. (सी) पी.के. प्रतिबंधित होंगे;  
a) 125 dB(A) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;  
b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log<sub>10</sub> (N) dB, where N = number of crackers joined together.
26. आग या विस्फोट द्वारा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत पास के पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी।  
Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

### अतिरिक्त शर्तें / Additional Conditions :

1. अनुज्ञापिधारी विदेशी मूल के आतिशबाजी को ना प्रदर्शित करेगा, ना रखेगा और ना ही उसकी विक्री करेगा। The licensee shall not exhibit, possess and sell fireworks of foreign origin.

कृते संयुक्त मुख्य विस्फोटक नियंत्रक  
For Joint Chief Controller of Explosives  
दक्षिणचल, चेन्नै। South Circle, Chennai

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

Digitally signed by Dr T L THANULINGAM  
Reason: Licence No. : E/SC/KU/22/1105  
Location: Chennai [E55915]  
Date: 13-03-2024 10:28:10 AM

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## Half yearly Compliance Report

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# Ambient Air Quality Monitoring Result

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### *ANNEXURE XV*

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ENVIRODESIGNS  
**ECO LABS**  
(Food Quality / Water / Environmental Testing Lab)

ISO 9001:2015, ISO 45001:2018 Certified organisation  
Approved 'A' grade Lab by Kerala State Pollution Control Board  
Accredited Lab by NABL as per ISO 17025:2017 (Cert No: TC-7114)  
Recognised Lab by Ministry of Environment, Forests & Climate Change (Govt. of India) as per E (P) Act 1986



**TEST REPORT**

Page 1 of 2

Report No. : EEL/LR/24/0028264/884  
Issue Date : January 01, 2025

Issued To:  
Sri. V.J Chacko  
Managing Partner  
M/s. Parlikkad Granites  
Parlikkad P.O  
Thrissur District.

Customer ref: - Verbal  
Project: - Environmental Monitoring at Granite Building Stone Quarry Project of Sri. V.J Chacko,  
over an area of 0.9996 hectares in Survey No. 153/7 of Wadakkanchery Village, Thalappilly Taluk,  
Thrissur Dist., Kerala.  
Sample receipt form Ref. No. : SRF/A/12/884 dt. 27.12.2024  
Sampling done by: Lab field technicians

**Sample Particulars: Ambient Air sample**

Date of monitoring : December 26, 2024 to December 27, 2024  
Location of monitoring : Ambient Air Monitoring –North side  
Location of sampler : 3.2 m above ground level  
Sampling method : Monitoring Protocol No. EEL/ENV/MP/01  
Sample receiving date : December 27, 2024  
Analysis starting date : December 27, 2024  
Location coordinates : 10°38' 2.97" N 76°14 '26.70" E  
Tests required: For the parameters listed below, as per CPCB guidelines  
Lab identification code: A/12/884  
Analysis completion date : December 30, 2024

**SAMPLE TESTED AS RECEIVED**

| Sl. No. | Parameters                                                     | Unit              | Method                 | Result | Limit (max)* |
|---------|----------------------------------------------------------------|-------------------|------------------------|--------|--------------|
| 1.      | Particulate matter (Size less than 10µm) or PM <sub>10</sub>   | µg/m <sup>3</sup> | IS 5182(Pt 23):2006    | 72.14  | 100          |
| 2.      | Particulate matter (Size less than 2.5µm) or PM <sub>2.5</sub> | µg/m <sup>3</sup> | CPCB guidelines 2011   | 25:36  | 60           |
| 3.      | Sulphur dioxide                                                | µg/m <sup>3</sup> | IS: 5182 (Pt 2):2001   | 8.89   | 80           |
| 4.      | Nitrogen dioxide                                               | µg/m <sup>3</sup> | IS: 5182 (Pt 6): 2006  | 10.07  | 80           |
| 5.      | Carbon Monoxide (8hrs)                                         | mg/m <sup>3</sup> | IS: 5182 (Pt 10): 1999 | 0.80   | 2.0          |

Note:- \* Limit applicable for 24 hour Ambient Air Quality monitoring for Industrial, Residential, Rural and other Areas as per National Ambient Air Quality Standards 2009.



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Lab: Eco Tower, Opp. Metro Pillar No. 544, Janatha Junction., Palarivattom, Kochi - 682 025.  
Ph:0484 - 3597691, Mob:9349126109 Email: lab@enviroidesigns.in Web: www.enviroidesigns.in





ENVIRODESIGNS  
**ECO LABS**  
(Food Quality / Water / Environmental Testing Lab)



ISO 9001:2015, ISO 45001:2018 Certified organisation  
Approved 'A' grade Lab by Kerala State Pollution Control Board  
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Report No. : EEL/LR/24/0028264/884

**Weather and Meteorological Data**

Weather condition: Partly sunny

| Meteorological Parameters   | Max | Min |
|-----------------------------|-----|-----|
| Temperature ( $^{\circ}$ C) | 30  | 25  |
| Humidity (%)                | 92  | 58  |

**Instruments used for Monitoring**

- 1) Fine Particulate Sampler (FPS), Make: Envirotech Instruments Pvt. Ltd., Model : APM 550, ID. No. EEL/FPS/07
- 2) Respirable Dust Sampler (RDS), Make: Envirotech Instruments Pvt. Ltd., Model.: APM 460, ID. No.: EEL/RDS/09
- 3) NDIR Portable CO Gas Analyser, Make : ECO TECH Model : SERINUS 30 ID. No. : EEL/COA/03

....End of Report....

  
Susan Abraham  
Technical Manager  
Authorised Signatory  
Envirodesigns Eco Labs



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## Half yearly Compliance Report

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# PCB Consent

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### *ANNEXURE XVI*

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FILE NO : KSPCB/TS/ICO/10015468/2022

Date of issue : 20-12-2022



**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. : 10015468**

**Dated : 14-11-2022**

**To**

**PARLIKKAD GRANITES**

**PARLIKKAD P. O., WADAKKANCHERY, THRISSUR**

**Consent No. : KSPCB/TS/ICO/10015468/2022**

**Valid Upto : 30-09-2025**

# 1. GENERAL

1.1 This integrated consent is granted subject to the power of the Board to withdraw consent, review and make variation in or revoke all or any of the conditions as the Board deems fit

|    |                                       |                                                                                                                                       |
|----|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 1  | VALIDITY                              | 30-09-2025                                                                                                                            |
| 2  | Name and Address of the establishment | PARLIKKAD GRANITES<br>PARLIKKAD P. O., WADAKKANCHERY,<br>THRISSUR<br>E-Mail : vjchacko916@gmail.com<br>Contact Number : 9447164655    |
| 3  | Occupier Details                      | CHACKO V J<br>VADAKETHALA PANDANI HOUSE, P. O.<br>CHETTUPUZHA, THRISSUR<br>E-Mail : vjchacko916@gmail.com<br>Contact Number :         |
| 4  | Local Body                            | WADAKKANCHERY MUNICIPALITY                                                                                                            |
| 5  | Survey Number                         | 153/7-1, 153/7-3, 153/7-4                                                                                                             |
| 6  | Village                               | Paralikkadu                                                                                                                           |
| 7  | Taluk                                 | Thalappally                                                                                                                           |
| 8  | District                              | THRISSUR                                                                                                                              |
| 9  | Capital Investment(Rs in Lakhs)       | 314.0                                                                                                                                 |
| 10 | Scale                                 | Small                                                                                                                                 |
| 11 | Category                              | RED                                                                                                                                   |
| 12 | Annual fee(Rs)                        | 35000.0                                                                                                                               |
|    | Total Fee remitted(Rs)                | 157500.0                                                                                                                              |
| 13 | Activity                              | Quarrying in 0.9996 Ha of land in Survey Nos.153/7-1, 153/7-3, 153/7-4 of Wadakkanchery Village, Thalappilly Taluk, Thrissur District |
| 14 | Machinery details                     | Total power required- 1080 HP                                                                                                         |



## 2. CONDITIONS AS PER

### The Water (Prevention and Control of Pollution) Act, 1971

2.1. Sewage Effluent Treatment Plant consisting of treatment units having adequate capacity shall be made functional as per the proposal submitted along with the application, before the commissioning of the establishment. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1)(g) of the Water Act shall also be made along with.

2.2. Water Consumption: 350 lpd

2.3. Effluent Generation:-

2.4. The characteristics of effluent after treatment shall conform to the following tolerance limits:

| Sl.NO. | Characteristics | Unit | Tolerance Limit |                |
|--------|-----------------|------|-----------------|----------------|
|        |                 |      | Sewage          | Trade Effluent |
|        |                 |      |                 |                |

2.5. Mode of disposal of treated effluent:

## 3. CONDITIONS AS PER

### The Air (Prevention and Control of Pollution) Act, 1981

3.1. Adequate air pollution control measures shall be provided before the commissioning of the industry/establishment/DG set. Additional facilities required, if any, to achieve the standards laid down by the Board shall also be made along with.

| Stack No. | Sources of Emission | Emission Rate (Nm <sup>3</sup> /Hr) | Stack Height above |            | Control Equipments |
|-----------|---------------------|-------------------------------------|--------------------|------------|--------------------|
|           |                     |                                     | Ground Level       | Roof level |                    |
|           |                     |                                     |                    |            |                    |

3.2. Emission characteristics shall not exceed the following:

| Sl.No. | Parameter | Limiting Standards (mg/Nm <sup>3</sup> ) |
|--------|-----------|------------------------------------------|
|--------|-----------|------------------------------------------|

## 4. CONDITIONS AS PER

### The Environment (Protection) Act, 1986

4.1. The construction activities as well as the operation of the industry / DG set shall be carried out strictly in compliance with the provisions of the The Noise Pollution (Regulation and Control) Rules, 2000.

4.2. Used lead acid batteries, if any shall be disposed of in compliance with the provisions of the The Batteries (Management and Handling) Rules, 2001

4.3. E-waste shall be disposed of in compliance with the E-Waste (Management) Rules, 2016.

4.4. The solid waste generated shall be treated and disposed of in compliance with the provisions of the Solid Waste Management Rules, 2016.

4.5. The plastic waste generated shall be disposed of in compliance with the provisions of the Plastic Waste Management Rules, 2016.

## 5. SPECIFIC CONDITIONS

5.1. This Consent is issued based on the judgment dated 25/10/2021 of the Honourable Supreme Court in A No. 6273/2021 and connected matters, order dated 14/12/2021 of the Hon'ble Supreme Court in MA. No. 1904/2021, judgment dated 10/11/2021 of the Honorable High Court of Kerala in WP(C) 2773/2021, and judgment dated 10/12/2021 of the Honourable High Court of Kerala in WP(C) 27178/2021. This

Consent is issued subject to any order that may be passed by the Honourable Supreme Court or the Honourable NGT in the connected matters.

5.2. The applicant shall comply with the instructions that the Board may issue from time to time regarding the prevention and control of air, water, land, and sound pollution.

5.3. The quarrying area shall be as per the site plan attached. No change or alteration is to be made without the prior written permission of the Board. Any change in the particulars furnished and/or in the identity of the occupier/authorised agent is to be intimated to the Board forthwith.

5.4. A distance of a minimum of 50 m shall be available from the boundary of the quarry area to residential buildings, places of worship, public buildings, the public roads having vehicular traffic, river or lake, railway line, and bridges.

5.5. Quarrying activity shall not be carried out during night hours.

5.6. Fencing shall be provided around the boundary of the quarry and shall be maintained properly.

5.7. PM 10 in ambient air at the boundary shall not exceed 100 micro gram/m<sup>3</sup>.

5.8. PM 2.5 in ambient air at the boundary shall not exceed 60 micro gram/m<sup>3</sup>.

5.9. The sound level (Leq) at 1 m outside the boundary of the site shall not exceed the limits as per the National Ambient Air Quality Standards in respect of Noise.

5.10. The consent issued from the Board shall be valid only for a period when all other statutory or necessary clearances from other concerned authorities are valid.

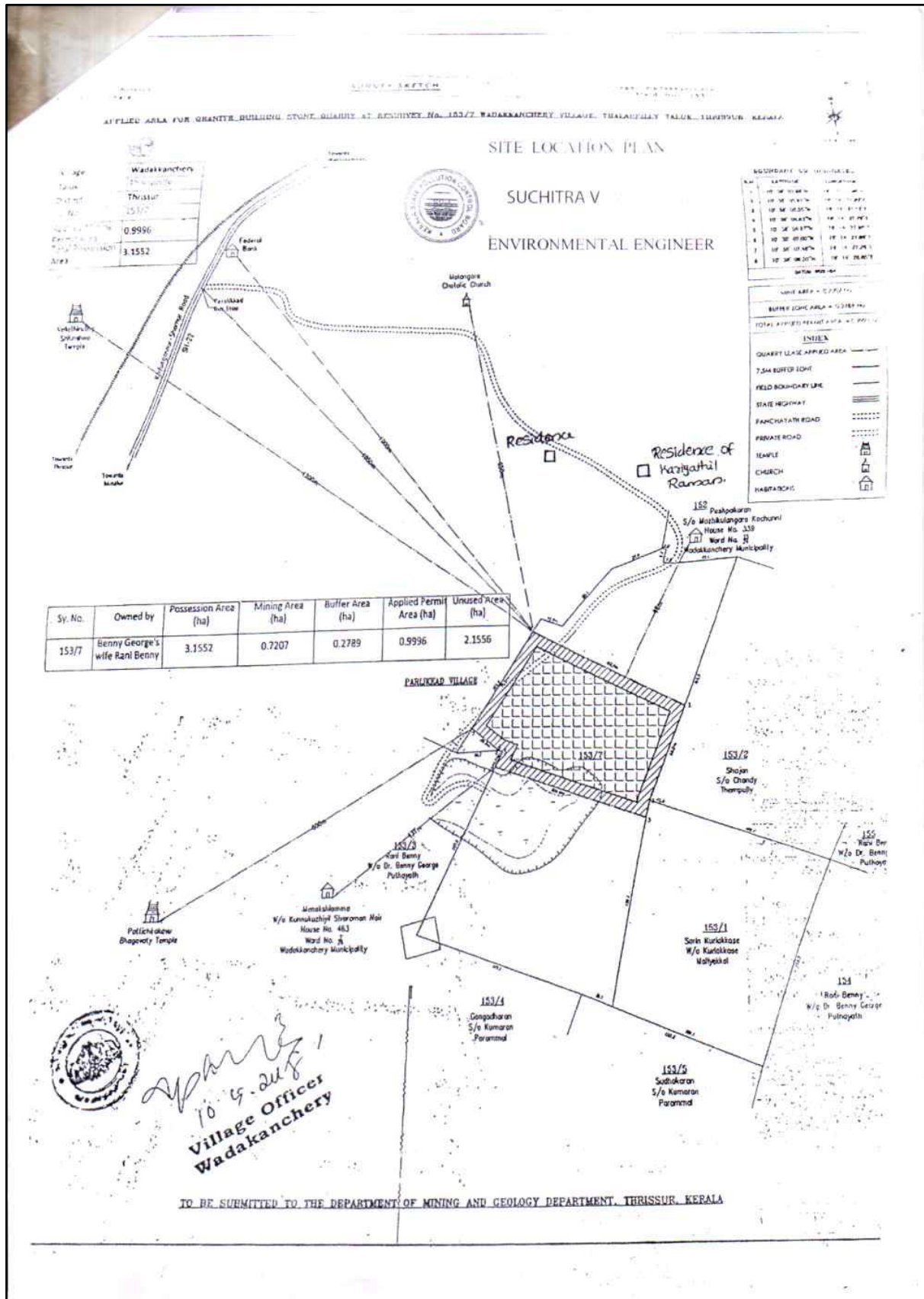
5.11. The application for renewal of consent shall be submitted online ([keralapcbonline.com](http://keralapcbonline.com)) two months in advance of the date of expiry of the validity of the consent. Late application will be accepted only with a fine as applicable.

Signature valid

Digitally signed by SUCHITRA V  
Date: 2022.12.20 13:22:05 IST

SIGNATURE OF ISSUING AUTHORITY

ENVIRONMENTAL ENGINEER



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## Half yearly Compliance Report

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# Noise Quality Monitoring Result

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### *ANNEXURE XVII*

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ENVIRODESIGNS  
**ECO LABS**  
(Food Quality / Water / Environmental Testing Lab)

ISO 9001:2015, ISO 45001:2018 Certified organisation  
Approved 'A' grade Lab by Kerala State Pollution Control Board  
Accredited Lab by NABL as per ISO 17025:2017 (Cert No: TC-7114)  
Recognised Lab by Ministry of Environment, Forests & Climate Change (Govt. of India) as per E (P) Act 1986



**NOISE LEVEL MONITORING REPORT**

Report No. : EEL/LR/24/0028265/885  
Issue Date : January 01, 2025

Issued To:  
Sri. V.J Chacko  
Managing Partner  
M/s. Parlikkad Granites  
Parlikkad P.O  
Thrissur District.

Page 1 of 2

Customer ref: - Verbal

Project: - Environmental Monitoring at Granite Building Stone Quarry Project of Sri. V.J Chacko,  
over an area of 0.9996 hectares in Survey No. 153/7 of Wadakkanchery Village, Thalappilly Taluk,  
Thrissur Dist., Kerala.

Sample receipt form Ref. No. : SRF/N/12/885 dt. 27.12.2024

Monitoring done by: Lab field technicians

**Sample Particulars: Noise Level Monitoring**

Date of monitoring : December 26, 2024 to December 27, 2024

Source of monitoring : Ambient Noise Level monitoring (North Side)

Sampling method : Monitoring Protocol No. EEL/ENV/MP/01

Lab identification code : N/12/885

Location coordinates : 10°38' 3.04" N 76°14 '26.70" E

Method Used : IS 9989:1981

Presentation of Results

| Sl. No. | Time of Monitoring(Hrs) | Value Reported in dB (A) $L_{eq}$ |
|---------|-------------------------|-----------------------------------|
| 1.      | 10.00 – 11.00           | 53.7                              |
| 2.      | 11.00 – 12.00           | 53.2                              |
| 3.      | 12.00 – 13.00           | 51.4                              |
| 4.      | 13.00 – 14.00           | 50.6                              |
| 5.      | 14.00 – 15.00           | 51.2                              |
| 6.      | 15.00 – 16.00           | 52.5                              |
| 7.      | 16.00 – 17.00           | 53.7                              |
| 8.      | 17.00 – 18.00           | 53.8                              |
| 9.      | 18.00 – 19.00           | 52.6                              |
| 10.     | 19.00 – 20.00           | 51.2                              |
| 11.     | 20.00 – 21.00           | 49.5                              |
| 12.     | 21.00 – 22.00           | 48.3                              |
| 13.     | 22.00 – 23.00           | 44.2                              |

\*This test report shall not be reproduced except in full, without the written permission of the laboratory. \* The liability of the laboratory is to the extent of the testing charges received. \*Sampling is not done by the laboratory unless specified. \*\* The above results are related only to the sample(s) tested unless the sampling is performed by the laboratory. The test report issued by the laboratory shall not be used for advertisement, litigation etc. \*The sample will be disposed of after 15 days from the date of issue of test report.



