

Building Stone Quarry Project

**Block No. 29, Re-survey No. 120/10 at Manickal
Village, Nedumangad Taluk, Thiruvananthapuram
District**

Environmental Clearance (EC) Order No. 1416/EC1/2019/SEIAA dated 27.02.2020

**Half Yearly Compliance Report (HYCR)
for the Period October 2022 to March 2023**

Project Proponent



Adani Vizhinjam Port Private Ltd. (AVPPL)

May 2023



Ports and
Logistics

Ref: AVPPL/MoEF/2023-24/2437

Date: 24th May 2023

To,
Ministry of Environment Forest and Climate Change (MoEF&CC),
Regional Office (Southern Zone), Kendriya Sadan,
IVth Floor, E&F Wings, 17th Main Road, IInd Block,
Koramangala, Bangalore-560034
rosz.bng-mefcc@gov.in

Subject: Submission of **Half Yearly Compliance Report (HYCR)** to Conditions of Environmental Clearance (EC) for the Period October 2022 to March 2023 - Reg.

Reference: EC for Building Stone Quarry in Block No. 29, Re-Survey No. 120/10 at Manickal Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala; by M/s. Adani Vizhinjam Port Pvt. Ltd. vide **No. 1416/EC1/2019/SEIAA dated 27.02.2020**

Dear Sir/Madam,

This is with reference to the Environmental Clearance (EC) Order No. 1416/EC1/2019/SEIAA issued on 27th February 2020 (vide reference cited) by the State Environmental Impact Assessment Authority (SEIAA), Kerala for the building stone quarry project in Block No. 29, Re-Survey No.120/10 in Manickal Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala; of M/s. Adani Vizhinjam Port Pvt. Ltd. (AVPPL).

The Half Yearly EC Compliance Report (HYCR) of the conditions stipulated in the cited reference for the period from **October 2022 to March 2023** is enclosed herewith for record and reference. You are requested to kindly acknowledge receipt of the same.

Thanking You.

Yours Sincerely,

Rajesh Jha
MD & CEO – Authorized Signatory




Enclosed: As mentioned above

Copy to: State Environment Impact Assessment Authority (SEIAA), K.S.R.T.C Bus Terminal Complex, 4th Floor, Thampanoor, Thiruvananthapuram, Kerala


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CIN: U61200GJ2015PTC083954

Registered Office:
Adani Corporate House, Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad-382421


	Adani Vizhinjam Port Private Limited (AVPPL)	From: October 2022 To: March 2023
Building Stone Quarry Project in Block No. 29, Re-survey No. 120/10 at Manickal Village, Nedumangad Taluk, Thiruvananthapuram District		

Half Yearly Compliance Report (HYCR) on Conditions Stipulated in Environmental Clearance (EC) Order No. 1416/EC1/2019/SEIAA dated 27.02.2020 for the Period October 2022 to March 2023		
S. No.	Conditions	Compliance Status as on March 31, 2023
Specific Conditions		
1	The Proponent shall follow the directions given by the District Collector, Thiruvananthapuram vide his NOC No. 137/127325/18 dated 13.07.2018. The copy of the NOC may also be enclosed with the EC.	<p>Complied</p> <p>Adani Vizhinjam Port Pvt. Ltd. (AVPPL) will follow the directions given by the District Collector, Thiruvananthapuram vide NoC No. B7-127329/18 dated 13.07.2018. Copy of the NoC was submitted along with Half Yearly Compliance Report (HYCR) for the period October 2021 to March 2022.</p> <p>The NoC was further renewed on the same terms and conditions vide NoC No. B7-127329/18 dated 04.01.2020 (Copy of the renewed NoC was submitted along with HYCR for the period October 2021 to March 2022).</p>
2	Activities relating to Corporate Environmental Responsibility amounting to Rs. 1.64 lakhs shall be carried out leading to protection and promotion of environment including waste management in the project district as per OM FNo.22-65/2017-IA-III dt.01.05.2018 of MoEF& CC as directed by Director, Directorate of Environment & Climate Change and supervised by District Collector.	<p>Being Complied</p> <p>A total of Rs. 1.64 Lakhs will be spent on Corporate Environment Responsibility (CER) with expense heads under specific activities leading to protection and promotion of environment in line with Ministry of Environment and Forests & Climate Change (MoEF&CC) Office Memorandum (OM) F.No.22-65/2017-IA.III dated 01.05.2018.</p> <p>Till 31.03.2023, an amount of Rs. 1.49 Lakhs has been spent towards CER Activities.</p>
3	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.	<p>Being Complied</p> <p>AVPPL commenced operation on 23.03.2022. AVPPL will carry out quarrying as per the Approved Mining Plan (submitted along with HYCR for the period October 2021 to March 2022) and will strictly follow the Kerala Minor Mineral Concession Rules (KMMCR), 2015 and amendments.</p> <p>During the compliance period (October 2022 to March 2023), a total of 0.269 Lakh Tons of building stones have been extracted and a total cumulative quantity of 0.719 Lakh Tons of building stones have been extracted from inception of mining on 23.03.2022 till 31.03.2023.</p>