Lab: Eco Tower, Opp. Metro Pillar No. 544, Janatha Junction., Palarivattom, Kochi - 682 025.  
Ph:0484 - 3597691,Mob:9349126109 Email: lab@enviroidesigns.in Web: www.enviroidesigns.in

# HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024



ENVIRODESIGNS  
**ECO LABS**  
(Food Quality / Water / Environmental Testing Lab)

ISO 9001:2015, ISO 45001:2018 Certified organisation  
Approved 'A' grade Lab by Kerala State Pollution Control Board  
Accredited Lab by NABL as per ISO 17025:2017 (Cert No: TC-7114)  
Recognised Lab by Ministry of Environment, Forests & Climate Change (Govt. of India) as per E (P) Act 1986



Page 2 of 2

Report No. : EEL/LR/24/0028265/885

| Sl. No. | Time of Monitoring(Hrs) | Value Reported in dB (A) $L_{eq}$ |
|---------|-------------------------|-----------------------------------|
| 14.     | 23.00 – 00.00           | 42.1                              |
| 15.     | 00.00 – 01.00           | 41.2                              |
| 16.     | 01.00 – 02.00           | 42.3                              |
| 17.     | 02.00 – 03.00           | 42.1                              |
| 18.     | 03.00 – 04.00           | 43.2                              |
| 19.     | 04.00 – 05.00           | 44.1                              |
| 20.     | 05.00 – 06.00           | 44.5                              |
| 21.     | 06.00 – 07.00           | 46.4                              |
| 22.     | 07.00 – 08.00           | 48.7                              |
| 23.     | 08.00 – 09.00           | 50.8                              |
| 24.     | 09.00 – 10.00           | 51.6                              |

| Sl. No. | Location of Monitoring                              | Value Reported in dB (A) $L_{eq}$ |            |
|---------|-----------------------------------------------------|-----------------------------------|------------|
|         |                                                     | Day time                          | Night time |
| 1.      | Ambient Noise Level monitoring measured -North side | 51.2                              | 42.9       |

| LIMIT AS PER NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000 |                 |                 |                  |              |
|-------------------------------------------------------------------|-----------------|-----------------|------------------|--------------|
|                                                                   | Industrial Area | Commercial Area | Residential Area | Silence Zone |
| Day Time                                                          | 75              | 65              | 55               | 50           |
| Night Time                                                        | 70              | 55              | 45               | 40           |

Note: Day time means - 6.00 AM to 10.00 PM Night time means - 10.00 PM to 6.00 AM

## Instrument used for Monitoring

Name of Instrument : Sound Level Meter, Make: Cygnet, Model: 2511, ID No. : EEL/SLM/02

  
Susan Abraham  
Technical Manager  
Authorised Signatory  
Envirodesigns Eco Labs

....End of Report.....



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## Half yearly Compliance Report

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# Water Quality Test Result

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### *ANNEXURE XVIII*

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# HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024



## ENVIRODESIGNS ECO LABS (Food Quality / Water / Environmental Testing Lab)

ISO 9001:2015, ISO 45001:2018 Certified organisation  
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Recognised Lab by Ministry of Environment, Forests & Climate Change (Govt. of India) as per E (P) Act 1986



### TEST REPORT

Page 1 of 2

Report No. : EEL/LR/24/0028262/882  
Issue Date : January 01, 2025

Issued To:  
Sri. V.J Chacko  
Managing Partner  
M/s. Parlikkad Granites  
Parlikkad P.O  
Thrissur District.

Customer ref: - Verbal

Project: - Environmental Monitoring at Granite Building Stone Quarry Project of Sri. V.J Chacko,  
over an area of 0.9996 hectares in Survey No. 153/7 of Wadakkanchery Village, Thalappilly Taluk,  
Thrissur Dist., Kerala.

Sample receipt form Ref. No. : SRF/W/12/882 dt. 26.12.2024  
Sampling done by: Customer

#### Sample Particulars: Water sample

Sample receiving date: December 26, 2024  
Analysis starting date: December 26, 2024  
Quantity of sample received: 1L x 1  
Packaging details : Pet bottle  
GPS coordinates : 10°38' 3.07" N 76°14'26.40" E  
Physical appearance of the sample: Clear liquid  
Tests required: For the parameters listed below, as per Drinking water specification IS 10500:2012

Lab identification code: W/12/882  
Analysis completion date: January 01, 2025  
Description of sample by the customer: Water sample  
[Bore well water]

#### SAMPLE TESTED AS RECEIVED

| Sl. No. | Parameters                          | Unit            | Method                | Result         | Requirement (Acceptable limit) |
|---------|-------------------------------------|-----------------|-----------------------|----------------|--------------------------------|
| 1.      | pH at 25°C                          | ---             | IS 3025 (Pt 11):2022  | 7.2            | 6.5-8.5                        |
| 2.      | Odour                               | ---             | IS 3025 (Pt 5): 2018  | Agreeable      | Agreeable                      |
| 3.      | Colour                              | Hazen Units,max | IS 3025 (Pt 4):2021   | 3.0            | 5.0                            |
| 4.      | Turbidity                           | NTU,max         | IS 3025 (Pt 10):1984  | BDL(MDL-0.5)   | 1.0                            |
| 5.      | Total Dissolved Solids              | mg/l,max        | IS 3025(Pt 16):2023   | 130            | 500                            |
| 6.      | Total Hardness as CaCO <sub>3</sub> | mg/l,max        | IS 3025 (Pt 21):2009  | 80             | 200                            |
| 7.      | Chloride as Cl                      | mg/l,max        | IS 3025(Pt 32):1988   | 33.75          | 250                            |
| 8.      | Sulphate as SO <sub>4</sub>         | mg/l,max        | IS 3025(Pt 24):2022   | 2.55           | 200                            |
| 9.      | Alkalinity as CaCO <sub>3</sub>     | mg/l,max        | IS 3025(Pt 23):1986   | 44.66          | 200                            |
| 10.     | Iron as Fe                          | mg/l,max        | IS 3025 (Pt 53):2003  | 0.06           | 1.0                            |
| 11.     | Calcium as Ca                       | mg/l,max        | IS 3025(Pt 40):1991   | 24.05          | 75                             |
| 12.     | Magnesium as Mg                     | mg/l,max        | IS 3025(Pt 46):1994   | 4.86           | 30                             |
| 13.     | Free Residual Chlorine              | mg/l,min        | IS 3025 (Pt 26):2021  | BDL(MDL-0.1)   | 0.2                            |
| 14.     | Fluoride as F                       | mg/l,max        | IS 3025(Pt 60):2008   | BDL(MDL-0.2)   | 1.0                            |
| 15.     | Manganese as Mn                     | mg/l,max        | IS 3025 (Pt 2) : 2019 | BDL(MDL-0.01)  | 0.1                            |
| 16.     | Zinc as Zn                          | mg/l,max        | IS 3025 (Pt 2) : 2019 | BDL(MDL-0.01)  | 5.0                            |
| 17.     | Cadmium as Cd                       | mg/l,max        | IS 3025 (Pt 2) : 2019 | BDL(MDL-0.001) | 0.003                          |
| 18.     | Lead as Pb                          | mg/l,max        | IS 3025 (Pt 2) : 2019 | BDL(MDL-0.005) | 0.01                           |

Note:- BDL: Below Detection Limit

MDL: Minimum Detection Limit

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Page 2 of 2

Report No. : EEL/LR/24/0028262/882

| Sl. No. | Parameters                                       | Method         | Result | Requirement                                 |
|---------|--------------------------------------------------|----------------|--------|---------------------------------------------|
| 1.      | Total coliform bacteria/100ml                    | IS 15185 :2016 | Absent | Shall not be detectable in any 100ml sample |
| 2.      | E.coli or thermotolerant coliform bacteria/100ml | IS 15185 :2016 | Absent | Shall not be detectable in any 100ml sample |

....End of Report....

  
Susan Abraham  
Technical Manager  
Authorised Signatory  
Envirodesigns Eco Labs

  
Jesty M. T.  
Dy.Tech. Manager-Microbiology  
Authorised Signatory  
Envirodesigns Eco Labs



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## Half yearly Compliance Report

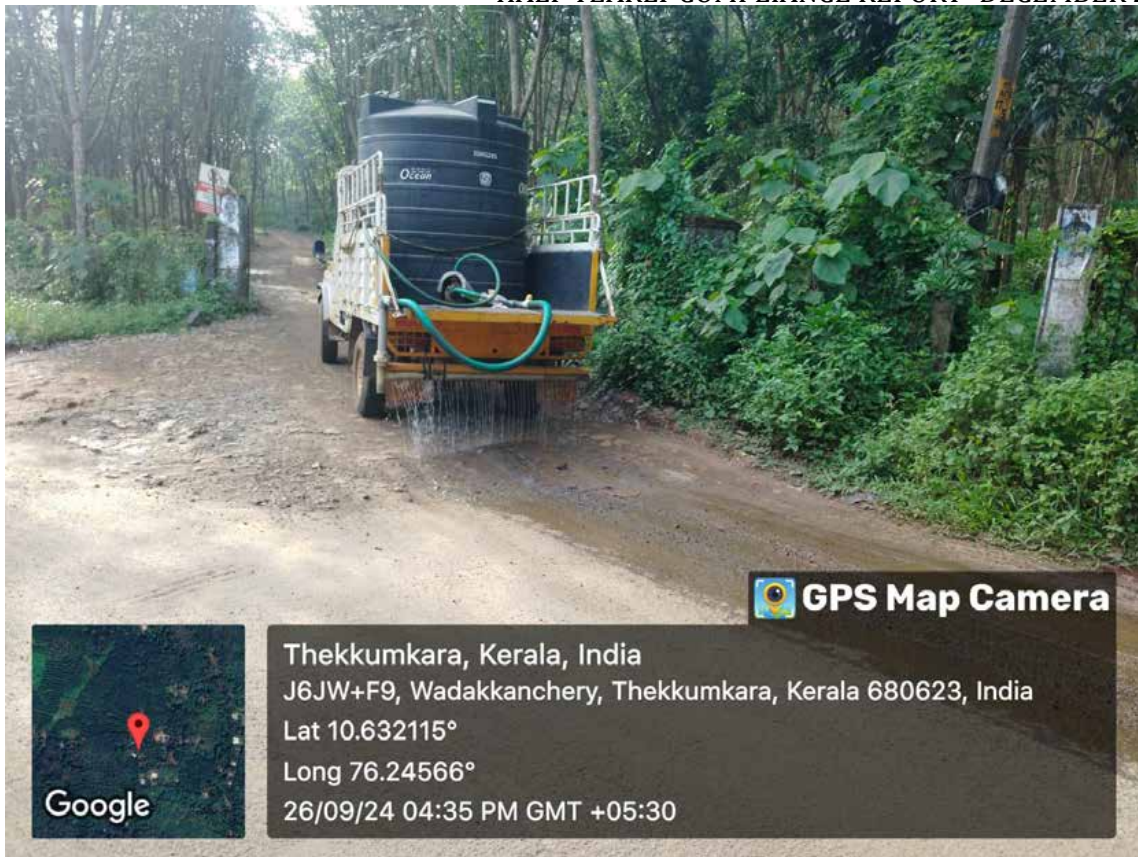
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# Photographs of Tanker for Water Sprinkling

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### *ANNEXURE XIX*

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## Half yearly Compliance Report

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Photographs of Water  
Sprinklers at project site,  
parking area, on haul  
roads, loading and  
unloading and at  
transport points

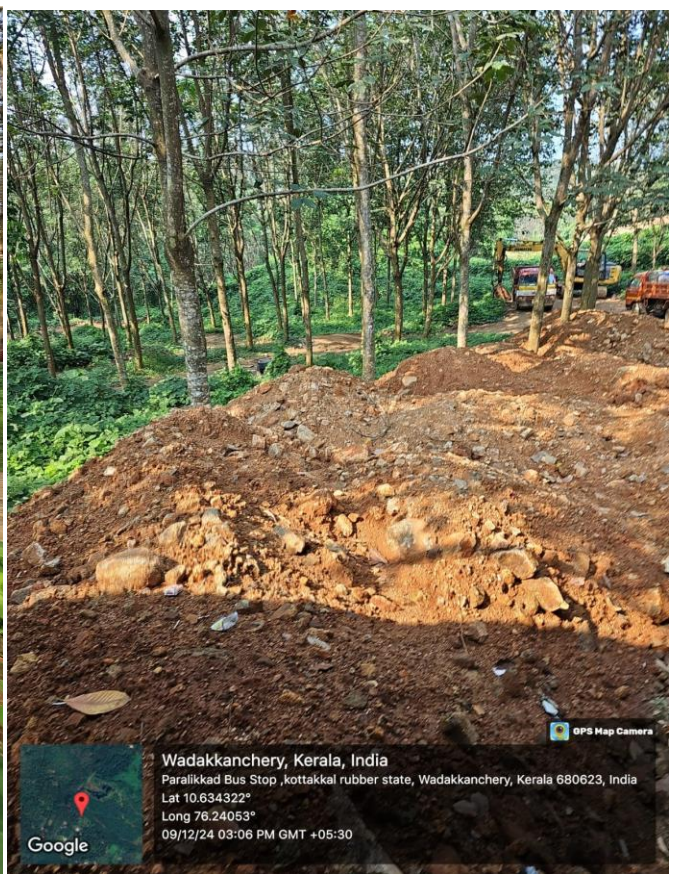
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*ANNEXURE XX*

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## HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024





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## Half yearly Compliance Report

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# Protective Equipment's and Boards

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### *ANNEXURE XXI*

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**WORKERS USING PPE DURING THEIR WORK**





**USING BLAST MATS WHILE BLASTING**









Parlikad, Kerala, India  
J6pr+grg, Parlikad, Wadakkanchery, Kerala 680623,  
India  
Lat 10.63546° Long 76.241494°  
09/12/24 04:10 PM GMT +05:30

GPS Map Camera





EC CONDITIONS DISPLAYED AT SITE



EC DETAILS AT SITE

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## Half yearly Compliance Report

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# Health Surveillance Programme Report of Labours (Physical Fitness Certificate)

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### *ANNEXURE XXII*

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**PHYSICAL FITNESS CERTIFICATE**  
(Rule 13 part 1 KSR )  
(G.O.(P) No. 20/2011 /P & ARD dated 30-06-2011)

NO: 888/24

JUNIOR MEDICAL CONSULTANT  
DISTRICT HOSPITAL  
WADAKKANCHERY, KULIYAN  
KANELLUR - 680 590

PHOTO

I do hereby certify that I have examined Shri / Smt. Kunnath velappan C.D. Desamangalan  
A candidate for employment in the Kallumpara  
Department and cannot discover that he /she has any disease, bodily or constitutional affection  
except .....  
I do not consider this a disqualification for the post of .....  
His /her age is according to his /her own statement is 52 .....  
years and by appearance 52 .....year  
He /she has normal distant vision (..... 6/6 ..... 6/6 .....)  
and he /she is free from colour blindnesses .  
He /she has been vaccinated /re - vaccinated or bears marks of successful vaccination

Identification marks :

1 Scar made on (L) fore arm  
2 Scar made on (L) hand

Physical Measurement :


Height : 5'2  
Weight : 72  
Chest -Normal : 82  
Expanded : 87

Left hand thumb impression

Signature of medical Officer  
Dr. S. S. S. S.  
JUNIOR MEDICAL CONSULTANT  
DISTRICT HOSPITAL  
WADAKKANCHERY, KULIYAN  
KANELLUR - 680 590

In the case of Post such as Police Constable , Ex - Guard , Jail Warder , etc

**PHYSICAL FITNESS CERTIFICATE**  
(Rule 13 part 1 KSR)  
(G.O.(P) No. 20/2011 /P & ARD dated 30-06-2011)

  
Dr. DEEPAK S.  
MBBS, MD (General Medicine)  
Reg. No. 34806

I do hereby certify that I have examined Shri/Smt VINU

A candidate for employment in the Guaranteed Kallampara  
Department and cannot discover that he/she has any disease, bodily or constitutional affection  
except none

I do not consider this a disqualification for the post of Worker

His/her age is according to his/her own statement is 52  
years and by appearance 52 year

He/she has normal distant vision (6/6 both eyes)  
and he/she is free from colour blindness.

He/she has been vaccinated /re - vaccinated or bears marks of successful vaccination

**Identification marks :**

1 Star on left forearm

2 Star on right upper chest

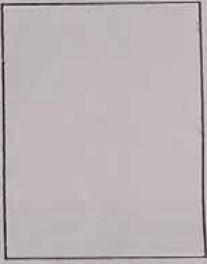
**Physical Measurement :**


Height :

Weight :

Chest -Normal :

Expanded :


  
Left hand thumb  
impression



Signature of medical Officer Dr. Deepak S.  
2/12/24  
MBBS, MD (General Medicine)  
Reg. No. 34806

In the case of Post such as Police Constable, Excise Guard, Jail Warder etc.


**PHYSICAL FITNESS CERTIFICATE**  
(Rule 13 part 1 KSR)  
(G.O.(P) No. 20/2011 /P & ARD dated 30-06-2011)



I do hereby certify that I have examined Subal Singh  
Paralikkad  
 A candidate for employment in the Gram Panchayat  
 Department and cannot discover that he/she has any disease, bodily or constitutional affection  
 except .....  
 I do not consider this a disqualification for the post of.....  
 His/her age is according to his/her own statement is 31  
 years and by appearance 31 year  
 He/she has normal distant vision (6/6 6/6)  
 and he/she is free from colour blindnesses.  
 He/she has been vaccinated /re-vaccinated or bears marks of successful vaccination  
 Identification marks :  
 1 Black mol on nose  
 2 Scar on abdomen  
 Physical Measurement :  
 Height : 5'2  
 Weight : 60  
 Chest -Normal : 80  
 Expanded : 85  
 Left hand thumb impression  
 Signature of medical Officer  
Dr. S. S. S. S.  
 JUNIOR MEDICAL CONSULTANT  
 DISTRICT HOSPITAL  
 WADAKKANCHERY, KUMARANGAL, ANELLUR  
 THRISSUR - 686 590  
 In the case of Post such as Police Constable, Excise Guard, Jail Warder etc



**PHYSICAL FITNESS CERTIFICATE**  
(Rule 13 part 1 KSR)  
(G.O.(P) No. 20/2011 /P & ARD dated 30-06-2011)



I do here by certify that I have examined Shri. Onra JUNIOR MEDICAL CONSULTANT  
DISTRICT HOSPITAL  
WADAKKANCHERY, K.L. PARANELLUR - 600 590

A candidate for employment in the .....  
Department and cannot discover that he/she has any disease, bodily or constitutional affection  
except .....

I do not consider this a disqualification for the post of .....

His/her age is according to his/her own statement is 32 .....  
years and by appearance 32 ..... year

He/she has normal distant vision (..... 6/6 ..... 6/6 .....)  
and he/she is free from colour blindnees .

He/she has been vaccinated /re - vaccinated or bears marks of successful vaccination

Identification marks :

1 Black mark on @ - hand

2

Left hand thumb  
impression


**Physical Measurement :**

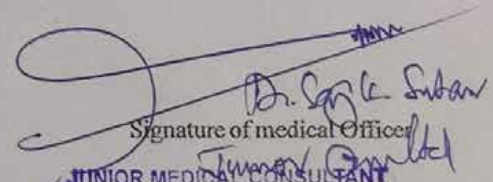
Height : 5'2

Weight : 64

Chest -Normal : 82



Expanded : 87



  
 Signature of medical Officer  
 JUNIOR MEDICAL CONSULTANT  
 DISTRICT HOSPITAL  
 WADAKKANCHERY, K.L. PARANELLUR - 600 590

In the case of Post such as Police Constable , Excise Guard , Jail Warder etc

**PHYSICAL FITNESS CERTIFICATE**  
(Rule 13 part 1 KSR )  
(G.O.(P) No. 20/2011 /P & ARD dated 30-06-2011)

JUNIOR MEDICAL OFFICER  
DISTRICT HOSPITAL  
WADAKKANCHERY, KUMARAKUDI  
THIRUVANANTHAPURAM

I do here by certify that I have examined Shri / Smt. Padana Kannan

A candidate for employment in the Jamir Department and cannot discover that he/she has any disease, bodily or constitutional affection except .....

I do not consider this a disqualification for the post of .....

His/her age is according to his/her own statement is 34 years and by appearance 34 year

He/she has normal distant vision ( 6/6 ) and he/she is free from colour blindness . 6/6

He/she has been vaccinated /re - vaccinated or bears marks of successful vaccination

Identification marks :

- Scar mark on the back
- Black mark on Side Chest

Left hand thumb impression


**Physical Measurement :**

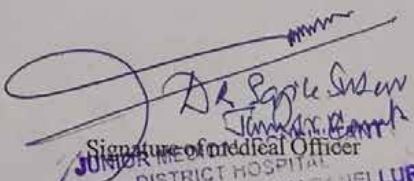
Height : 154 cm

Weight : 41 kg

Chest - Normal : .....

Expanded : .....



  
 Signature of Medical Officer  
 JUNIOR MEDICAL OFFICER  
 DISTRICT HOSPITAL  
 WADAKKANCHERY, KUMARAKUDI  
 THIRUVANANTHAPURAM

In the case of Post such as Police Constable , Excise Guard , Jail Warder etc .

## HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

WITH YOU ALWAYS

**11. Period of Insurance:**  
From 00:00 Hrs of 02/12/2024 to midnight of 01/12/2025 (both days inclusive)

**12. Premium Details:**

|                   |        |
|-------------------|--------|
| Net Premium (Rs): | 9,647  |
| UGST/SGST @ 9%    | 868    |
| CGST @ 9%         | 868    |
| Stamp Duty        | 4.85   |
| Total Premium     | 11,388 |

Gross Premium (In Words): Rupees Eleven Thousand Three Hundred Eighty-Seven And Eighty-Five Paise And Paise Zero Only

**13. Details of Employees Covered:**  
Refer Annexure "W"

**14. Subject to following clauses:**

**Special conditions:**

- 1 Warranted that workers involved in underground work such as mines, tunneling, etc. and/or blasting are not covered.
- 2
- 3 Jurisdiction - India
- 4 Subject additionally to the following conditions, limitations, warranties.
- 5 Including cover for Contractor and sub contractor workers
- 6 Including Medical expenses upto INR 100000 per person
- 7 Loss History for last 3 years: - no

Subject to terms and Conditions of Employees Compensation insurance Policy wordings attached herewith.

Stamp Duty of Rs.4.85/- is paid as provided under Article 47(CC) of Indian Stamp Act, 1899 and included in Consolidated Stamp Duty Paid to the Government of Maharashtra Treasury vide Order of Addl. Controller Of Stamps, Mumbai at General Stamp Office, Fort, Mumbai - 400001., vide this Order No. LOA/ENF1/CSD/55/2024/4453 Validity Period Dt.23/09/2024 To Dt.13/09/2027/4453 Date:06/09/2024

Date: 02/12/2024

This Policy and its conditions should be examined, and if incorrect returned at once for alteration. Every change affecting the risks insured by this Policy must be immediately advised to the Company. Failure to do this might result in the insurance ceasing to be of effect. The Policy is not transferable from the Insured to any person unless the Company's written consent has been obtained. Notice should be given as soon as practicable but not exceeding 30 days.

For policy wordings, please scan the QR code

**For Tata AIG General Insurance Company Ltd.**

Signature Not Verified

Digitally signed by: Shammii Kapoor  
Date: 2024.12.02 21:03:36 +05:30  
Location: Mumbai

**Authorized Signatory**

Policy servicing address  
GLOBAL PLAZA , 1ST FLOOR VANICHIKKULAM ROAD POTHOLE, THRISSUR, KERALA THRISSUR-680004 KERALA

Insurance is the subject matter of the solicitation. For more details on risk factors, terms and conditions, please read sales brochure carefully before concluding a sale.

**Tata AIG General Insurance Company Limited.**  
Regd Office: 15th Floor, Tower A, Peninsula Business Park, G. K. Marg, Lower Parel, Mumbai - 400 013, Maharashtra, India  
Toll Free No. (24x7): 1800 266 7780 | Email: customersupport@tataaig.com  
IRDA of India Registration No: 108 | Website: [www.tataaig.com](http://www.tataaig.com) | CIN: U85110MH2000PLC128425 | PAN: AABCT3518Q | UIN: IRDAN108CP0011V02202122



# INSURANCE POLICY DOCUMENT

**EMPLOYEES COMPENSATION INSURANCE**  
**POLICY SCHEDULE**  
(Forming part of Policy no. 5190047317 whose terms are attached herewith)

1. Intermediary name: SIYA MANOJ
2. Intermediary License Number: AGINBICPS0431E
3. Intermediary Code: 2585660000
4. Intermediary Contact No: 9946355591
5. Policy Issuing Office: THRISSUR
6. Insured Name: PARLIKAD GRANITES
7. Insured Address: OLD 13/340A NEW NO 24/322A SURVEY  
7/153, 24/322A SURVEY NO 7/153,  
UNNAMED ROAD, AYURYOGASHRAM, PARLIKAD  
THRISSUR-680601  
THRISSUR  
KERALA  
INDIA
- Place of Supply : KERALA  
State Code : 32
8. Nature Of Business  
Quarries and crusher
9. GSTIN of the Insured: 32ABDFP4141K1ZE
10. Laws: The Policy covers Liability of the Insured under the following Law(s) shown as covered, subject to claim being otherwise admissible as per terms, conditions and exclusions of the Policy and subject to Limit of Indemnity as stipulated against each Law:

|       | <u>LAW</u>                                                                                                    | <u>LIMIT OF INDEMNITY</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <u>COVERAGE</u> |
|-------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 10(a) | Employee's Compensation Act, 1923 and subsequent amendments thereof prior to the date of issue of this Policy | Subject otherwise, to the terms, conditions & Exclusions of the Policy, the amount of liability incurred by the Insured.                                                                                                                                                                                                                                                                                                                                                            | Yes             |
| 10(b) | Fatal Accident Act, 1855 and subsequent amendments thereof prior to the date of issue of this Policy          | Subject otherwise, to the terms, conditions & Exclusions of the Policy, the amount of liability incurred by the Insured.                                                                                                                                                                                                                                                                                                                                                            | Yes             |
| 10(c) | Common Law                                                                                                    | Subject otherwise, to the terms, conditions & Exclusions of the Policy, the amount of liability incurred by the Insured, but not exceeding:-<br><br>a) Limit Per Employee for any number of accidents during Period of Insurance<br>Rs. <u>Not applicable</u><br><br>b) Limit Per Accident for any number of Employees<br>Rs. <u>Not applicable</u><br><br>c) Aggregate Limit for all accidents and claims arising therefrom during the Period of Insurance<br>Rs. <u>750000000</u> | Yes             |

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 India Registration No: 108 | Website: www.tataaig.com | CIN: U85110MH2000PLC128425 | PAN: AABCT3518Q | UIN: IRDAN108CP0011V02202122

## HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

| RECEIPT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |                                                     |                                      |         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------|--------------------------------------|---------|
| Receipt No : 109391091914013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | Receipt Date : 02/12/2024<br>Policy No : 5190047317 |                                      |         |
| Received with thanks from PARLIKAD GRANITES a sum of Rs. 11389( Rupees Eleven Thousand Three Hundred Eighty-Nine And Paise Zero Only)vide Credit / Debit Card No 9999XXXXXXX dated 02/12/2024 Name as in credit/debit card - drawn on PAYABLE AT PAR branch towards                                                                                                                                                                                                                                                                                                                                                                                                              |               |                                                     |                                      |         |
| Sl.No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Policy Number | Total Premium                                       | Utilized from the receipt for policy | Balance |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5190047317    | 11387.85                                            | 11388                                | 1       |
| <p>Note:</p> <ol style="list-style-type: none"><li>1. This is a computer generated receipt and does not require a signature.</li><li>2. Upon issuance of this Receipt, all previously issued temporary receipts, if any, related to this Policy shall be considered null and avoid.</li><li>3. Amounts received by cheque shall be subject to realisation.</li><li>4. Any amount received in excess of the Premium is being/shall be refunded by the Company.</li></ol> <p><b>GSTIN NO: GSTIN: 32AABCT3518Q1Z5-THRISSUR , SAC CODE: 997137</b></p> <p>Revenue (Consolidated) Stamp Duty paid vide challan No. LOA/ENF1/CSD/30/2024/2807 date 09/07/2024 for applicable cases</p> |               |                                                     |                                      |         |

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**TATA AIG General Insurance Company Limited**

Registered office : Peninsula Business Park, Tower A, 15th Floor, G.K Marg, Lower Parel, Mumbai-400013  
24\*7 Toll free Number : 1800 266 7780 Email : customersupport@tataaig.com website : www.tataaig.com  
IRDA of India Registration No : 108 CIN : U85110MH2000PLC128425 PAN : AABCT3518Q UIN : IRDAN108CP0011V02202122

WITH YOU ALWAYS

### EMPLOYEES COMPENSATION INSURANCE PROPOSAL FORM

If at any time during the Period of Insurance any Employee of the Insured so declared shall sustain injury by accident arising out of and in the course of his employment in the Business, Indemnity shall be under Law(s) opted for, subject to the terms, exceptions and conditions contained in the Policy wordings or endorsed hereon, upto the Limit of Indemnity against all sums for which the Insured shall be so liable which is agreed by the Insurer and mentioned on the Policy Schedule

Proposer's name in full : PARLIKAD GRANITES

Proposer's business [Correspondence] address: OLD 13/340A NEW NO 24/322A SURVEY, OLD 13/340A NEW NO 24/322A SURVEY, UNNAMED ROAD, AYURYOGASHRAM, PARLIKAD,, THRISSUR-680601, THRISSUR, KERALA

Proposer's trade or occupation: As Per Annexure

Particulars of work to be covered in Detail:  
Quarries and crusher

Risk Location address(s)  
Location 1 PARLIKAD GRANITES ,OLD 13/340A NEW No 24/322A SURVEY, 7/153, 24/322A SURVEY NO 7/153,, Unnamed Road, Ayuryogashram, Any Where in kerala , , TALAPPILLY, 680601, THRISSUR, KERALA, INDIA

Policy Period: From :02/12/2024 To 01/12/2025

#### COVERAGE'S REQUIRED

| Coverage                        | Scope of coverage                                                                                                                          | Aggregate Limit of Indemnity                                                                                                                                                                                                                                                                                    | Coverage Options (Yes/No) |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| <b>Employees Compensation</b>   | Subject otherwise, to the terms, conditions & Exclusions of the Policy, the amount of liability incurred by the Insured.                   | Limit: As per Employees Compensation Act                                                                                                                                                                                                                                                                        | Yes                       |
| <b>Fatal Accident Act, 1855</b> | Subject otherwise, to the terms, conditions & Exclusions of the Policy, the amount of liability incurred by the Insured.                   | Limit: As per Fatal Accident Act                                                                                                                                                                                                                                                                                | Yes                       |
| <b>Common Law</b>               | Subject otherwise, to the terms, conditions & Exclusions of the Policy, the amount of liability incurred by the Insured but not exceeding: | a) Limit Per Employee for any number of accidents during Period of Insurance Rs. <u>Not applicable</u><br>b) Limit Per Accident for any number of Employees Rs. <u>Not applicable</u><br>c) Aggregate Limit for all accidents and claims arising there from during the Period of Insurance Rs. <u>750000000</u> | Yes                       |
| <b>Medical Expenses:</b>        | Subject otherwise, to the terms, conditions & Exclusions of the Policy, the amount of liability incurred by the Insured but not exceeding: | d) Limit Per Employee for any number of accidents during Period of Insurance Rs. 100000<br>e) Aggregate liability for all accidents during the Period of Insurance Rs. 0<br>Medical Expenses as per actual - No                                                                                                 |                           |
| <b>Occupational Diseases</b>    |                                                                                                                                            | f) Limit Per Employee Rs. 0<br>g) Aggregate liability of the company for all employees during the Period of 0                                                                                                                                                                                                   |                           |
| <b>Contractors Employees</b>    |                                                                                                                                            | Limit: As per Employees Compensation Act                                                                                                                                                                                                                                                                        |                           |

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## HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

### ALL PERSONS EMPLOYED MUST BE INCLUDED

**\*Wages** means the remuneration payable to an Employee by the insured for the employment in the Business and includes any privilege or benefit which is capable of being estimated in money other than a travelling allowance or the value of any travelling concession or a contribution paid by the employer of a employee towards any pension or provident fund or a sum paid to a employee to cover any special expenses entailed on him by the nature of his employment;

#### OWN EMPLOYEE DETAILS\*\*

| Description of Employees | Declared Number of Employees | Total Declared Wages during the period of Insurance | Place/Places of Employment |
|--------------------------|------------------------------|-----------------------------------------------------|----------------------------|
| As per Annexure          | As Per Annexure              | As Per Annexure                                     | As Per Annexure            |

|                                                                                                                                                                                |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <b>Does the above, schedule include-</b><br>(a) All Persons in your service?<br>(b) All your contractors/subcontractors?                                                       | YES |
| Do you comply with all statutory obligations, manufacturer's recommendations and other safety regulations in conduct of the Business.                                          |     |
| Do you maintain an accurate record of the Employees and Wages in respect of the Business in compliance with all statutory requirements.                                        |     |
| Are you at present insured or have you ever proposed for an insurance in respect of your liability to your employees? If so, please give the name of the Company or Companies. |     |
| Has any proposal for an insurance in respect of your liability to your employees or renewal thereof ever been declined or withdrawn?                                           |     |

State the total Wages paid and particulars of accidents to your contractors employees during the past three years

| Years [Past 3 years from this date] | Wages Paid | Amount of Loss |
|-------------------------------------|------------|----------------|
|                                     |            |                |
|                                     |            |                |
|                                     |            |                |

#### DECLARATION

I/We the undersigned this.....day of.....20..... desire to effect an insurance in terms of the Policy to be issued by the company against my/our Statutory, Common Law liability and other covers above mentioned.

I/We hereby declare that all the above statements and particulars, which I/We have read over, checked, are true that I/We have not suppressed misrepresented or mis-stated any material fact, that I/We have fairly declared my/our total wages and salaries expenditure and I/We agree that this declaration shall be the basis of the contract between me/us and the .....Company.

I/We also agree to inform Company any changes in any respect of any material matter to the grant of a cover in this proposal form/documents/risk proposed for insurance after the submission of this Proposal form.

I/We also agree that the contract of Insurance will be effective only upon Company conveying its acceptance of this proposal, and Company actually receiving or realizing [in case of payment by cheque/DD/PO] of prescribed premium amount, falling which Company's risk is void ab initio.

I/We undertake to exercise all statutory, ordinary and reasonable precautions for safety of all the Employees as if they were uninsured.

Date: 02/12/2024

Signature of Proposer PARLIKAD GRANITES

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#### Tata AIG General Insurance Company Limited.

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## HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

WITH YOU

I/We hereby declare that the statements made by me/us herein and in the attachments hereto are true to the best of my knowledge and belief and I/We hereby agree that this Proposal shall from the basis of the insurance contract between me/us and Tata AIG General Insurance Company Limited (referred as the Company). I/We further confirm that if any additions or alterations are carried out in the risk proposed for insurance hereinafter the submission of this proposal then particulars of such shall be forthwith conveyed to the Company. I/We further agree that the submission of this Proposal to the Company and its receipt there of shall not constitute an acceptance of risk by the Company.

The content of this form along with product benefits, terms/conditions and exclusions have been clearly explained to me, I/we have understood these and confirm to abide by the policy terms & conditions

Signature of the Proposer: \_\_\_\_\_

Name & Signature of agent/intermediary: \_\_\_\_\_

Code: \_\_\_\_\_

**Vernacular Declaration (Certification in case the proposer has signed in vernacular/thumb print):**

The content of this form along with product benefits, terms/conditions and exclusions have been clearly explained by me in vernacular to the proposer who has understood and confirmed the same.