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4	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.	Complied Mining is being conducted using Non-Electric Detonator (NONEL) method of Blasting only to minimize the air blast, fly rock and ground vibration. The Ignition will be the Non-Conventional and Eco-Friendly method by NONEL.
5	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 Honourable 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.	Will be Complied AVPPL shall undertake plantation as per Progressive Mine Closure Plan, which is included in the Approved Mining Plan (submitted along with HYCR for the period October 2021 to March 2022) as per KMMCR, 2015. AVPPL shall also undertake re-grassing in any other area which may have been disturbed due to mining activities to restore the land to a condition fit for growth of suitable flora.
General Conditions		
1	A separate environmental management and monitoring cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	Complied An Environmental Management and Monitoring Cell (EMMC) with qualified personnel has been set up by AVPPL. The cell is under the control of the Head of Department (HoD), Environment who reports directly to the Chief Executive Officer (CEO), AVPPL. The Organizational Structure for EMMC was submitted along with HYCR for the period October 2021 to March 2022. EMMC meetings are being held regularly to monitor the environmental issues at the quarry.


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2	Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, including of approach road and internal roads.	<p>Complied AVPPL has planted avenue trees at suitable locations like buffer zones, etc. for greenbelt development. A safety barrier area of 7.5 m from the boundary shall be developed as a greenbelt area by planting the local species.</p>  <p style="text-align: center;">Avenue Plantation</p> <p>At Mine Closure stage, the working pit shall be developed for water storage surrounded with local bio diversified vegetation. A total of 0.2922 Ha safety barrier area shall be used for development of greenbelt. Apart from this the plantation shall be carried out outside the lease area along haulage road.</p>
3	Sprinklers shall be installed and used in the project site to contain dust emissions.	<p>Complied Regular water sprinkling through water tankers is being carried out on haul roads and other dust prone areas such as loading and unloading of minerals.</p>


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		 <p style="text-align: center;">Water Sprinkling</p>
4	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent	Will be Complied Eco-restoration as per Mine Closure Plan is provided in the Approved Mining Plan (submitted along with HYCR for the period October 2021 to March 2022). The same shall be implemented during the closure at the cost of AVPPL.
5	In view of the deep pits left after the excavation, stacking at maximum top level should be carried out.	Complied Stacking of materials is not being carried out as all the produced materials are used for Breakwater Construction at Vizhinjam Seaort and are being transported directly to the Port site and not stacked at the quarry site.
6	Corporate Environment Responsibility agreed upon by the proponent should be implemented.	Being Complied Rs. 1.64 Lakhs will be spent on CER with expense heads under specific activities leading to protection and promotion of environment in line with Ministry of Environment and Forests & Climate Change (MoEF&CC) Office Memorandum (OM) F.No.22-65/2017-IA.III dated 01.05.2018. Till 31.03.2023, an amount of Rs. 1.49 Lakhs has been spent on CER Activities.
7	The project proponent shall comply the conditions stipulated by the statutory authorities concerned.	Being Complied AVPPL is complying with all applicable conditions stipulated by respective competent statutory authorities.

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8	Tarring /multiple options on the access roads shall be undertaken so as to reduce dust pollution during movement of vehicle.	<p>Complied AVPPL has developed a tar road of around 0.8 km from the quarry project site to Pirappancode Road (which is connected to Main Central (MC) Road – State Highway (SH)-1) for movement of vehicles to reduce the air pollution.</p>  <p>Tarred Road developed by AVPPL</p> <p>Loaded trucks start from the quarry site and moves through the road developed by AVPPL (0.8 km) and reaches the Pirappancode Road and traverses along Thembamoodu - Pirappancode State highway for 0.7 km and reaches MC road. From there trucks travel along MC road for only about 1 km to reach Thaikod junction. Thereafter, the trucks use the Thaikod - Kazhakootom Road to come to Vetturoad junction and from there it travels along NH 66 to Vizhinjam Port Project site.</p>
9	Overburden materials should be managed within the site and used for reclamation of mine pit as per mine closure plan / specific conditions	<p>Complied As such, the quarry had been mined earlier by another party and since this is already an open mine, there was minimal topsoil or overburden available in the quarry; all the produced materials are being used for Breakwater Construction at Vizhinjam Port and there would be no generation of waste.</p>
10	Height of benches should not exceed 5 m, and width should	<p>Complied As per the Approved Mining Plan (submitted</p>