Signature/Thumb impression of the Proposer: \_\_\_\_\_

Name & Signature of agent/intermediary: \_\_\_\_\_

**AML Guidelines**

I/we hereby confirm that all premiums have been/will be paid from bonafide sources and no premiums have been/will be paid out of proceeds of crime related to any of the offence listed in Prevention of Money Laundering Act, 2002. I understand that the Company has the right to call for documents to establish sources of funds. The insurance company has right to cancel the insurance contract in case I am/ have been found guilty by any competent court of law under any of the statutes, directly or indirectly governing the prevention of money laundering in India.

|                      |              |                    |                                        |
|----------------------|--------------|--------------------|----------------------------------------|
| Nationality : Indian | Non-Indian   | If Non-Indian,     | please specify Country : _____         |
| Type of Organization | Cooperatives | Governments        | Non Governmental Organizations Society |
|                      | Trust        | Partnership        | International Organization             |
|                      | Corporations | Section 25 Company |                                        |

**Intermediary Declaration**

I, \_\_\_\_\_ (Full Name) in my capacity as an Insurance Advisor/ Specified Person of the Corporate Agent/Authorized employee of the Broker/Relationship Officer, do hereby declare that I have explained all the contents of this Proposal Form, including the nature of the questions contained in this Proposal Form to the Proposer including statements, information and response(s) submitted by him /her in this Proposal Form to questions contained herein or any details sought herein will form the basis of the Contract of Insurance between the Company and the Proposer, if this Proposal is accepted by the Company for issuance of the Policy. I have further explained that if any untrue statements/information/response(s) is/are contained in this Proposal Form/including addendums, affidavits, statement, submissions, furnished/to be furnished, the Company shall have the right to vary the benefits which may be payable and further more if there has been a non – disclosure of any material fact, the policy issued to his/her favor pursuant to this Proposal may be treated by the Company as null and void and all premiums paid under the policy may be forfeited to the Company

License No. (Intermediary/Corporate Agent/Broker/Relationship Office) \_\_\_\_\_

Name of the specified person and code: \_\_\_\_\_

Place: \_\_\_\_\_

Date: \_\_\_\_\_

**Signature of Intermediary**

I/We the undersigned this \_\_\_\_ of \_\_\_\_ desire to effect an insurance in terms of the Policy to be issued by the Company against my/our Statutory and Common Law Liability. I/We agree to render, at the end of each period of Insurance, a statement in the form required by the Company of all wages actually paid, and to pay premium on any wages paid in excess of the amount estimated above, I/We hereby declare that all the above statements and particulars which I/We have read over checked, are true that I/We have not suppressed misrepresented or mis stated any material fact, that I/We have fairly estimated my/our total wages and salaries expenditure and I/We agree that this declaration shall be the basis of the contract between me/us and the Company.

Date: \_\_\_\_\_ Signature of Propose: \_\_\_\_\_

**Prohibition of Rebates - Section 41 of the Insurance Act, 1938 as amended by Insurance Laws (Amendment) Act, 2015**

1. No person shall allow or offer to allow either directly or indirectly as inducement to any Person to take or renew or continue an Insurance in respect of any kind of risk relating to lives or property in India any rebate of the whole or part of the commission payable or any rebate of the premium shown on the Policy, not shall any person taking out or renewing or continuing a Policy accept such a rebate except such rebate as may be allowed in accordance with the published prospectuses or tables of the Insurer

2. Any Person making default in complying with the provision of this section shall be punishable with fine which may extend to Ten Lakh Rupees.

**Section 64 VB of the Insurance Act 1938** Commencement of risk cover under the policy is subject to receipt of premium by Tata AIG General Insurance Company Limited

**Disclaimer:** Insurance is the subject matter of solicitation. For more details on benefits, exclusions, limitations, terms and conditions, please refer sales brochure / policy wordings carefully, before concluding a sale.

Insurance is the subject matter of the solicitation. For more details on risk factors, terms and conditions, please read sales brochure carefully before concluding a sale.

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# HALF YEARLY COMPLIANCE REPORT- DECEMBER 2024

**ANNEXURE "W" to COVERAGE SECTION "W"**  
Attached to and forming part of the Policy No. 5190047317

Insured: PARLIKAD GRANITES

Annexure Format for Unnamed policy type :

| Description of work done by Employees | Declared Number of Employees | Declared Wages during the Period of Insurance | Place/Places of Employment                                                                                                                                                                          |
|---------------------------------------|------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| super visor                           | 1                            | 3,60,000                                      | PARLIKAD GRANITES ,OLD<br>13/340A NEW No 24/322A<br>SURVEY 7/153, 24/322A<br>SURVEYY NO 7/153,Unnamed<br>Road, Ayuryogashram, Any<br>Where in kerala<br>680601KERALATALAPPILLYTAL<br>APPILLY,KERALA |
| Driver                                | 1                            | 3,00,000                                      | PARLIKAD GRANITES ,OLD<br>13/340A NEW No 24/322A<br>SURVEY 7/153, 24/322A<br>SURVEYY NO 7/153,Unnamed<br>Road, Ayuryogashram, Any<br>Where in kerala<br>680601KERALATALAPPILLYTAL<br>APPILLY,KERALA |
| workers                               | 7                            | 21,00,000                                     | PARLIKAD GRANITES ,OLD<br>13/340A NEW No 24/322A<br>SURVEY 7/153, 24/322A<br>SURVEYY NO 7/153,Unnamed<br>Road, Ayuryogashram, Any<br>Where in kerala<br>680601KERALATALAPPILLYTAL<br>APPILLY,KERALA |
| Office Staff                          | 1                            | 1,80,000                                      | PARLIKAD GRANITES ,OLD<br>13/340A NEW No 24/322A<br>SURVEY 7/153, 24/322A<br>SURVEYY NO 7/153,Unnamed<br>Road, Ayuryogashram, Any<br>Where in kerala<br>680601KERALATALAPPILLYTAL<br>APPILLY,KERALA |
| Total                                 | 10                           | 29,40,000                                     |                                                                                                                                                                                                     |

Insurance is the subject matter of the solicitation. For more details on risk factors, terms and conditions, please read sales brochure carefully before concluding a sale.

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Toll Free No (24x7): 1800 266 7780 | Email: customersupport@tataaig.com  
IRDA of India Registration No: 108 | Website: www.tataaig.com | CIN: 1905110MH2000PLC128425 | PAN: AABCT3518Q | UIN: IRDAN108CP0011V02202122



**ENDORSEMENTS**  
**Coverage for Medical Expenses**

**Policy No.:**5190047317  
**Insured:**PARLIKAD GRANITES

In consideration of the payment of an additional premium it is hereby understood and agreed that this Policy is extended to cover **Insured's** liability towards medical expenses for treatment of **Injury** arising out of accident in respect of which indemnity granted under this Policy otherwise applies.

Provided always that the liability of the Company under this endorsement shall be limited to Rs100000 in respect of each Employee per accident and the aggregate liability of the Company for all accidents during the Period of Insurance to Rs 0

Subject to otherwise to the terms, provisions and conditions of the within Policy.  
\*If the Underwriter wants to give complete coverage for actuals incurred the last paragraph of the endorsement can be deleted.

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## Half yearly Compliance Report

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# Vibration Study Report

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### *ANNEXURE XXIII*

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# ***Vibration Study Report***

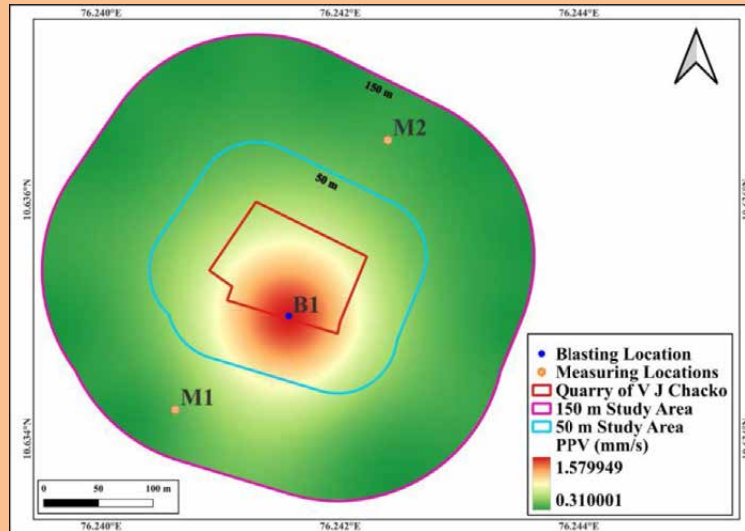
*for*

## ***Granite Building Stone Quarry***

*of*

### ***Mr. V.J.Chacko***

***Wadakkancherry Village, Thalappilly Taluk, Thrissur District, Kerala State***



***Project Proponent***

***Mr. V.J.Chacko***

***Managing Partner, M/s.Parlikkad Granites, Vadakkethala Pindani House,  
Chettupuzha P.O, Thrissur – 680 012***

***Prepared by***



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**Certificate No.: NABET/EIA/21-24/SA 0217; Valid till 01.04.2025**

|                                                                                                |                                                       |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| Report Number: UTC/PRJ/MIN/00282/2025/R1                                                       | Laboratory involved: M/s. ENVIRODESIGNS ECO LABS      |
| Study Period: December, 2024                                                                   | NABL Certificate No.: TC-7114, valid up to 18.10.2025 |
| Report Released by: Ms. Ananthitha A<br>In the capacity of: General Manager, ULTRA TECH, Kochi |                                                       |

**January 2025**



HALF YEARLY COMPLIANCE REPORT-DECEMBER 2024

| Document Details  |   |                                                                                                                                                       |
|-------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Document Title    | : | Vibration Study Report of Granite Building Stone Quarry of Mr. V.J.Chacko, Wadakkancherry Village, Thalappilly Taluk, Thrissur District, Kerala State |
| Document Subtitle | : | Final Report                                                                                                                                          |
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| Client Name       | : | Mr. V.J.Chacko                                                                                                                                        |

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| Annexure - 2        | Copy of EC Letter                          |
| Annexure - 3        | NABET Certificate of EIA Consultant        |
| Annexure - 4        | NABL Certificate of Laboratory             |
| Annexure - 5        | Copy of Explosive License                  |
| Annexure - 6        | Calibration Certificate of Vibration Meter |
| Annexure - 7        | Copy of Vibration Monitoring Report        |

## Abbreviations

| Abbreviation | Description                                                             |
|--------------|-------------------------------------------------------------------------|
| DGMS         | : Directorate General of Mines Safety                                   |
| EC           | : Environmental Clearance                                               |
| IDW          | : Inverse Distance Weighted                                             |
| MoEF&CC      | : Ministry of Environment Forest & Climate Change                       |
| NABET        | : National Accreditation Board for Education and Training               |
| NABL         | : National Accreditation Board for Testing and Calibration Laboratories |
| NONEL        | : Non-electric                                                          |
| PPV          | : Peak Particle Velocity                                                |
| RCC          | : Reinforced Concrete Construction                                      |

## Executive Summary

- The project ‘Granite Building Stone Quarry of Sri. V. J. Chacko’ is over an extent of 0.9996 ha located at Re.Survey No.153/7 at Wadakkancherry Village, Thalappilly Taluk, Thrissur District, Kerala State. The project falls under Category B2. They have been granted mining permit from 19.08.2023 to 18.08.2026.
- Environmental Clearance (EC) is obtained for this mining project vide EC Identification no. EC22B001KL185350 dated 20.10.2022.
- It was directed to conduct vibration studies to evaluate the zone of influence and impact of blasting on the neighborhood as per EC Compliance File No. 1526/EC2/2019/SEIAA dated 20.10.2022 for Half Yearly Compliance Report.
- Vibration study was conducted by the National Accreditation Board for Education and Training (NABET) accredited EIA consultant M/s ULTRA TECH Environmental Consultancy and Laboratory and National Accreditation Board for Testing and Calibration Laboratories (NABL) accredited and MoEF&CC recognized Environmental Monitoring Laboratory M/s Envirodesigns Eco Labs on 26.12.2024.
- A reconnaissance survey was conducted by the study team to understand the site-specific conditions such as topsoil thickness, presence of exposed outcrop, rock continuity, stability of rock slopes, nearest infrastructure etc., and to identify the locations of blasting and the locations for measuring the vibrations with calibrated Vibration Meters (calibration valid up to 18.04.2025).
- The blasting conducted during this study was designed to simulate the actual blasting during the quarry operations.
- Based on the site conditions and the proximity of the nearest residence (nearest residence 110 m from BP 1), a total of 2 locations where outcrop of granites is clearly visible was selected for the measurement of corresponding vibrations during the blasting. These locations are, (1) site office building on the SW side at a distance of 112 m from BP 4 and (2) nearest residential building on NE side at a distance of 110 m from BP 1.
- At the blasting location, a total of 245 blast holes were drilled mechanically, each of diameter 34 mm and 1.5 m depth in a row. Spacing between each blast hole was kept 0.5 m. Emulsion explosives with a diameter of 25 mm and weight of explosive of 300 g were used to fill each blast hole.
- Non-electric (NONEL) short delay detonators were used for blasting and from each blasting location, vibration measurements were taken at one location using Vibration Meter VB-8205 HTC. Peak Particle Velocity (PPV) for various blasts in terms of ground vibration were recorded along with distances from blasting location.
- Maximum PPV recorded was 0.43 mm/s at a distance of 135.82 m from blasting location. Maximum PPV was found to be less than 15 mm/sec, which is the safe PPV defined by Directorate General of Mines Safety (DGMS) for Domestic Houses (Brick/Cement).
- Zone of influence is identified using QGIS by plotting Inverse Distance Weighted (IDW) interpolation tool. An area of 150 m radius from the project boundary was taken, where the site



office and nearest house were considered. According to the map, the PPV varied within a 150 m radius around the project site, ranging from 0.31 mm/s to 1.58 mm/s.

- With the recommended blast hole depth of 1.5 m and 34 mm diameter, maximum of 300 g of explosive with NONEL technology the effect of vibration can be controlled within 50.0 m from the blasting site. Additionally, it should be emphasized that the NONEL blasting approach significantly reduced the ground vibration while having little to no impact on the neighboring built-up structures.

## Chapter 1. Introduction

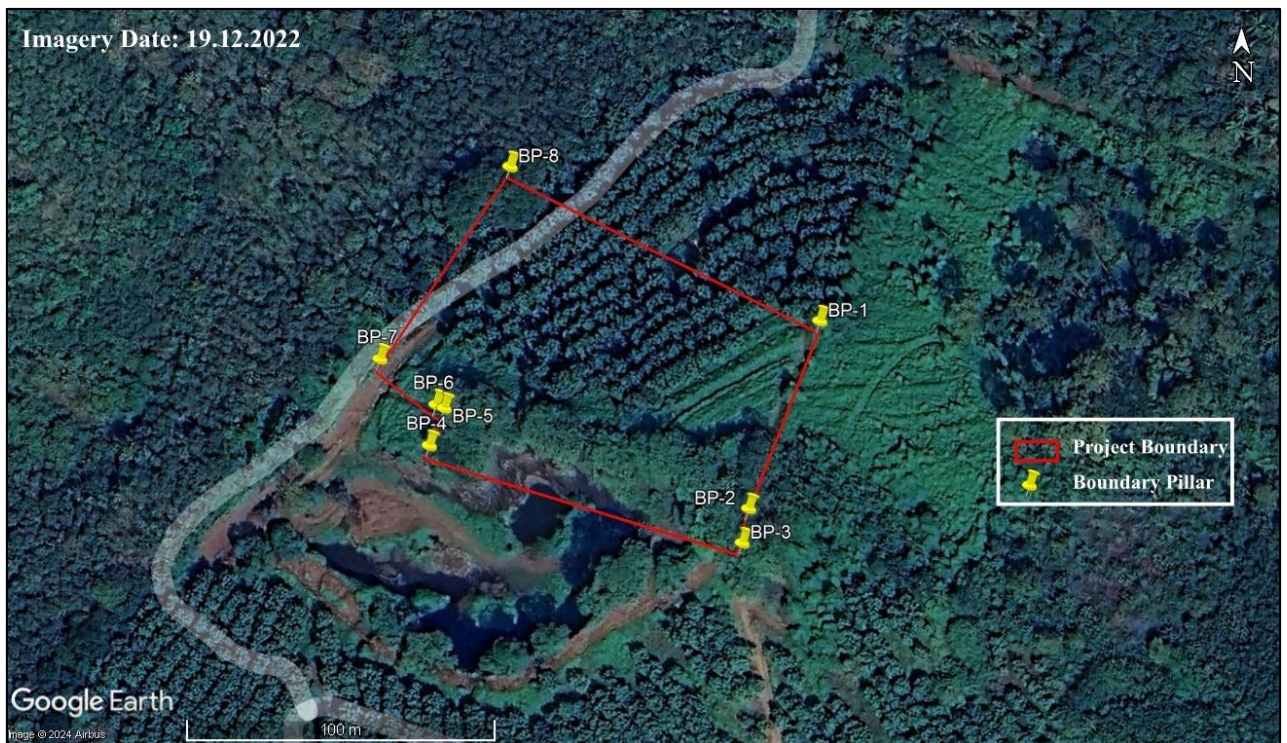
### 1.1. Overview

This Vibration Study Report has been prepared for the operational Granite Building Stone Quarry of Mr. V.J. Chacko, having an area of 0.9996 ha is located at Re-Survey No. 153/7 at Wadakkancherry Village, Thalappilly Taluk, Thrissur District, Kerala State.

The project is located in between Latitude  $10^{\circ}38'05.55''$  N to  $10^{\circ}38'09.50''$  N and Longitude  $76^{\circ}14'27.26''$  E to  $76^{\circ}14'31.96''$  E. The semi-mechanized opencast mining method has been adopted, with a computed mine life of 3 years.

Mining permit has been granted from 19.08.2023 to 18.08.2026. Quarrying permit is attached as Annexure - 1. EC is obtained for this mining lease for a period of 3 years vide EC Identification no. EC22B001KL185350 dated 20.10.2022. EC letter is attached as Annexure - 2.

Google earth imagery showing the project location is given in Figure 1.1 and site photographs are given in Figure 1.2.