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	not be less than 5 m, if there is no mention in the mining plan/specific condition.	along with HYCR for the period October 2021 to March 2022) bench height and width need to be maintained at maximum of 6.0 m also a 45° pit slope will be maintained; same is being adhered.
11	Ground level should be fixed in individual cases separately	Complied For every bench, ground level is fixed in MSL as individual cases separately. Surface plan with MSL levels is provided in the Approved Mining Plan (submitted along with HYCR for the period October 2021 to March 2022).
12	No mining operations should be carried out at places having a slope greater than 45.	Complied No mining operations are being carried out at places having a slope greater than a 45 degrees angle.
13	Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB. This condition is applicable only in such cases if a crusher is adjacent to the quarry	Not Applicable There is no crusher adjacent to the quarry as there will be no crushing and screening within the lease area.
14	The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.	Complied All employees are provided with relevant Personal Protective Equipment (PPEs) like Helmets, Shoes, Fluorescent Reflective Jackets, etc. 


Employee with PPE

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15	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Being Complied Mining operations are being carried out at the top level during the compliance period. However, garland drainage/garland canals have been developed in the lower slopes all along periphery of mining area to channelize storm water and prevent the entry of rainwater in the pit. The water from garland drain shall be diverted to silt settling tanks & rainwater harvesting ponds before releasing clarified water to the natural water course.
16	The transportation of minerals should be done in covered trucks to contain dust emissions. The proponent should plant trees at least 5 'times of: the loss: that has been occurred while clearing the land for the project. SEAC should assess the number of trees in each project site before the issuance of EC so as to ensure the promptness in, planting.	Complied The transportation of minerals in trucks is being undertaken covered with tarpaulin cover. Since this is an existing quarry which was already mined earlier, the quarry is in open condition. There was no clearing of land for the project and no trees have been cut down as there are no trees inside the lease area.
		
		Truck with Tarpaulin Cover
17	Explosives should be stored in magazines in isolated place specified and approved by Explosives Department	Complied AVPPL constructed 500 Kgs portable explosives magazine at an area called Chappath; which is 45 km away from the quarry location. AVPPL are transporting the explosives and detonators from Chappath to Manickal quarry through two authorized explosives vans for which following licenses were obtained from PESO: <ul style="list-style-type: none"> Explosives magazine license E/SE/KL/22/331(E121778) dated 13.09.2021 (enclosed as Annexure 1). Explosives van-1 (KL01CP2414) license E/SE/KL/25/99(E135886) dated 22.09.2021

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		(enclosed as Annexure 2). • Explosives van-2 (KL01CP2472) license E/SE/KL/25/99(E135883) dated 22.09.2021 (enclosed as Annexure 3).
18	A minimum buffer distance of 100m from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided.	Complied As per the Government of Kerala (GoK) State Gazette Notification G.O. (P) No. 25/2017/ID dated 22.06.2017, permit holder shall not carry on or allow to be carried on any quarrying operations at or to any points within 50 m from any residential buildings or from the nearest dwelling unit or other structures. Also, as per the Consent to Operate (CTO) obtained from KSPCB, quarrying activities are restricted to a distance more than 50 m from the nearby residential buildings. Further, DMG had communicated to SEIAA vide its letter No. 9363/M3/2018 dated 23.03.2019 (submitted along with HYCR for the period October 2021 to March 2022) that as per Rule 40 1(i) of the KMMC Rules, the lessee is permitted to carry out mining at 50 m from the residential houses. As per the map prepared by the village officer, the nearest house is 57.7 m from the boundary of the quarry.
19	50 m buffer distance should be maintained from forest boundaries.	Not Applicable There are no forests or forest lands in the vicinity of the project site.
20	Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating mining activity.	Complied CTO has been obtained from Kerala State Pollution Control Board (KSPCB) vide Consent No. vide Consent No.: PCB/TVM-DO/ICO/NDD/QRY/29/2020 dated 16.03.2020 valid up to 26.02.2025 (A copy of the same was submitted along with Letter No. AVPPL/MOEF/2020-21/1127 dated 13.05.2020 (submitted along with HYCR for the period October 2021 to March 2022)).
21	All other statutory clearances should be obtained, as	Complied AVPPL have obtained all applicable statutory