**Figure 1.1: Google Earth Imagery of the Project Location**





*Project Site*



*Sign Boards*

**Figure 1.2: Site Photographs**

## 1.2. Objectives

Main objectives of this Vibration Study are the following:

- To evaluate the zone of influence.
- To evaluate the impact of blasting on neighbourhood.
- To suggest suitable guidelines for minimizing the impacts, if any

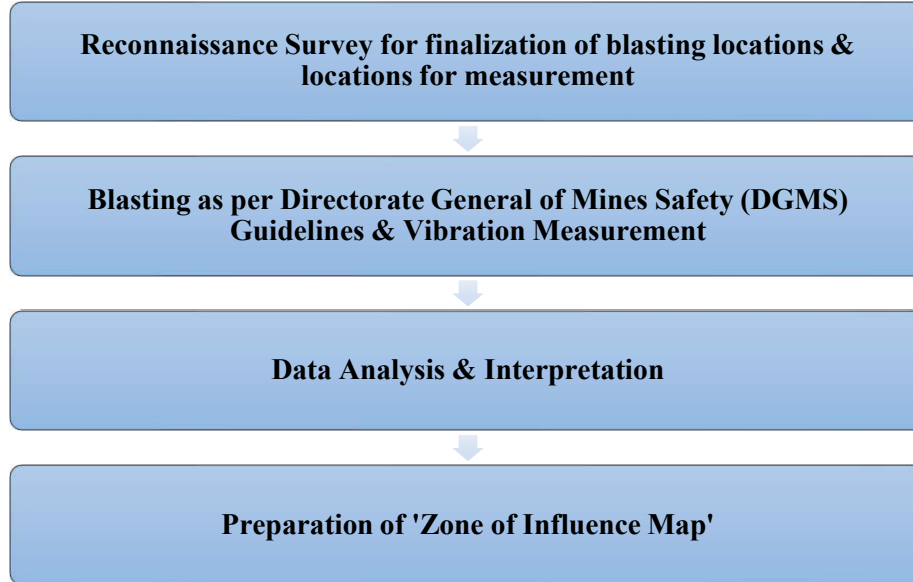
To achieve these objectives, blasting study for vibration monitoring was planned and executed by the NABET accredited EIA consultant M/s ULTRA TECH and NABET certificate of EIA consultant is attached as Annexure - 3.

The measurement of vibration was taken by NABL accredited and MoEF&CC recognized Environmental Monitoring Laboratory M/s Envirodesigns Eco Labs. NABL certificate of the lab is attached as Annexure – 4.



## Chapter 2. Approach and Methodology

Methodology formulated for the preparation of Vibration Study Report for the proposed project is given in Figure 2.1.



*Figure 2.1: Methodology for Preparation of Vibration Study Report*

### 2.1. Considerations of Site Selection

Before choosing the locations, it was taken into account that the topsoil thickness, rock continuity is varying in different locations of the project site, stability of rock slopes, nearest infrastructure etc. Rock continuity was noted as it may cause errors during monitoring. Hence, the locations are selected where topsoil was absent and an outcrop was present to avoid likelihood of monitoring errors.

### 2.2. Reconnaissance Survey & Identification of Locations for Vibration Study

Reconnaissance survey was carried out to identify nearest houses/infrastructures for the finalization of blasting and vibration monitoring locations. The area is non-forest and outcrop of granite at some places. It was observed that the nearest infrastructure is a residential building, which is located at a distance of 110 m from BP 1. Photographs of reconnaissance survey is given in Figure 2.2.



*Figure 2.2: Photographs of Reconnaissance Survey*

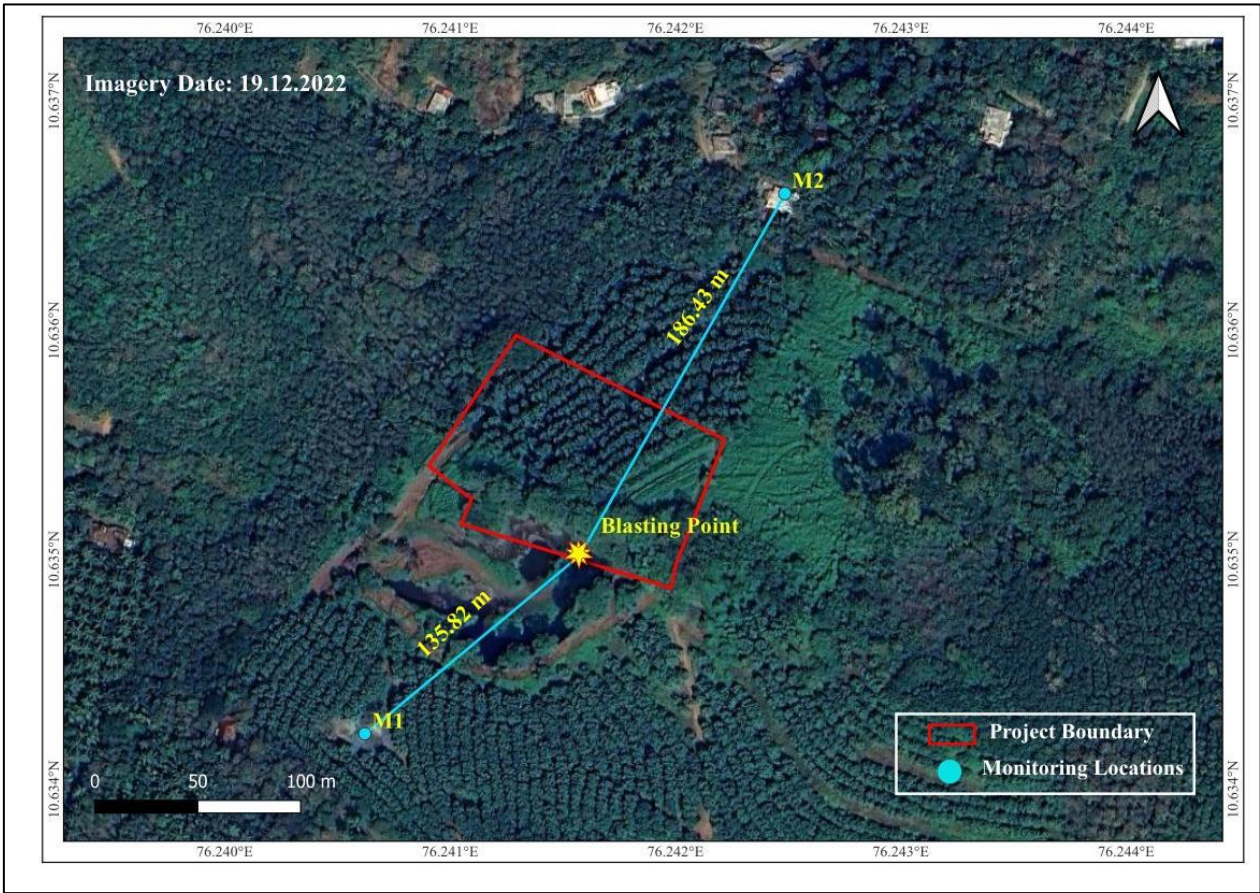
A location where outcrop is present and top soil is absent was selected for blasting. The locations for vibration measurements were selected at the nearest house to the blasting site and at the site office. Vibration study was conducted on 26.12.2024.

### 2.3. Location Details

Details of the locations for blasting and vibration measurement (M1 & M2) are given in Table 2.1 and Figure 2.3.

*Table 2.1: Location Details of Blasting & Vibration Measurement*

| Blasting Location             | Location for Vibration Measurement |                                |
|-------------------------------|------------------------------------|--------------------------------|
| Geographic Coordinates        | Distance from Blasting Location    | Geographic Coordinates         |
| 10°38'6.10"N<br>76°14'29.65"E | 135.82 (M1)                        | 10°38'3.27"N<br>76°14'26.24"E  |
|                               | 186.43 (M2)                        | 10°38'11.39"N<br>76°14'32.64"E |



*Figure 2.3: Google Earth Imagery showing Blasting & Vibration Measurement Locations*

## 2.4. Blasting Technique

### 2.4.1. NONEL Initiation for Eco-friendly Blasting

NONEL (non-electric) is a shock tube detonator designed to initiate explosion generally for the purpose of demolition of buildings and for use in blasting of rock in mines and quarries. Instead of electric wires, a hollow plastic tube delivers the firing impulse to the detonator making it immune to most of the hazards associated with stray electric current. It consists of a small diameter, three-layer plastic tube coated on the innermost wall with a reactive explosive compound, which, when ignited, propagates a low energy signal, similar to a dust explosion.

*Advantages:*

- Reduce noise, fly rock and vibration generated during blasting.
- Increase blasting efficiency and optimize cost of blasting.
- Very safe to use in rainy season also.
- Eco-friendly method of blasting provided with good fragmentation.

Images showing method of NONEL blasting is given in Figure 2.4.

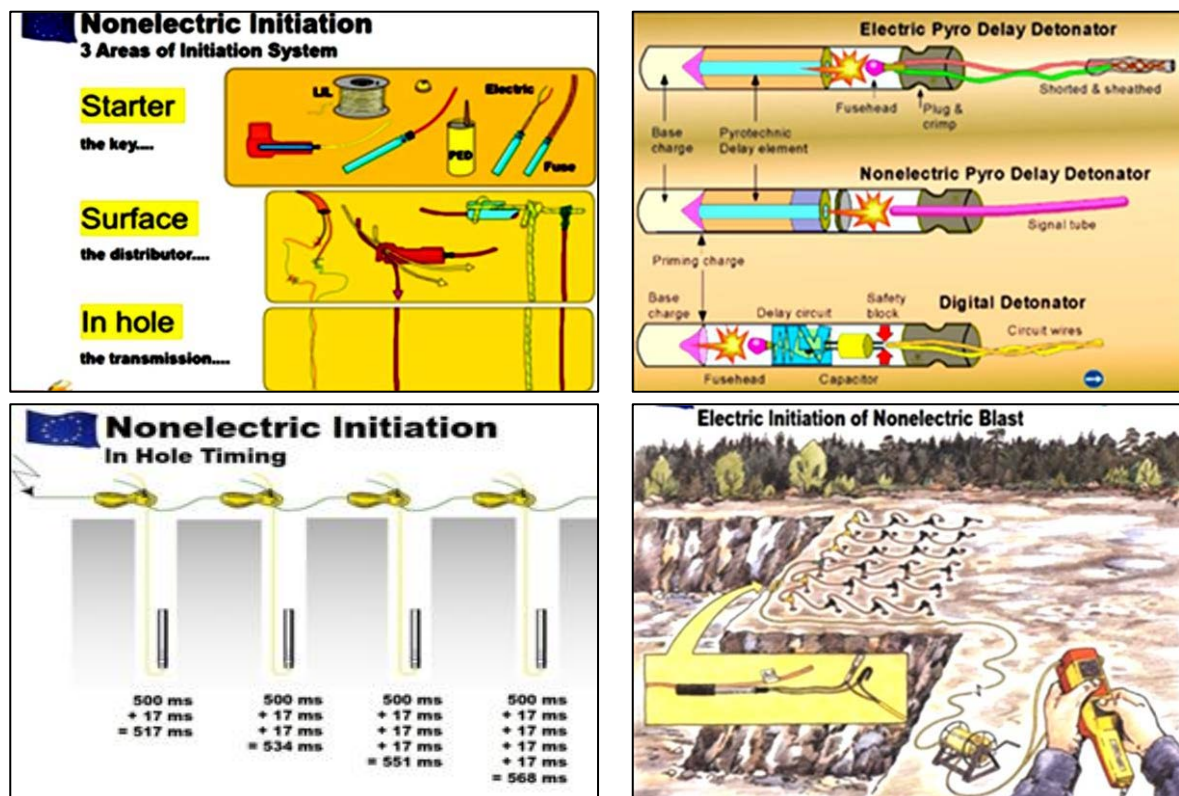


Figure 2.4: Images of NONEL Blasting

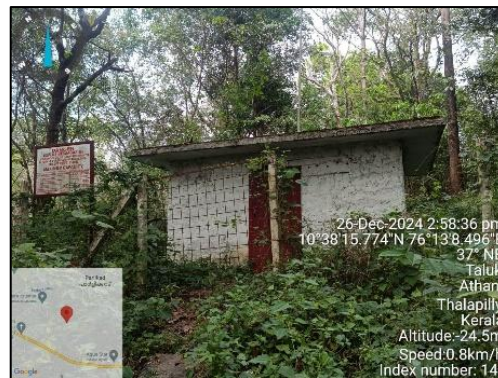
### 2.4.2. Blast Hole Drilling & Blasting Initiation

Blast hole (initial hole into which the explosives are packed) drilling is a technique used in mining whereby a hole is drilled into the surface of the rock, packed with explosive material, and detonated.



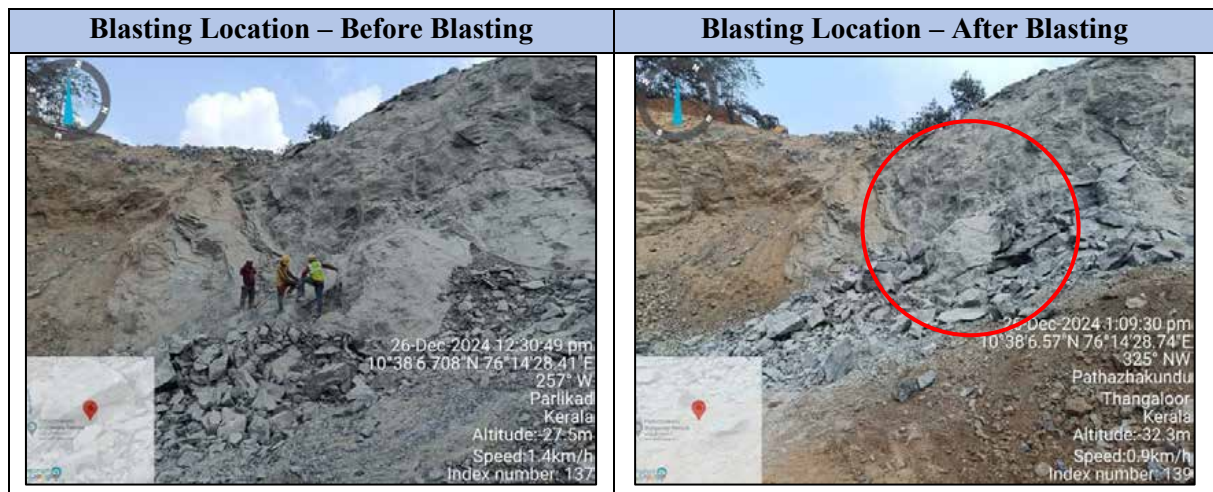
- Drilling of holes is done by jack hammer with the help of air compressor.
- Hole location is properly dressed by excavator to remove the loose boulders for efficient drilling and for avoiding jamming of drilling hammer and bits.
- Diameter and depth of drill holes were 34 mm and 1.5 m respectively.
- Distance between the holes is maintained as 0.5 m.
- Diameter of the emulsion explosive is 25 mm.
- About 15 holes were drilled for blasting at one location.
- Holes are filled with charge and detonated with NONEL detonators along with safety fuse.
- Charge and NONEL detonators used for blasting.
- Charge per delay, maximum quantity of explosive charge detonated on one interval within a blast is about 300 g per hole.

Magazine area of the project is located at a distance of 2.42 km, W from BP 7. Photograph of magazine area is given in Figure 2.5. Explosive License is attached as Annexure – 5.



**Figure 2.5: Photograph of Magazine Area**

Photographs showing blasting location before and after blasting is given in Figure 2.6.



**Figure 2.6: Photographs of Blasting Location**

## 2.5. Measurement of Ground Vibration

Blast induced ground vibration is measured in terms of PPV in units mm/s. NABL Accredited Laboratory conducted the vibration monitoring with the help of Vibration Meter VB-8205 HTC. It can measure both frequency and velocity. A test probe is connected to the vibration meter. A transducer is kept on the top soil, and the probe is then kept on top of the transducer. In order to take peak particle velocity, “HOLD” option is used so that the peak velocity during blast vibration can be captured. Frequency is also noted down at the time of blasting. Photographs of vibration monitoring is given in Figure 2.7. Calibration of vibration meter is valid from 19.04.2024 to 18.04.2025. Calibration certificate of vibration meter is attached as Annexure – 6.



Nearest house

Site office

**Figure 2.7: Photographs of Ground Vibration Measurement**

## 2.6. Results & Data Interpretation

In India, DGMS suggested safe limits of ground vibrations for different categories of structures with frequencies of <8 Hz, 8-25 Hz and >25 Hz. through Circular No. 7 dated 29/8/1997. Details of the same is given in Table 2.2.

**Table 2.2: Permissible PPV (mm/s) as per DGMS, India**

| Type of Structure                                                               | Dominant Frequency (Hz) |           |         |
|---------------------------------------------------------------------------------|-------------------------|-----------|---------|
|                                                                                 | < 8 Hz                  | 8 – 25 Hz | > 25 Hz |
| <b>(A) Building/structures not belonging to the owner</b>                       |                         |           |         |
| Domestic houses/structures (kuchha brick and cement)                            | 5                       | 10        | 15      |
| Industrial buildings (RCC and framed structures)                                | 10                      | 20        | 25      |
| Objects of historical importance and sensitive structures                       | 2                       | 5         | 10      |
| <b>(B) Building/structures belonging to the owner with limited span of life</b> |                         |           |         |
| Domestic houses/structures (kuchha brick and cement)                            | 10                      | 15        | 25      |
| Industrial buildings (RCC and framed structures)                                | 15                      | 25        | 50      |

Nearest house is 110 m from BP 1. Structures can be assigned a permissible PPV of 15 mm/s as per the DGMS guidelines. Results of vibration measurement is given in Table 2.3. Vibration monitoring report is attached as Annexure – 7.