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	applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.	<p>clearances from the respective competent authorities. The following clearances have been obtained:</p> <ul style="list-style-type: none"> • Approved Mining Plan by District Geologist, Thiruvananthapuram vide Letter No. 362/DOT/ML/18 dated 24.07.2019 (Copy was submitted along with HYCR for the period October 2021 to March 2022). • No Objection Certificate (NoC) from Thiruvananthapuram District Collector vide Letter No. B7-127329/18 dated 13.07.2018 for Govt. land (Copy was submitted along with HYCR for the period October 2021 to March 2022). • The NoC was further renewed on the same terms and conditions vide NoC No. B7-127329/18 dated 04.01.2020 (Copy was submitted along with HYCR for the period October 2021 to March 2022). • Directorate of Mining and Geology, Govt. of Kerala, Thiruvananthapuram has issued a Letter of Intent (LOI) vide No. 5219/M3/2019 dated 07.06.2019. Copy was submitted along with Half Yearly Compliance Report for the period October 2021 to March 2022. • CTO has been obtained from Kerala State Pollution Control Board (KSPCB) vide Consent No.: PCB/TVM-DO/ICO/NDD/QRY/29/2020 dated 16.03.2020 valid up to 26.02.2025 (A copy of the same was submitted along with Letter No. AVPPL/MOEF/2020-21/1127 dated 13.05.2020, which has been submitted along with HYCR for the period October 2021 to March 2022). • Dangerous and Offensive Trade (D&O) License (Deemed as granted vide judgment dated 13.01.2021 in WP(C). No. 274 of 2021 (submitted along with HYCR for the period October 2021 to March 2022) • Lease Order from DMG vide Letter No. 7671/M3/2021 dated 22.01.2022 and Lease Execution from Additional Director of Mining and Geology vide Pro. Order No. 428/2021-22/5219/M3/2019/DMG dated 22.01.2022

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		<p>(submitted along with HYCR for the period October 2021 to March 2022)</p> <ul style="list-style-type: none"> Quarrying Lease Registration Agreement in Form H at Thiruvananthapuram Registrar Office dated 28.01.2022 (submitted along with HYCR for the period October 2021 to March 2022) Explosives magazine license E/SE/KL/22/331(E121778) dated 13.09.2021 (enclosed as Annexure 1). Explosives van-1 (KL01CP2414) license E/SE/KL/25/99(E135886) dated 22.09.2021 (enclosed as Annexure 2). Explosives van-2 (KL01CP2472) license E/SE/KL/25/99(E135883) dated 22.09.2021 (enclosed as Annexure 3).
22	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 only the E.C is issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority	<p>Noted</p> <p>Vizhinjam seaport is a major infrastructure project of Government of Kerala (GoK) being developed by AVPPL under PPP mode. AVPPL are under tremendous pressure by GoK to complete the breakwater construction works by August 2023, it would be only possible with an increase quantity of rock supply. AVPPL proposed to increase the production capacity of Manickal Quarry to meet the timeline set by GoK for making the Vizhinjam Port operational in 2023 itself.</p> <p>In this regard, AVPPL submitted an application to State Environmental Impact Assessment Authority (SEIAA), Kerala vide Proposal No. SIA/KL/MIN/292678 dated 10.10.2022 for amendment in the Environmental Clearance (EC) for modifications in the year-wise production capacity but no change in overall extraction quantity as per revised mining plan vide letter No. 362/DOT/ML/2019 dated 23.08.2022 (Annexure 4).</p> <p>The State Expert Appraisal Committee (SEAC), Kerala Members visited the project site on 18.12.2022 and the proposal was considered during the 136th Meeting of SEAC, Kerala where</p>

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		<p>the committee had some comments to not recommend the proposal. AVPPL had responded to those comments vide letter No. AVPPL/SEIAA/2022-23/2307 dated 24.01.2023 (Annexure 5).</p> <p>As per the revised mining plan, AVPPL were planning to extract 2.44 Lakhs MT by March 2023. As the mining plan got approval in August 2022 and SEIAA considered the proposal in January 2023, the extraction of 2.44 lakhs MT within March 2023 would not be feasible. Citing these facts AVPPL informed SEIAA of the request to DMG to change the production years, as mentioned in the revised mining plan as 1st year (2023-24) with 2,44,181 MT production and 2nd year (2024-25) with 23,062 MT production vide letter No. AVPPL/SEIAA/2022-23/2329 dated 15.02.2023 (Annexure 6). Further, SEIAA deliberated the same and instructed AVPPL to conduct a carrying capacity study and prepare a traffic management plan to cater to the increased production vide letter 1416/EC1/2019/SEIAA dated 02.03.2023 (Annexure 7), which is in progress.</p>
23	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
24	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	Noted