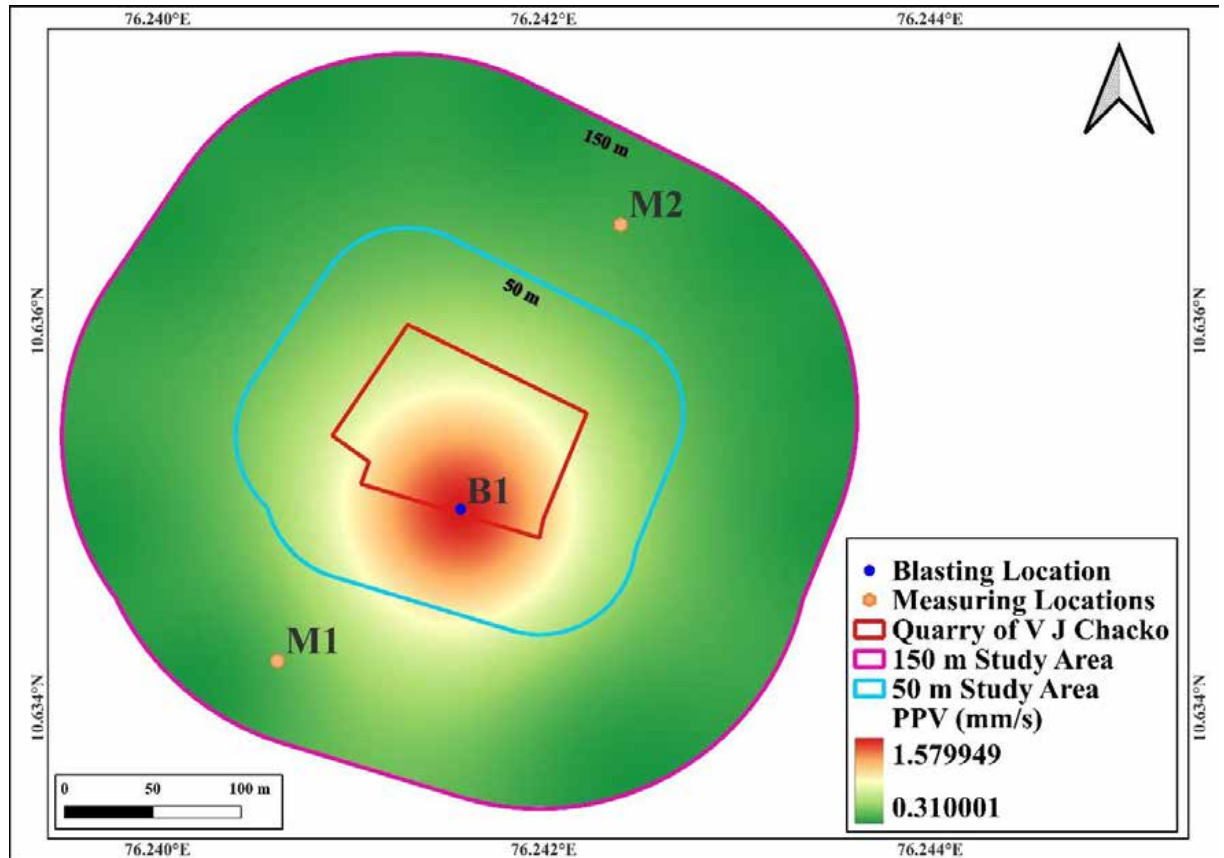
**Table 2.3: Results of Vibration Measurement**

| Blast No.         | Depth of Blast Hole | Explosive/ Hole | Total Explosive/ Blast | Distance from Blasting Location (m) | Frequency (Hz) | Peak Particle Velocity (mm/s) |
|-------------------|---------------------|-----------------|------------------------|-------------------------------------|----------------|-------------------------------|
| Blasting Location | 1.5 m               | 300 g           | 4.5 kg                 | 135.82                              | 138            | 0.43                          |
|                   |                     |                 |                        | 186.43                              | 88             | 0.41                          |

The highest PPV recorded was 0.43 mm/s at a distance of 135.82 m from blasting location. The ground vibration recorded are less than 15 mm/s thus the ground vibration values are within the permissible limit as mentioned by DGMS.

### 2.6.1. Zone of Influence

The zone of influence was measured using Inverse Distance Weighted (IDW) interpolation tool in QGIS software, where the PPV was taken as the known cell value for interpretation. An area of 150 m radius from the project boundary was taken, where two houses were considered. The map showing zone of influence is shown in Figure 2.8.



**Figure 2.8: Map of Zone of Influence**

According to the map, the PPV varied within a 150 m radius around the project site, ranging from 0.31 mm/s to 1.58 mm/s.



## **Chapter 3. Conclusion & Recommendation**

### **3.1. Conclusion**

- A location with an outcrop and no topsoil was selected for blasting.
- One location for each blasting was chosen for vibration measurement.
- Blast holes of 34 mm diameter and 1.5 m were used with charge per delay is 300 g in all blast rounds.
- Analysis of blast vibration data of PPV for various blasts was recorded. It was found that value of PPV varies with blasting.
- The maximum PPV recorded was 0.43 mm/s at a distance of 135.82 m from blasting location.
- Maximum PPV is less than 15 mm/sec, which is the safe PPV defined by DGMS for Domestic Houses (Brick/Cement). Hence the values are within DGMS standards.

Based on the studies, it can be stated that there is no effect of blasting operations beyond 50 m from the blasting locations of the proposed quarry, if the quantity of charge used is 300 g per blast hole.

### **3.2. Recommendation**

- Regular monitoring of the vibration study once in every six months.
- Use filled gunny bags while blasting to cover the rocks.
- It also recommended to keep the blast hole depth 1.5 m & diameter 34 mm; maximum of 300 g of explosive with NONEL detonation. Hence, the effect of vibration can be controlled within 50.0 m from the blasting site.

# Annexure 1: Quarrying Permit

FORM M

(See Sub-rule (2) of rule 9)  
(For all type of quarrying permits)

GOVERNMENT OF KERALA

DISTRICT OFFICE, DEPARTMENT OF MINING & GEOLOGY, THRISSUR  
QUARRYING PERMIT FOR EXTRACTION OF LATERITE BUILDING STONE  
GRANTED UNDER RULES 3(1), 9 AND 10 OF THE KERALA MINOR MINERAL  
CONCESSION RULES, 2015

No. 2/2023-24/MM/QP/GS/ 1023/C2/TDO/2018

Dated 19.08.2023

Shri. V. J Chacko , Managing Partner , M/s Parlikkad Granites , Parlikkad P.O , Thrissur is hereby permitted to extract and remove GRANITE( BUILDING STONE) from an area of 0.9996 Hectare in Sy.No. 153/7-1,3,4 of Wadakkanchery Village Thalappilly Taluk Thrissur District, Kerala State under 3(1) and 9 of the Kerala Minor Mineral Concession Rules, 2015 subject to the conditions mentioned in rule 10.(Subject to judgment dated 19.06.2023 of the Hon'ble High Court in WP(C) 10552/2023)

- A. Quantity of extraction of mineral permitted : 105375 MT ( Out of 311963 MT )  
(Not applicable in the case of CRP System) (As per Approved mining plan)  
B. Whether the permit holder opted CRP system : N.A.  
C. Number of mineral transit passes to be issued : as per KOMPAS Portal  
D. Name and address of the owner of the land : Shri. Ittoop Menachery & Gracy  
Under mineral concession / particulars of Menachery Villa  
Chembukkkavu , Thrissur

Consent / NOC received from the occupier  
of the land (if applicable)

: Yes , Registered Lease Agreement Produced

E. Date of expiry of permit

: 18.08.2026

## Details of fee remitted

| Item            | Chalan No & Date                         | Amount (Rs) | Name of Treasury |
|-----------------|------------------------------------------|-------------|------------------|
| Application fee | KL000188265201819M<br>Dated, 07.04.2018  | 1000/-      | ST,TSR           |
| Royalty         | KL011327650202324 M,<br>Dated 06.07.2023 | 5058000/-   | STTSR            |
| Surface Rent    | KL011877197202324E,<br>Dated 11.07.2023  | 500/-       | E - Chalan       |
| DMF             | 1148<br>Dated 06.07.2023                 | 505800/-    | ST,TSR           |

The permit holder is eligible for movement permit of 105375 MT of Granite Building Stone in the first year. Royalty and DMF are to be remitted on 19.08.2024 in the II<sup>nd</sup> year and on 19.08.2025 in the III<sup>rd</sup> year respectively as per approved mining plan. All statutory licences must be valid throughout the permit period.



Office Seal

Copy to:- (1) District Collector (with C/L)

(2) Shri. Ittoop Menachery & his wife Gracy , Menachery Villa , Chembukkkavu , Thrissur

Signature and Address of the Issuing Authority  
കേരളാ ഭൂമിശാസ്ത്ര വകുപ്പ്  
മന്ത്രിയുടെ ഓഫീസ്  
പിൻ - 680 020

# Annexure 2: Environmental Clearance Letter

ENVIRONMENTAL  
CLEARANCE



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

To,

The Managing Partner  
PARALIKAD GRANITES  
Wadakkanchery Village, Thalapilly taluk -680020

**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/45120/2019 dated 04 Dec 2019. The particulars of the environmental clearance granted to the project are as below.

- |                                            |                         |
|--------------------------------------------|-------------------------|
| 1. EC Identification No.                   | EC22B001KL185350        |
| 2. File No.                                | 1526/EC2/2019/SEIAA     |
| 3. Project Type                            | New                     |
| 4. Category                                | B2                      |
| 5. Project/Activity including Schedule No. | 1(a) Mining of minerals |
| 6. Name of Project                         | VJ Chacko,              |
| 7. Name of Company/Organization            | PARALIKAD GRANITES      |
| 8. Location of Project                     | Kerala                  |
| 9. TOR Date                                | 19 Oct 2019             |

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

Date: 20/10/2022

(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.*

*This is a computer generated cover page.*

**PARIVESH**  
(Pro-Active and Responsive Facilitation by Interactive,  
and Virtuous Environmental Single-Window Hub)







**PROCEEDINGS OF THE  
STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT  
AUTHORITY – KERALA, THIRUVANANTHAPURAM**

*(Present : Dr.H.Nagesh Prabhu IFS (Retd), Chairman,  
Shri.K.Krishna Panicker, Member, Dr.V.Venu IAS, Member Secretary)*

**Sub:- Environmental Clearance for the Granite Building Stone Quarry Project of Sri.V.J.Chacko, Managing Partner, M/s.Parlikkad Granites, Vadakkethala Pindani House, Chettupuzha P.O, Thrissur - Granted – Orders issued.**

---

**State Level Environment Impact Assessment Authority, Kerala**

**Proposal No. SIA/KL/MIN/45120/2019**

**File No. 1526/EC2/2019/SEIAA**

- Ref: 1. Application for EC from Sri.V.J.Chacko received on 04.12.2019  
2. Minutes of the 129<sup>th</sup> meeting of SEAC held on 08<sup>th</sup> to 10<sup>th</sup> June 2022  
3. Minutes of the 116<sup>th</sup> meeting of SEIAA held on 29<sup>th</sup> & 30<sup>th</sup> July 2022  
4. G.O(Rt.) No.29/2019/Env dt.12.04.2019

**ENVIRONMENTAL CLEARANCE NO.176/Q/2022**

Sri.V.J.Chacko, Managing Partner, M/s.Parlikkad Granites, Vadakkethala Pindani House, Chettupuzha P.O, Thrissur submitted an application for Environmental Clearance through PARIVESH on 04.12.2019 for the Granite Building Stone Quarry Project for an area of 0.9996 Ha in Re.Survey No.153/7, Wadakkancherry Village, Thalappilly Taluk, Thrissur District, Kerala. The project details are as follows:

| SL.No | Particulars         | Details                                                 |
|-------|---------------------|---------------------------------------------------------|
| 1     | Name of the Project | Granite Building Stone Quarry Project of Sri.V.J.Chacko |

|    |                                                                   |                                                                                                                           |
|----|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 2  | Proposed Activity                                                 | Mining of Granite Building Stone                                                                                          |
| 3  | Name of the Sector & Schedule No. (in the EIA Notification, 2006) | Non Coal mining, Activity 1(a), Category B2                                                                               |
| 4  | Name & Address of the Project Proponent                           | Sri.V.J.Chacko, Managing Partner, M/s.Parlikkad Granites, Vadakkethala Pindani House, Chettupuzha P.O, Thrissur – 680 012 |
| 5  | Project Location                                                  |                                                                                                                           |
|    | a) Survey No.                                                     | 153/7                                                                                                                     |
|    | b) Revenue Village                                                | Wadakkancherry                                                                                                            |
|    | c) Taluk                                                          | Thalappilly                                                                                                               |
|    | d) District                                                       | Thrissur                                                                                                                  |
| 6  | Geo Co-ordinates                                                  | Latitude (N) 10°38'05.55"N to 10°38'09.50"N<br>Longitude (E) 76°14'27.26"E to 76°14'31.96"E                               |
| 7  | Extent (in Hectare)                                               | 0.9996                                                                                                                    |
| 8  | Project Cost                                                      | ₹ 3,14,00,000                                                                                                             |
| 9  | Total Mineable Reserve                                            | 311963 Tonnes (As per approved Mining Plan)                                                                               |
| 10 | Date of field inspection                                          | 01.07.2021                                                                                                                |

### **CER Details**

| <b>Activity</b>                                                                                                                                                                                     | <b>Amount</b>    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Solar rechargeable streetlights at village roads leading to habitation with dense population ( Fifty solar street lights in two years and its maintenance for next three years @ 20,000 per light ) | <b>10,00,000</b> |
| Roof Water harvesting facility in nearby villages.( Fifty houses in two years and its maintenance for next three years @ 20,000 per house)                                                          | <b>10,00,000</b> |
| Construction of public toilets near major bus stops. (Ten toilets in two years and its maintenance for next three years @ 1 lakh per toilet).                                                       | <b>10,00,000</b> |
| Avenue Plantation in public places.                                                                                                                                                                 | <b>2,50,000</b>  |
| <b>Total</b>                                                                                                                                                                                        | <b>32,50,000</b> |

2. In the 129<sup>th</sup> meeting of SEAC, the Committee examined the proposal verified the documents submitted by the proponent and discussed the field inspection report. The Committee recommended EC with the Project Life of 3 years subject to certain Specific Conditions in addition to the General Conditions.

3. In the 116<sup>th</sup> SEIAA meeting, the Authority decided to issue Environmental Clearance for the Project Life of 3 (three) years for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the 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. *The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
3. *The garland canal, silt traps, siltation pond and outflow channel should be provided prior to the commencement of mining to ensure adequate drainage of the area.*
4. *The garland drain, silt traps, siltation pond, and outflow channel should be desilted and cleaned periodically and geotagged photographs should be incorporated in the half yearly compliance report.*
5. *Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years*
6. *Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.*
7. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
8. *The OB dumping site should be provided with protection wall.*
9. *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 local self Govt. Institutions. 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.*
10. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use*

*only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*

*11. 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.*

*12. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

**4. Environmental Clearance as per the EIA Notification, 2006 is hereby accorded for the Granite Building Stone Quarry Project of Sri.V.J.Chacko, Managing Partner, M/s.Parlikkad Granites, Vadakkethala Pindani House, Chettupuzha P.O, Thrissur for an area of 0.9996 Ha in Re.Survey No.153/7 in Wadakkancherry Village, Thalappilly Taluk, Thrissur, Kerala, for the Project Life of 3 years, from the date of execution of valid mining lease/permit from the Department of Mining and Geology as per S.O.1807 (E) dated.12.04.2022 of MoEF&CC, for the quantity mentioned in the approved Mining Plan, subject to the Specific Conditions suggested by SEIAA in Para 3 above, and all the environmental impact mitigation and management measures undertaken by the Project Proponent in the Form I, EMP, PFR and Mining Plan submitted to SEIAA. The assurances and clarifications given by the proponent will deemed to be a part of this Proceedings as if incorporated herein. Also the General Conditions for projects stipulated for mining (items 1 to 57), mentioned below will be applicable and have to be strictly adhered to.**

**5. The Environmental Clearance issued will also be subject to full and effective implementation of all the undertakings given in the Application Form, mitigation measures as assured in the Environment Management Plan and the mining features including Progressive Mine Closure Plan as submitted with the application. The above undertakings and the**

conditions and the undertakings in (Mining), (Blasting), (Mines Drainage), (Stacking of Mineral rejects and Disposal of waste), (Environment Management Plan) & (Progressive Mine Closure Plan) of the Mining Plan as submitted will be deemed to be part of this Proceedings as conditions as undertaken by the proponent, as if incorporated herein.

6. Validity of the Environmental Clearance will be **Three (3) years** from the date of execution of valid mining lease/permit from the Department of Mining & Geology as per SO 1807(E) dated 12.04.2022 of MoEF & CC, subject to earlier review of EC in case of violation or non-compliance of conditions or genuine complaints from residents within the security area of the quarry.

7. Compliance with the conditions herein will be monitored by the State Environment Impact Assessment Authority or its authorised offices and also by the Regional Office of the Ministry of Environment, Forest & Climate Change, Govt. of India, Bangalore. Necessary assistance for entry and inspection should be provided by the Project Proponent and those who are engaged or entrusted by him to the staff for inspection or monitoring. Instances of violation if any shall be reported to the District Collector, Thrissur.

8. The Half Yearly Compliance Report (HYCRs) with its contents, covering letter, compliance report and environmental monitoring data have to be uploaded in the Parivesh portal and the website of the project proponent. The HYCR with the name of the project, EC No and date & the period of submission should be sent to the Regional Office of MoEF & CC & to the SEIAA by email only at email ID [rosz.bng-mef@nic.in](mailto:rosz.bng-mef@nic.in) & [seacseiaakerala@gmail.com](mailto:seacseiaakerala@gmail.com) respectively. Hardcopy of HYCRs shall not be acceptable.

9. The given address for correspondence with the authorised signatory of the project is Sri.V.J.Chacko, Managing Partner, M/s.Parlikkad Granites, Vadakkethala Pindani House, Chettupuzha P.O, Thrissur.

### **GENERAL CONDITIONS**

- 1. 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.*

- 2. All the statutory clearances should be obtained, as applicable, by the project proponent from the respective competent authorities including that for blasting and storage of explosives. Copies of all statutory clearances shall be submitted along with First Half Yearly Compliance Report.*
- 3. The project proponent should advertise in news papers that the project has been accorded Environmental Clearance and copies of clearance letters are available in the Office of State Environment Impact Assessment Authority (SEIAA) and on the website of the Authority at [www.seiaakerala.in](http://www.seiaakerala.in). The advertisement should be in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language. The advertisement should be made within 10 days from the date of receipt of the Environmental Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.*
- 4. The proponent shall send a copy of the EC 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 uploaded on the website of the company.*
- 5. The lease area shall be fenced with barbed wire to a minimum height of 4ft around, before starting mining. All the boundary indicators (boards, markings, etc) shall be conspicuous and maintained at all times.*
- 6. 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 size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.*
- 7. Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department. Mats to reduce fly rock blasts to a maximum of 10 PPV should be provided.*
- 8. Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department.*
- 9. Access roads to the quarry shall be black topped to contain dust emissions that*

*may arise during transportation of materials. The transportation of minerals should be done in covered trucks to contain dust emissions.*

- 10. A separate Environmental Management Cell (EMC) with suitable qualified personnel should be set-up under the chairmanship of a Senior Executive, who will report directly to the Head of the Organization. The Cell should have representative of Biodiversity Management Committee of the Panchayath and a representative of NGO, if any active in the area. The EMC should meet at least once in six months and review the activities and minutes should be a part of the compliance report.*
- 11. Quarrying has to be carried out as per approved mining plan with the suggestions from SEAC incorporated and following KMMC rules 2015 and the Amendments thereby.*
- 12. The quarrying operation (blasting) shall be restricted between 7 AM and 5PM*
- 13. Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.*
- 14. Maximum depth of mining shall be as per the mining plan and as per specific direction of SEAC after field inspection. The maximum depth of mining should not be deeper than the local ground water table. No mining operations should be carried out at places having a slope greater than 45°.*
- 15. The height of any bench shall not exceed five meters and breadth shall not be less than the height.*
- 16. The Project proponent shall ensure that no perennial or intermittent natural water course and/or water resources are obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.*
- 17. A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local*

*conditions.*

- 18. The proponent should plant seedlings at least 5 times of the loss of trees that has occurred while clearing the land for the project and follow planting measures as suggested by SEAC. Suitable avenue trees should be planted along the sides of the approach road and internal roads and open parking areas, if any. Preference should be given to endemic native and fruit bearing species. Planting in buffer areas should be taken up beforehand. Proper upkeep and maintenance of planted seedlings shall be ensured by the project proponent.*
- 19. The proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad leaved plants.*
- 20. Eco-restoration including the closure of mine as per the progressive closure plan and final closure plan shall be done at the cost of the project proponent. This eco-restoration should follow scientific standards available for restoration, full recovery of the original vegetation and improving the resilience of different ecosystems. Overburden materials should be managed within the site and used for reclamation of mined pit as per mine closure plan / specific conditions.*
- 21. 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 suitable indigenous plant species, if no other specific condition on reclamation of pit is stipulated in the E.C. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.*
- 22. Control measures on noise and vibration prescribed by KSPCB should be implemented. Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.*
- 23. Periodical monitoring of the vibration at specified location (preferably at a distance of 50 m and 100 m) to be conducted and records kept for inspection. This could also form a part of the compliance reports.*
- 24. Speed of trucks entering or leaving the mine site is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.*
- 25. 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 standard limit indicated by CPCB/KSPCB.*

- 26. Blasting should be done in a controlled manner using NONEL technique as specified by the regulations of Petroleum and explosive safety organization (GOI) or any other concerned authorized agency. A licensed person should supervise/control the blasting operations.*
- 27. Measures should be taken for maintaining noise levels below 85 dBA in the work environment.*
- 28. Project proponent should obtain necessary prior permission of the competent authorities for drawing requisite quantity of surface water and ground water for the project.*
- 29. Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly compliance reports to SEIAA.*
- 30. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps, to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, and for green belt development etc. The drains shall be regularly desilted and maintained properly, particularly after monsoon.*
- 31. Regular monitoring of ground water level and quality shall be carried out around the mine area during mining operation. If any stage, if it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.*
- 32. Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB.*
- 33. In the case of any change(s) in the scope of the project, extent, quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which the E.C was issued, the project*

would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority. In the case of transfer of ECs, the matter shall be intimated and get the approval from the Authority as per the existing norms.

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.*
35. *The top soil, if any, shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained at 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geo textile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled.*
36. *All the mining equipment used in Mining like backhoe loaders and excavators cause pollution and hence shall be serviced regularly & maintained for their efficient functioning and for reducing pollution. Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations.*
37. *All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution checking centre. Washing of all vehicles shall be inside the lease area. .*
38. *Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution such as haul road, loading and unloading points and transfer points and having high levels of PM<sub>10</sub> and PM<sub>2.5</sub>. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board.*
39. *Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement at project site, parking area, on haul roads, loading and*

- unloading and at transport points should be provided and properly maintained.*
- 40. Corporate Environmental Responsibilities (CER) as prescribed by SEIAA/SEAC should be carried out leading to Environmental stability of the Project region. The activities carried out under CER should be a part of the half yearly compliance report. The certificates from the beneficiaries, if the CER part is completed should also be submitted to the State Environment Impact Assessment Authority (SEIAA) along with year wise expenditure .*
  - 41. The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying /Mining operations. The workers on the site should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.*
  - 42. The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.*
  - 43. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. The report of health surveillance programme should be included in the half yearly compliance reports.*
  - 44. The pits in the abandoned quarries and in the mined area shall be used for activities like water harvesting, aqua culture etc. in an eco friendly manner.*
  - 45. If Government land is partly or fully used for mining, the area shall be returned at the end of lease period after mine closure with separate demarcation with suitable survey marks.*
  - 46. Any accident occurring in the mined out area after the lease period due to negligence in carrying out safety measures and non-closure , will lead to suspension of all EC obtained for mining by the Proponent.*
  - 47. In case of transfer of EC the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.*
  - 48. The proponent shall submit Half Yearly Compliance Reports (1<sup>st</sup> of June & 1<sup>st</sup> of December) on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of*

*monitored data on their website and shall update the same periodically. It shall be simultaneously sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA). The proponent has to submit Environmental statement in form V of Environment (Protection) Rules 1986 to SPCB on 31<sup>st</sup> March every year.*

- 49. The project authorities should extend full cooperation to the officer (s) from the Regional Office of MOEF & CC located at Bangalore/SEAC/SPCB/CPCB/dept of Mining and Geology, while monitoring compliance of the stipulated conditions, by furnishing the requisite data/information/monitoring reports.*
- 50. The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.*
- 51. 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.*
- 52. The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.*
- 53. The Environmental Clearance will be subject to the final order of the courts on any pending litigation related to the land or project, in any court of law.*
- 54. Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.*
- 55. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.*
- 56. The SEIAA may revoke or suspend the order, for non implementation of any of the specific or any of the above conditions. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest*



*of environmental protection.*

57. *As per regulation no. 106(2) of metalliferous mines regulation under Mine act, the height of any bench shall not exceed six meters and breadth shall not be less than the height.*

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

To,

Sri.V.J.Chacko,  
Managing Partner,  
M/s.Parlikkad Granites,  
Vadakkethala Pindani House,  
Chettupuzha P.O, Thrissur – 680 012

Copy to

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wing, II Block, Koramangala, Bangalore-560034.(through e-mail: rosz.bng-mefcc@gov.in)
2. The Additional Chief Secretary to Government, Environment Department, Government of Kerala
3. The Director, Directorate of Environment & Climate Change, 4th Floor KSRTC Bus Terminal, Thampanoor, Thiruvananthapuram, Kerala 695001.
4. The District Collector, Thrissur
5. The Director, Mining & Geology, Thiruvananthapuram -4.
6. The Member Secretary, Kerala State Pollution Control Board
7. The District Geologist, Thrissur
8. The Secretary, Wadakkanchery Municipality, Thrissur
8. The Tahsildhar, Thalappilly Taluk, Thrissur District
9. The Chairman, SEIAA.
10. Website.
11. S/f
12. O/c



**National Accreditation Board for Education and Training**

**Certificate of Accreditation**

**ULTRA TECH**

206, 224-225, Jai Commercial Complex, Eastern Express Highway, Opp. Cadbury, Khopat, Thane- 400601

The organization is accredited as **Category-A** under the QCI-NABET Scheme for Accreditation of EIA Consultant Organization, Version 3: for preparing EIA/EMP reports in the following Sectors

| S. No | Sector Description                                                                                                                                                                                                                  | Sector (as per) |           | Cat. |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|------|
|       |                                                                                                                                                                                                                                     | NABET           | MoEFCC    |      |
| 1.    | Mining of minerals- opencast only                                                                                                                                                                                                   | 1               | 1 (a) (i) | B    |
| 2.    | River valley projects- Irrigation only                                                                                                                                                                                              | 3               | 1 (c)     | A    |
| 3.    | Thermal power plants                                                                                                                                                                                                                | 4               | 1 (d)     | B    |
| 4.    | Metallurgical industries                                                                                                                                                                                                            | 8               | 3 (a)     | B    |
| 5.    | Cement plants                                                                                                                                                                                                                       | 9               | 3 (b)     | A    |
| 6.    | Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates) | 21              | 5 (f)     | B    |
| 7.    | Distilleries                                                                                                                                                                                                                        | 22              | 5 (g)     | A    |
| 8.    | Oil & gas transportation pipeline (crude and refinery/ petrochemical products), passing through national parks/sanctuaries/ coral reefs/ecologically sensitive areas including LNG terminal                                         | 27              | 6 (a)     | A    |
| 9.    | Ports, harbours, break waters and dredging                                                                                                                                                                                          | 33              | 7 (e)     | A    |
| 10.   | Highways                                                                                                                                                                                                                            | 34              | 7 (f)     | A    |
| 11.   | Building and construction projects                                                                                                                                                                                                  | 38              | 8 (a)     | B    |
| 12.   | Townships and Area development projects                                                                                                                                                                                             | 39              | 8 (b)     | B    |


**Note: Names of approved EIA Coordinators and Functional Area Experts are mentioned in SAAC minutes dated January 19, 2024, posted on QCI-NABET website.**

The Accreditation shall remain in force subject to continued compliance to the terms and conditions mentioned in QCI-NABET's letter of accreditation bearing no QCI/NABET/ENV/ACO/24/3169 dated Mar. 11, 2024. The accreditation needs to be renewed before the expiry date by UltraTech, Thane following due process of assessment.


Issue Date  
Mar. 11, 2024



Valid up to  
Oct.18, 2024

  
Mr. Ajay Kumar Jha  
Sr. Director - NABET

Certificate No.  
NABET/EIA/21-24/SA 0217

  
Prof (Dr) Varinder S Kanwar  
CEO - NABET



QCI/NABET/ENV/ACO/25/3471

Jan 02, 2025

To

**ULTRA-TECH,**

206, 224-225, Jai Commercial Complex,  
Eastern Express Highway, Opp. Cadbury,  
Khopat, Thane West - 400 601

Sub.: Extension of Validity of Accreditation till April 01, 2025 – regarding  
Ref.. 1. Certificate no. NABET/EIA/21-24/SA0217  
2. Request e-mail dated Dec 27, 2024

Dear Sir/Madam

This has reference to the accreditation of your organization under the QCI-NABET EIA Scheme, the validity of **ULTRA-TECH** is hereby extended till April 01, 2025, or completion of the assessment process, whichever is earlier.

The above extension is subject to the submitted documents/required information with respect to your application and timely submission and closure of NC/Obs during the process of assessment.

You are requested not to use this letter after expiry of the above stated date.

With best regards.



(A K Jha)  
Sr. Director, NABET





## Annexure 4 : NABL Certificate of Laboratory

National Accreditation Board for  
Testing and Calibration Laboratories

### CERTIFICATE OF ACCREDITATION

### **ENVIRODESIGNS ECO LABS**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2017**

**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**

for its facilities at

ECO TOWER, JANATHA JN., PALARIVATTOM, KOCHI, KERALA, INDIA

in the field of

**TESTING**

Certificate Number: TC-7114

Issue Date: 19/10/2023

Valid Until: 18/10/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Entity: ENVIRODESIGNS ECO LABS

Signed for and on behalf of NABL



N. Venkateswaran  
Chief Executive Officer



# Annexure 5: Explosive Liscence

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

(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)

(See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)

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

अनुज्ञप्ति सं. (Licence No.): E/SC/KL/22/1105(E55915)

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

1. Licence is hereby granted to

Shri V.J.Chacko (अधिभोगी / Occupier : Shri V.J.Chacko), Vadakkethala Pindani, Chettupuzha P.O., Thrissur District, Kerala-680621,  
Town/Village - Chettupuzha, District-THIRISSUR, State-Kerala, Pincode - 680621



को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : Individual

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमाम्य है।

Licence is valid only for the following purpose.

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

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

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

| क्र.<br>Sr. No. | नाम और विवरण<br>Name and Description | वर्ग और प्रभाग<br>Class & Division | उप-प्रभाग<br>Sub-division | मात्रा किसी एक समय में<br>Quantity at any one time |
|-----------------|--------------------------------------|------------------------------------|---------------------------|----------------------------------------------------|
| 1.              | Nitrate Mixture                      | 2,0                                | 0                         | 150 Kg.                                            |
| 2.              | Electric Detonators                  | 6,3                                | 0                         | 1000 Nos.                                          |
| 3.              | Safety Fuse                          | 6,1                                | 0                         | 2000 Mtrs                                          |
| 4.              | Ordinary Detonator                   | 6,3                                | 0                         | 3000 Nos.                                          |

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

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

20 times  
as above.

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

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

रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1105(E55915)

दिनांक (Dated) 13/03/2024

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

Survey No. 563/11, ग्राम (Town/Village) : Paraalikkad village, Thalappilly Taluk, Thrissur Di

जिला (District) THRISSUR पुलिस थाना (Police Station) : Vaddakkanchery

राज्य (State) Kerala पिनकोड (Pincode) 680621

दूरभाष (Phone) ई. मेल (E-Mail) फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्निहित हैं।

The licensed premises consist of following facilities.

G(726) T(1263) and T(1201) type portable magazine (Mfd by M/s Noble Engineering and  
Fabrication Unit, Cochin) Now totally three magazines

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

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

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

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

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

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

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

9. यह अनुज्ञप्ति तारीख 31 मार्च 2015 तक विधिमाम्य रहेगी। This licence shall remain valid till 31st day of March 2015.

यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञप्ति की शर्तों का अधिक्रमण करने या यदि 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 - 19/10/2010

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

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 23/11/2011
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 23/11/2011
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 24/10/2013
- Amendment in Drawings/Facilities/Premises dated : 13/03/2024

नवीनीकरण के पृष्ठांकन के लिए स्थान  
Space for Endorsement of Renewal

नवीकरण की तारीख  
Date of Renewal

समाप्ति की तारीख  
Date of Expiry

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

28/02/2023

31/03/2025

Sd/-  
Dy. Chief Controller of Explosives, Emakulam

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.

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

Digitally signed by Dr T L THANULINGAM  
Reason: Licence No. : E/SC/KL/22/1105  
Location: Chennai [E55915]  
Date: 13-03-2024 10:28:23 AM





भारत सरकार | Government of India  
वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry  
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसी) | Petroleum & Explosives Safety Organisation (PESO)  
पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives  
A और D - विंग, ब्लॉक 1-8, दूसरा तल, शास्त्री भवन | A & D - Wing, Block 1-8, IInd Floor, Shastri Bhavan  
26 हड्डोउस रोड, नुगम्बक्कम चेन्नै | 26 Haddous Road, Nungambakkam Chennai 600006  
फोन (Phone):- 28281023 | फैक्स (Fax):- 28284848

संख्या (No.): E/SC/KL/22/1105(E55915)

दिनांक (Date): 13/03/2024

सेवा में | To,

Shri V.J.Chacko,  
Vadakkethala Pindani, Chettupuzha P.O., Thrissur District, Kerala-680621, Town/Village - Chettupuzha  
District-THRISSUR, State-Kerala, Pincode - 680621

विषय: Survey No.563/11, ग्राम Paraalikkad village, Thalappilly Taluk, Thrissur Di, जिला THRISSUR, राज्य Kerala में मेसर्स Shri V.J.Chacko द्वारा विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/1105(E55915) के संशोधन संदर्भ में।  
(अरेखण / सुविधाएं / परिसर में परिवर्तन)

Subject: Possession for Use of Explosives from magazine situated at Survey No.:563/11, Paraalikkad village, Thalappilly Taluk, Thrissur Di, Dist. THRISSUR, Kerala -Licence No.: E/SC/KL/22/1105(E55915) granted in Form LE-3 of Explosives Rules, 2008 -  
(Amendment in Drawings/Facilities/Premises).

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या 113463 दिनांक 13/03/2024 का संदर्भ ग्रहण करें।  
Please refer to your letter no. 113463 dated 13/03/2024.

अनुज्ञप्ति संख्या E/SC/KL/22/1105(E55915) Usage of Explosives at the Proposed Granite Building Stone Quarry of the Licensee situated at Re-Survey No.: 153/7, Wadakkancherry Vill, Thalappilly T.K, Thrissur Dt Kerala, wide the E.C No. 176/Q/2022, dated 20.10.2022 issued SEIAA, Kerala under the following conditions 1. Opening of Mines should be intimated to DGMS and Director of Mines & Geology. 2. Blasting Operations should be conducted as per Mines Act & Rules. 3. Usage of Explosives to be as per Explosives Rules, 2008 and all records to be maintained as per the Explosives Rules, 2008. 4. All unused Explosives should be returned to Explosive magazine before Sunset. 5. Transportation of Explosives to be Followed as per Explosives Rules, 2008 and RE6 and RE13 to be maintained as per the Rules. 6. Other Permissions from the State/Central Government Authorities needed to be obtained by the Licensee/Occupier for the Transportation, Usage of Explosives. 7. Licensee/Occupier to be responsible for all activities related to the Blasting, Transportation and any other activities under Explosives Rules, 2008. के संदर्भ में यथा संशोधित कर भेजी जा रही है।  
The Licence No.: E/SC/KL/22/1105(E55915) is forwarded herewith duly amended in respect of followings ;

Usage of Explosives at the Proposed Granite Building Stone Quarry of the Licensee situated at Re-Survey No.: 153/7, Wadakkancherry Vill, Thalappilly T.K, Thrissur Dt Kerala, wide the E.C No. 176/Q/2022, dated 20.10.2022 issued SEIAA, Kerala under the following conditions 1. Opening of Mines should be intimated to DGMS and Director of Mines & Geology. 2. Blasting Operations should be conducted as per Mines Act & Rules. 3. Usage of Explosives to be as per Explosives Rules, 2008 and all records to be maintained as per the Explosives Rules, 2008. 4. All unused Explosives should be returned to Explosive magazine before Sunset. 5. Transportation of Explosives to be Followed as per Explosives Rules, 2008 and RE6 and RE13 to be maintained as per the Rules. 6. Other Permissions from the State/Central Government Authorities needed to be obtained by the Licensee/Occupier for the Transportation, Usage of Explosives. 7. Licensee/Occupier to be responsible for all activities related to the Blasting, Transportation and any other activities under Explosives Rules, 2008..