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	control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	
25	The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Environment Impact Assessment Authority (SEIAA) office and may also be seen on the website of the Authority at www.seiaakerala.org . The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.	Complied EC for the project was issued on 27.02.2020. Details of the EC were advertised in the local newspapers published on 01.03.2020 (A copy of the same was submitted along with HYCR for the period October 2019 to March 2020). The signed EC was submitted to SEIAA vide AVPPL/SEIAA/2019-20/1083 dated 04.03.2020 (A copy of the same was submitted along with Letter No. AVPPL/MOEF/2020-21/1127 dated 13.05.2020 (submitted along with HYCR for the period October 2021 to March 2022) A copy of the EC is available with the SEIAA office and it is also available on the website of the Authority at www.seiaakerala.in . The copy of EC is also uploaded to the company website: https://www.adaniports.com/Downloads
26	The Environmental Clearance shall be put on the website of the company by the proponent.	Complied The copy of EC is uploaded to the company website: https://www.adaniports.com/Downloads . Screenshot of the same was submitted along with Letter No. AVPPL/MOEF/2020-21/1127 dated 13.05.2020 (submitted along with HYCR for the period October 2021 to March 2022)
27	Proponent shall submit half yearly reports in soft copy and SEIAA will upload it on the website.	Complied HYCRs on the status of compliance of the stipulated clearance conditions are being submitted to all the concerned agencies. As per the Notification of Ministry of Environment and Forests & Climate Change (MoEF&CC) dated 26.11.2018, wherein submission of HYCRs by email/soft copy is declared acceptable, soft copy of HYCR for the period April 2022 to September

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S. No.	Conditions	Compliance Status as on March 31, 2023
		2022 has been submitted vide email dated 30.11.2022 (a copy of the email is enclosed as Annexure 8).
28	The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font of size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public	Complied The details of EC have been displayed at the site next to the entrance of the quarry, visible to the public. <div data-bbox="721 781 1418 1243" data-label="Image"> </div> EC Details Displayed on Board at Site
29	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.	Complied AVPPL have submitted Notarized Affidavit stating that all the conditions stipulated in the EC shall be scrupulously followed was submitted to SEIAA vide SEIAA vide AVPPL/SEIAA/2019-20/1083 dated 04.03.2020. A copy of the affidavit was submitted along with Letter No. AVPPL/MOEF/2020-21/1127 dated 13.05.2020, (submitted along with HYCR for the period October 2021 to March 2022).
30	No change in mining technology and scope of working should be made without prior approval of the SEIAA, No further expansion or modifications in the mine shall be carried out without prior approval of the SEIAA, as applicable	Noted Vizhinjam seaport is a major infrastructure project of Government of Kerala (GoK) being developed by AVPPL under PPP mode. AVPPL are under tremendous pressure by GoK to complete the breakwater construction works by August 2023, it would be only possible with an increase quantity of rock supply. AVPPL proposed to increase the production capacity of Manickal Quarry to meet the timeline set by GoK for making the Vizhinjam Port operational in 2023 itself.

	Adani Vizhinjam Port Private Limited (AVPPL)	From: October 2022 To: March 2023
Building Stone Quarry Project in Block No. 29, Re-survey No. 120/10 at Manickal Village, Nedumangad Taluk, Thiruvananthapuram District		


Half Yearly Compliance Report (HYCR) on Conditions Stipulated in Environmental Clearance (EC) Order No. 1416/EC1/2019/SEIAA dated 27.02.2020 for the Period October 2022 to March 2023		
S. No.	Conditions	Compliance Status as on March 31, 2023
		<p>In this regard, AVPPL submitted an application to State Environmental Impact Assessment Authority (SEIAA), Kerala vide Proposal No. SIA/KL/MIN/292678 dated 10.10.2022 for amendment in the Environmental Clearance (EC) for modifications in the year-wise production capacity but no change in overall extraction quantity as per revised mining plan vide letter No. 362/DOT/ML/2019 dated 23.08.2022 (Annexure 4).</p> <p>The State Expert Appraisal Committee (SEAC), Kerala Members visited the project site on 18.12.2022 and the proposal was considered during the 136th Meeting of SEAC, Kerala where the committee had some comments to not recommend the proposal. AVPPL had responded to those comments vide letter No. AVPPL/SEIAA/2022-23/2307 dated 24.01.2023 (Annexure 5).</p> <p>As per the revised mining plan, AVPPL were planning to extract 2.44 Lakhs MT by March 2023. As the mining plan got approval in August 2022 and SEIAA considered the proposal in January 2023, the extraction of 2.44 lakhs MT within March 2023 would not be feasible. Citing these facts AVPPL informed SEIAA of the request to DMG to change the production years, as mentioned in the revised mining plan as 1st year (2023-24) with 2,44,181 MT production and 2nd year (2024-25) with 23,062 MT production vide letter No. AVPPL/SEIAA/2022-23/2329 dated 15.02.2023 (Annexure 6). Further, SEIAA deliberated the same and instructed AVPPL to conduct a carrying capacity study and prepare a traffic management plan to cater to the increased production vide letter 1416/EC1/2019/SEIAA dated 02.03.2023 (Annexure 7), which is in progress.</p>
31	The Project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. Necessary	<p>Not Applicable</p> <p>There are no natural water courses and/or water resources of first order streams in and around the mine lease area.</p>

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	safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.	
32	The top soil, if any, shall temporarily be stored at earmarked site(s) only for the topsoil shall be 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 to. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.	Not Applicable As such, the quarry had been mined earlier by another party and since this is already an open mine, there was no topsoil or overburden available in the quarry; all the produced materials are being used for Breakwater Construction at Vizhinjam Port.
33	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, green belt development. etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.	Being Complied AVPPL are in the process of developing a siltation pond (5m X 5m X 2m depth) at the bottom of the quarry area to prevent run-off of water and flow of sediments. The water collected will be utilized for greenbelt development, etc. Since the land area for the proposed check dam falls under land that belongs to another party, AVPPL are in the process of leasing the same and signing an agreement with the landowner. The drains will be regularly desilted particularly after monsoon and maintained properly.
34	Effective safeguard measures such as- regular water	Being Complied Regular water sprinkling through water tankers

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Half Yearly Compliance Report (HYCR) on Conditions Stipulated in Environmental Clearance (EC) Order No. 1416/EC1/2019/SEIAA dated 27.02.2020 for the Period October 2022 to March 2023																													
S. No.	Conditions	Compliance Status as on March 31, 2023																											
	sprinkling shall be carried out in critical areas prone to air pollution and having high levels. 'of PM 10, and PM 2.5, such as haul Road, loading and unloading points and transfer points— it shall 'be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard	<p>on haul road and other dust prone areas such as loading and unloading of minerals is being carried out.</p> <p>Environment Monitoring at the site has been carried out by NABL accredited laboratory; M/s. Standards Environmental & Analytical Laboratories. Summary of the Ambient Air Quality Monitoring (AAQM) during the compliance period at 5 monitoring locations is mentioned below.</p> <table><tr><th>Parameter</th><th>Unit</th><th>Max</th><th>Min</th><th>Perm. Limit</th></tr><tr><td>PM₁₀</td><td>µg/m³</td><td>62.1</td><td>47.2</td><td>100</td></tr><tr><td>PM_{2.5}</td><td>µg/m³</td><td>35.9</td><td>25.7</td><td>60</td></tr><tr><td>SO₂</td><td>µg/m³</td><td>BDL</td><td>-</td><td>80</td></tr><tr><td>NO₂</td><td>µg/m³</td><td>BDL</td><td>-</td><td>80</td></tr></table> <p>The Ambient Air Quality Monitoring Report is enclosed as Annexure 9. All the monitored parameters were found within the prescribed limits.</p>			Parameter	Unit	Max	Min	Perm. Limit	PM ₁₀	µg/m ³	62.1	47.2	100	PM _{2.5}	µg/m ³	35.9	25.7	60	SO ₂	µg/m ³	BDL	-	80	NO ₂	µg/m ³	BDL	-	80
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35	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained	<p>Being Complied</p> <p>AVPPL has developed a tar road of around 0.8 km from the quarry project site to Pirappanacode Road (which is connected to MC Road) for movement of vehicles; thereby reducing the dust pollution.</p> <p>Also, regular water sprinkling through water tankers on haul road and other dust prone areas such as loading and unloading of minerals is being carried out.</p>																											
36	Measures should be taken for control of noise levels below 85 dBA in the work environment.	<p>Being Complied</p> <p>The following measures are being taken for the control of noise levels:</p> <ul style="list-style-type: none">• Drilling: Good captive silencers are being used in drilling equipment.• Blasting: AVPPL uses the NONEL method - bottom initiation to reduce the noise of blasting.• Machinery & Tippers: It is ensured that equipment is fitted with effective silencers, mufflers, acoustic linings, or shields, as necessary.																											