किसी भी एक समय में लाइसेंस क्षमता निम्नलिखित वर्ग तथा मात्रा से अधिक नहीं होगी।

The licence capacity at any one time shall not exceed the kinds and quantities mentioned below ;

| संख्या<br>No | विस्फोटक<br>Explosive(s) | वर्ग<br>Class | प्रभाग<br>Div | उप-प्रभाग<br>Sub Div | क्षमता<br>Capacity | इकाई<br>Unit |
|--------------|--------------------------|---------------|---------------|----------------------|--------------------|--------------|
| 1            | Nitrate Mixture          | 2             | 0             | 0                    | 150                | Kg.          |
| 2            | Electric Detonators      | 6             | 3             | 0                    | 1000               | Nos.         |
| 3            | Safety Fuse              | 6             | 1             | 0                    | 2000               | Mtrs         |
| 4            | Ordinary Detonator       | 6             | 3             | 0                    | 3000               | Nos.         |

किसी एक कैलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा (अनुच्छेद 3 (ख) और (ग) के अधीन अनुज्ञप्ति के लिए लागू) : 20 गुना  
Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)] : 20 times as above.

यह अनुज्ञप्ति दिनांक 31 मार्च 2025 तक प्रवृत्त रहेगी।

This Licence shall remain valid till 31st day of March 2025.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया विस्फोटक नियम, 2008 के नियम 112 के अंतर्गत प्रक्रिया का पालन करें। कृपया पावती दें।

For further revalidation(if required), please follow the procedure under Rule 112 of Explosives Rules, 2008. Receipt of this letter may please be acknowledged.

भवदीय | Your's faithfully

(डा.टी.एल.थनुलिंगम | Dr. T. L. THANULINGAM)

संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of Explosives

दक्षिणांचल, चेन्नै | South Circle, Chennai

प्रतिलिपि प्रेषित | Copy Forwarded to:

- उप मुख्य विस्फोटक नियंत्रक कोची  
The Dy. Chief Controller of Explosives, Kochi
- District Magistrate, THRISSUR, Kerala with reference to his Noc No: C6/23353/2009/K.Dis. Dated: 28/05/2010
- Superintendent of Police, THRISSUR, Kerala.

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

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क आदि के लिए हमारी वेबसाइट <http://peso.gov.in> देखें।)  
(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

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



मैगजीन में वर्ग 1,2,3,4,5,6, और 7 के विस्फोटकों को विक्री या प्रयोग हेतु रखने के लिए प्ररूप एल.ई. 3 | अनुच्छेद 3 (ख) से (ग) | में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक द्वारा प्रदान किए जाने वाले अनुज्ञप्ति सं. E/SC/KL/22/1105(E55915) की शर्तें निम्नलिखित हैं।  
The following are the conditions of licence number E/SC/KL/22/1105(E55915) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c) ) granted by Chief controller of Explosives or Controller of Explosives.

1. परिसर में किसी भी समय विस्फोटकों की मात्रा अनुज्ञापन योग्य सामर्थ्य से अधिक नहीं होगी।  
The quantity of explosives on the premises at any one time shall not exceed the licensable capacity.
2. विस्फोटकों के भंडारण के लिए प्रयुक्त होने वाली मैगजीन अनुसूची III और अनुज्ञप्ति के उपाबंध में विनिर्दिष्ट सुरक्षा दूरी बनाए रखना होगा।  
The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to the licence.
3. मैगजीन का प्रयोग उन सभी विस्फोटकों के, जो इस अनुज्ञप्ति में विनिर्दिष्ट है, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं।  
The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
4. पैकजों को खोलने का कार्य और विस्फोटकों को तोलने तथा पैक करने का कार्य मैगजीन में नहीं किया जाएगा।  
The opening of packages and the weighing and packing of explosives shall not be carried on in the magazine.
5. दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर पृथक् कर दिया जाए कि किसी वजह से विस्फोटक में लगने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटक तक न पहुंच सके : परंतु—  
(घ) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पत्ती और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेरक पत्ती, जिनमें कोई खुला लोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थापन के रखे जा सकते हैं।  
(ङ) वर्ग 6 प्रभाग 3 के अंतर्गत आनेवाले विस्फोटक प्रेरक अलग रखे जाएंगे।  
(च) वर्ग 1 के अंतर्गत आने वाले बारूद को अलग रखा जाएगा।  
Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other; Provided that—  
(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space ;  
(e) Detonators belonging to Class 6 Division 3 shall be kept separately.  
(f) Gun powder belonging to Class 1 shall be kept separately.
6. वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुज्ञापन प्राधिकारी की विशेष मंजूरी के मैगजीन में नहीं रखा जाएगा।  
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.
7. वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी दे दी हो।  
(i) जब ऐसी मंजूरी दे दी गई हो तो प्रत्येक निरीक्षण पर किसी विस्फोटक नियंत्रक से ऐसा लिखित प्रमाणपत्र अभिप्राप्त कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आनेवाली अवधि दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुज्ञप्तिधारी अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा।  
(ii) जब कोई विस्फोटक मानक शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो ग्लायसीन या द्रव नाइट्रो योगिक के निकल जाने के चिह्न प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञप्तिधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करें।  
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.  
(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.  
(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.
8. मैगजीन के भीतरी भाग या उसमें लगी बेंचो, शेल्फों और उसकी फिटिंग का इस प्रकार सन्निर्माण किया जाएगा या उन्हें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोका जा सके। भीतरी भाग में लगी बेंचे, शेल्फें और फिटिंग यथासाध्य ग्रिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सम्यक सावधानी बरती जाएगी कि वहां कोई जल मौजूद न रहे : परंतु किसी लोहे या इस्पात के खुले होने के विरुद्ध सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बाध्यकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से भिन्न कोई विस्फोटक रखा गया है।  
The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from; Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.
9. यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञप्तिधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उसनी ही फीस अनुज्ञप्तिधारी द्वारा पश्चात्तर्ती प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तडित चालक को समाधानप्रद घोषित नहीं कर देता : परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के किए गए सभी परीक्षणों के लिए प्रभार्य होगा : परंतु यह और कि यदि दो या अधिक तडित चालक एक ही मैगजीन से संबद्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तडित चालक के परीक्षण के लिए हर स्थिति में विहित की गई है।  
If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the even of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory: Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day :  
Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.
10. उपयुक्त तथा जेब रहित कार्यकरण वस्तु, उपयुक्त जूतों के प्रयोग द्वारा तथा तलाशी लेकर या अन्यथा अथवा ऐसे किन्हीं साधनों द्वारा इस बाबत सम्यक उपबंध किया जाएगा कि फैक्ट्री परिसर में अग्नि, दियासलाई अथवा ऐसी कोई वस्तुएं या पदार्थ, जिससे विस्फोट हो सकता है या आग लग सकती हो, किन्तु इस शर्त के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम बत्ती का प्रवेश वर्जित नहीं है जिससे आग लगने या विस्फोट होने का खतरा न हो : परंतु इस शर्त का वह भाग, जो लोहे या इस्पात के अपवर्जन को लागू होता है, ऐसे किसी भवन के संबंध में बाध्य कर नहीं होगा जिससे भिन्न कोई विस्फोटक नहीं रखा गया है।  
Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching or otherwise or by such means, for preventing the introduction into danger area of the factory premises of fire, Lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or explosion: Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.



11. अनुज्ञापिधारी प्ररूप आर.ई.-3 और आर.ई.-4 या आर.ई.-5, जैसी स्थिति हो, मं सभी विस्फोटकों का अभिलेख और लेखा रखेगा और विस्फोटक नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर स्टॉक पुस्तक और अभिलेख प्रस्तुत करेगा। स्टॉक पुस्तक विहित प्रोफार्मा में पृष्ठ संख्यांकित होगी।  
The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforma shall be page numbered.
12. परिसरों में कोई परिवर्तन या तबदीली अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुज्ञापिधारी ऐसी किसी शर्त का अनुपालन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्दिष्ट करे।  
No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.
13. मैगजीन सभी समयों पर अच्छी मरम्मत की स्थिति में बनाई रखी जाएगी (या अच्छी हालत में बनाई रखी जाएगी)। यदि किसी कारणवश किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुज्ञापिधारी इस बात की सूचना अनुज्ञापन प्राधिकारी को तुरंत देगा।  
Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason whatsoever.
14. मैगजीन का अनुज्ञापिधारी इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा।  
The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.
15. यदि सुरक्षा दूरी का कोई अधिक्रमण होता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को आवश्यक सलाह और कार्यवाही के लिए तुरंत दी जाएगी।  
Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.
16. यदि कोई विस्फोटक विनष्ट हुआ अथवा अनुपयोगी जाया जाता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को, सलाह प्राप्त करने के लिए, तुरंत दी जाएगी।  
The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.
17. विस्फोटकों के पैकेटों के चट्टे इस प्रकार लगाए जाएंगे कि कम से कम एक व्यक्ति भण्डार किए गए सभी पैकेजों की हालत की जांच करने और प्रत्येक पैकेज की विनिर्माण विशिष्टियों को पढ़ने के लिए उनके बीच से होकर आ जा सके।  
The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.
18. तडित चालकों की भूमि के लिए प्रतिरोध यथासंभव न्यूनतम होगा और किसी भी दशा में 10 ओह्म से अधिक नहीं होगा।  
The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.
19. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुष्क घास या झाड़ी या ज्वलनशील सामग्री नहीं रहने दी जाएगी।  
A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.
20. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी।  
Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.
21. किसी मैगजीन / भण्डारगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा।  
Not more than 4 persons shall be allowed inside the magazine or store house at any one time.
22. विस्फोटकों के खाली पैकेजों को शीघ्रतश्चिन्ना वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा।  
Empty packages of the explosives shall be removed at the earliest and destroyed.
23. अनुज्ञापिधारी और कर्मचारियों को परिसर के भीतर आपातकाल के दौरान की जाने वाली प्रक्रियाओं से अवगत होना चाहिए।  
The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.
24. निरीक्षण या नमूना अधिकारी को सभी युक्तियुक्त समयों पर अनुज्ञात परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबंधों और सुरक्षा स्थितियों को सम्यक्तः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी।  
Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.
25. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञापिधारक को अनुज्ञात परिसरों या मशीनरी, द्रव या उपकरण में ऐसी कोई मरम्मत या परिवर्धन या परिवर्तन करने या सिफारिशों को लागू करने को लिखित रूप में सूचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञापिधारक सिफारिशों को निष्पादित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा।  
If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the license shall execute the recommendations and report compliance within the period specified by such authority.
26. अनुज्ञापिधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञात फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पत्ती खरीदेगा।  
The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.
27. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले आतिशबाजियों पटाखों की बिक्री और रखने के लिए -  
(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डी.बी.(ए1) या 145 डी.बी.(सी)पी.के. प्रतिबंधित होंगे;  
(ख) श्रृंखला (जुड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 लॉग10 (N) डी.बी. (सी) पी.के.प्रतिबंधित होंगे;  
The possession and sale of fire-crackers generating noise level exceeding;  
a) 125 dB(A) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;  
b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log10 (N) dB, where N = number of crackers joined together.
28. आग या विस्फोट द्वारा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत पास के पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी।  
Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

**अतिरिक्त शर्तें / Additional Conditions :**

1. अनुज्ञापिधारी विदेशी मूल के आतिशबाजी को ना प्रदर्शित करेगा, ना रखेगा और ना ही उसकी बिक्री करेगा। The licensee shall not exhibit, possess and sell fireworks of foreign origin.

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

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



# Annexure 6: Calibration Certificate of Vibration Meter



## ENVIRONMENTAL TEST & CALIBRATION LABORATORY

(An ISO: / 9001/2015 Certified Company)

(A Centre for Environmental Monitoring, Data Generation, Service & Calibration of Air Pollution Monitoring System, Old Monitoring Instruments Hire & Purchase, Services, Supplier of Environmental Monitoring Instruments, Consumables Accessories & Digital On-Line Scientific Goods)

K-307, UPSIDC Industrial Area, Site - V, Kasna, Greater Noida, Distt., - Guatam Budh Nagar-201310, U.P.  
Call No.: 09267945626, 0999139742, E-mail etcl.singh@gmail.com / shivshankar300@gmail.com

Job No. 21/2024

Calibration Certificate No. ETCL/VM/EEL/56

### CALIBRATION CERTIFICATE

Party Name

: M/S Envirodesigns Eco Labs  
Opposite Metro ,Pillar No - 544 , Eco Tower ,  
Janatha Junction , Palarivattom , Eranakulam,  
Kochi - 682 025

#### Instrument Details

Instrument  
Model

: Vibration Meter  
: VB-8205

Make

: HTC

ID NO.

: EEL/VBR/01

Calibration Date

: 19/04/2024

Calibration Valid Up to

: 18/04/2025

Temperature

: 27.4°C

Range / Resulation

: 0.1- 400 mm/sec / 0.1 - 400 m/s<sup>2</sup>/ 0.001- 4 mm

Resulation

: 0.01 mm/sec , 0.1 m/s<sup>2</sup> , 0.001 mm

Frequency (Hz)

: 10- 160

#### Reference Equipment

Used for Calibration

Digital Vibration Meter  
AM-4209

Lutron

Q962209

10/02/2024

09/02/2025

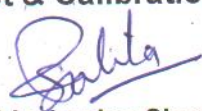
26.9°C

### CALIBRATION RESULTS

| Sr. No. | Std. Readings by Master (mm/s) | Reading for Unit Under Calibration (mm/s) (Velocity ) | Std. Readings by Master (m/s <sup>2</sup> ) | Reading for Unit Under Calibration (m/s <sup>2</sup> ) (Accelration) | Std. Readings by Master (mm) | Reading for Unit Under Calibration (mm) (Displacement) | Uncertainty     |
|---------|--------------------------------|-------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------|------------------------------|--------------------------------------------------------|-----------------|
| 1.      | 1.93                           | 1.91                                                  | 1.934                                       | 1.8                                                                  | 0.026                        | 0.028                                                  | +/-1.096 %<br>& |
| 2.      | 7.65                           | 7.42                                                  | 2.66                                        | 2.4                                                                  | 0.088                        | 0.085                                                  |                 |
| 3.      | 20.84                          | 20.93                                                 | 10.85                                       | 10.8                                                                 | 0.153                        | 0.154                                                  | +/-1.086 %<br>& |
| 4.      | 114.42                         | 114.44                                                | 14.46                                       | 14.4                                                                 | 0.292                        | 0.293                                                  |                 |
| 5.      | 220.54                         | 220.45                                                | 20.59                                       | 20.6                                                                 | 0.493                        | 0.492                                                  | +/-1.097 %<br>& |
| 6.      | 321.64                         | 321.52                                                | 21.65                                       | 21.8                                                                 | 1.874                        | 1.871                                                  |                 |

For Environmental Test & Calibration Laboratory



  
(Shivshanker Singh)  
Chief Executive

# Annexure 7: Monitoring Report

ENVIRODESIGNS

## ECO LABS

(Food Quality / Water / Environmental Testing Lab)

ISO 9001:2015, ISO 45001:2018 Certified Organization  
Recognised Lab by Ministry of Environment, Forests & Climate Change (Govt. of India) as per E(P) Act 1986  
Approved 'A' grade Lab by Kerala State Pollution Control Board

### VIBRATION MONITORING REPORT

Page 1 of 2

Report No. : EEL/LR/24/0028260/880  
Issue Date : December 30, 2024

Issued To:  
Sri. V.J Chacko  
Managing Partner  
M/s. Parlikkad Granites  
Parlikkad P.O  
Thrissur District.

Customer ref. : Verbal

Project: - Environmental Monitoring at Granite Building Stone Quarry Project of Sri V.J Chacko,  
over an area of 0.9996 hectares in Survey No. 153/7 of Wadakkanchery Village, Thalappilly Taluk,  
Thrissur Dist., Kerala.

Sample receipt form Ref. No. : SRF/V/12/880 dt. 26.12.2024

Monitoring done by: Lab field technicians

#### Sample Particulars: Vibration Monitoring

Date of monitoring : December 26, 2024  
Blasting Site : Area where blasting has done with specific charge and delay  
Lab identification code : V/12/880  
Method Used: Instrumental method (SOP No. EEL/ENV/MP/01)

#### Presentation of Results

| Blasting Location    |                                 | Location for Vibration Measurement |                                    |                                 | Frequency<br>(Hz) | Peak<br>particle<br>velocity<br>(PPV)<br>(mm/s) |
|----------------------|---------------------------------|------------------------------------|------------------------------------|---------------------------------|-------------------|-------------------------------------------------|
| Location<br>Code     | (GPS<br>Latitude,Longitude)     | Location<br>Code                   | Distance from<br>Blasting Location | (GPS<br>Latitude,Longitude)     |                   |                                                 |
| Blasting<br>Location | 10°38'6.10" N<br>76°14'29.65" E | M1                                 | 135.82 m                           | 10°38' 3.27"N<br>76°14'26.24"E  | 138               | 0.43                                            |
|                      |                                 | M2                                 | 186.43 m                           | 10°38' 11.39"N<br>76°14'32.64"E | 88                | 0.41                                            |



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ENVIRODESIGNS  
**ECO LABS**  
(Food Quality / Water / Environmental Testing Lab)

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Report No. : EEL/LR/24/0028260/880

DGMS Limit

Permissible Peak Particle Velocity (ppv) at the foundation level of structures in Mining Areas in mm/s

| Type of structure                                             | Dominant excitation Frequency, Hz |         |        |
|---------------------------------------------------------------|-----------------------------------|---------|--------|
|                                                               | <8 Hz                             | 8-25 Hz | >25 Hz |
| (A) Buildings/structures not belong to the owner              |                                   |         |        |
| (i) Domestic houses/structures(kuchha brick & cement)         | 5                                 | 10      | 15     |
| (ii) Industrial Buildings (RCC & Framed structures)           | 10                                | 20      | 25     |
| (iii) Objects of historical importance & sensitive structures | 2                                 | 5       | 10     |
| (B) Buildings belonging to owner with limited span of life    |                                   |         |        |
| (i) Domestic houses/structures(kuchha, brick & cement)        | 10                                | 15      | 25     |
| (ii) Industrial buildings (RCC & framed structures)           | 15                                | 25      | 50     |

Instrument used for Monitoring

Vibration meter, Make: HTC, Model VB-8205, Sl. No. N861716, ID No. EEL/VBR/01

....End of Report...

  
Susan Abraham  
Technical Manager  
Authorised Signatory  
Envirodesigns Eco Labs



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