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S. No.	Conditions	Compliance Status as on March 31, 2023																		
		<ul style="list-style-type: none"> It is ensured that vehicles transporting the materials follow the speed limit to maintain the noise level. Vehicles are serviced regularly and maintained properly to avoid any unwanted generation of noise or vibration from them. <p>Ambient Noise is being monitored by NABL and MoEF&CC accredited laboratory; M/s. Standards Environmental & Analytical Laboratories as per Noise Pollution (Regulation & Control) Rules, 2000 (Rules 3 (1) and 4(1)) at 5 locations. Summary of the Ambient Noise Monitoring during the compliance period at 5 monitoring locations is mentioned below:</p> <table border="1"> <thead> <tr> <th>Location</th><th>L_{eq} Day time</th><th>L_{eq} Night time</th></tr> </thead> <tbody> <tr> <td>Project Site</td><td>59.1</td><td>41.0</td></tr> <tr> <td>St. Johns Hospital, Manikkal</td><td>51.9</td><td>40.3</td></tr> <tr> <td>Govt. L P School, Perumala</td><td>51.4</td><td>40.8</td></tr> <tr> <td>Kovilvila Sree Mahavishnu Temple</td><td>50.6</td><td>40.3</td></tr> <tr> <td>Operators Rest Room</td><td>50.4</td><td>39.5</td></tr> </tbody> </table> <p>The results obtained were compared with Noise Pollution (Regulation & Control) Rule, 2000 (Rule 3(1) and 4(1)) and it is observed that the noise readings were within limits at all monitoring locations. The Noise Monitoring report is enclosed as Annexure 10.</p>	Location	L _{eq} Day time	L _{eq} Night time	Project Site	59.1	41.0	St. Johns Hospital, Manikkal	51.9	40.3	Govt. L P School, Perumala	51.4	40.8	Kovilvila Sree Mahavishnu Temple	50.6	40.3	Operators Rest Room	50.4	39.5
Location	L _{eq} Day time	L _{eq} Night time																		
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37	The funds earmarked for environmental protection measures and CER activate should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the State Environment Impact Assessment Authority (SEIAA) office.	<p>Complied</p> <p>AVPPL has entered into a Concession Agreement with GoK for the construction and operation of Vizhinjam Port whereby it is mandated under Article 32 (submitted along with HYCR for the period October 2021 to March 2022) that an Escrow Account must be opened by AVPPL. All deposits must be made into this account and all payments must be routed through this account for the construction of the port. This account is directly under the monitoring of both the Central and State governments through the Senior Lenders.</p>																		


	Adani Vizhinjam Port Private Limited (AVPPL)	From: October 2022 To: March 2023
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S. No.	Conditions	Compliance Status as on March 31, 2023
		Therefore, it is requested that the provision of opening of separate account be absolved as there will be a direct contradiction to the Concession Agreement. As the owner of the quarry, AVPPL guarantees that the amount of Rs. 1.64 Lakhs earmarked for CER and funds earmarked for environmental protection measures will be kept as a balance in the current Escrow Account. Till 31.03.2023, an amount of Rs. 1.49 Lakhs has been spent on CER Activities.
38	The Regional Office of MOEF & CC located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (S) of the Regional Office by furnishing the requisite data/information/monitoring reports.	Noted All necessary support will be extended to the Regional Office of MoEF&CC located at Bangalore for the monitoring of the compliance of the stipulated conditions by furnishing the requisite data/information/monitoring reports.
39	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
40	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
41	The SEIAA may revoke or suspend the order, for non-implementation of any of the specific or this implementation of any of the above conditions is not satisfactory. The SEIAA	Noted


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Half Yearly Compliance Report (HYCR) on Conditions Stipulated in Environmental Clearance (EC) Order No. 1416/EC1/2019/SEIAA dated 27.02.2020 for the Period October 2022 to March 2023		
S. No.	Conditions	Compliance Status as on March 31, 2023
	reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection	
42	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
43	The Environmental Clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.	Noted
44	The mining operation shall be restricted to above ground water table and it should not intersect ground water table	Complied Mining operations will be restricted to workings at a higher level at the quarry and will not touch the ground water table. The mine is located at higher elevation on hill and the water table in the mine is much below the general surface. However, a few perched aquifers has been observed at a distance of about 130 m from the boundary of the mine. Here the observed water level to be about 10 m below from the surface. The expected deepest mining operation during this mining period shall be about 66 m above MSL; which will be much above the ground water table. No ground water is expected to be encountered during mining.
45	All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution taking centre. Washing of all vehicles shall be inside the lease area	Complied It is ensured that all vehicles used for transportation are having valid Pollution Under Control (PuC) certificate from the authorized center. Washing of vehicles is done in the lease area itself.

adani	Adani Vizhinjam Port Private Limited (AVPPL)	From: October 2022 To: March 2023
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Half Yearly Compliance Report (HYCR) on Conditions Stipulated in Environmental Clearance (EC) Order No. 1416/EC1/2019/SEIAA dated 27.02.2020 for the Period October 2022 to March 2023		
S. No.	Conditions	Compliance Status as on March 31, 2023
		 <p style="text-align: center;">PUC Certificate</p>
46	Project proponent should obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and ground water for the project	Not Applicable AVPPL are not withdrawing the surface water or ground water from the project area for any purposes.
47	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 reports to SEIAA	Not Applicable There are no springs and perennial nallahs flowing upstream and downstream of the mine lease area as there are no water courses and/or water resources of first order streams in and around the mine lease area.
48	Occupational health surveillance program of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed	Complied Occupational health surveillance programs of the workers are undertaken periodically to observe any contractions due to exposure to dust and take corrective measures. Statutory norms are being followed during mining to ensure the proper health and safety of workers. All the

adani	Adani Vizhinjam Port Private Limited (AVPPL)	From: October 2022 To: March 2023
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S. No.	Conditions	Compliance Status as on March 31, 2023
		<p>health and safety aspects as per the requirement and standards of the DGMS are being followed to ensure the health and safety of all persons employed at the mine.</p> <div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">FORM 'O' (Refer rules 29 - F (2) and 29 - 1)</p> <p style="text-align: center;">REPORT OF MEDICAL EXAMINATION UNDER RULE 29 - B (To be issued in triplicate)</p> <p>Certificate No. _____</p> <p>Certified that Shri <u>Manickal</u> <u>Des</u> employed as <u>mine</u> for H. No. has examined for an annual/periodical medical examination. He appears to be <u>32</u> years of age. The findings of the examining authority are given in the attached sheet. It is considered that Shri <u>Manickal Des</u></p> <p><u>is</u> medically fit for employment in mines and is medically unfit for</p> <p>(i) <u>is suffering from</u> _____</p> <p>Any employment in mines, or</p> <p>Any employment below ground, or</p> <p>Any employment or work</p> <p><u>is</u> suffering from _____ and should get this disability cured / controlled and should be again examined within a period of _____ months. He will appear for re-examination with the result of test of _____ and the opinion of _____ he may be permitted / not permitted to carry on his duties during this period.</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  <p>Place: <u>Adani Vizhinjam Port</u> Date: <u>01/04/23</u></p> </div> <div style="text-align: right;"> <p>Signature of the examining authority</p> <p><u>Dr. STEPHEN RAJ R.R.</u></p> <p>Name and Designation in block letters</p> </div> </div> </div>

Medical Examination Report (Form O)

Annexures:

Annexure Number	Details of Annexure
Annexure 1	Explosives Magazine License
Annexure 2	Explosives Van-1 License
Annexure 3	Explosives Van-2 License
Annexure 4	Letter from DMG for Approval of Modified Mining Plan
Annexure 5	AVPPL Letter to SEIAA as Response to Observations of SEAC
Annexure 6	AVPPL Letter to SEIAA for Details of Change in Year-wise Production
Annexure 7	Letter from SEIAA regarding Traffic Management Plan
Annexure 8	Email Submission of HYCR for the period April 2022 to September 2022
Annexure 9	Ambient Air Quality Monitoring Report
Annexure 10	Noise Monitoring Report

Annexure 1: Explosives Magazine License



भारत सरकार | Government of India
वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो) | Petroleum & Explosives Safety Organisation (PESO)
पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives
केन्द्रीय भवन, ब्लाक सी-2, तीसरी मंजिल | Kendriya Bhavan, Block C-2, 3rd Floor
CSEZ पी.ओ.कक्कनाड कोच्ची | CSEZ PO Kakkanad Dist. Ernakulam Ernakulam 682037
फोन (Phone):- 2427286 | फैक्स (Fax):- 2427276

संख्या (No.): E/SE/KL/22/331(E121778)

दिनांक (Date): 13/09/2022

सेवा में | To,

Shri RAJESH KUMAR JHA,
CEO, M/s. Adani Vizhinjam Port Pvt. Ltd. Floor No.2, Vipanchika Tower, Thycad, Town/Village - Kottukal
District-THIRUVANANTHAPURAM, State-Kerala, Pincode - 695003

विषय: Survey No.117/15-1-2,117/13,117/14., ग्राम Kottukal, Neyyattinkara, जिला THIRUVANANTHAPURAM, राज्य Kerala में मेसर्स Shri RAJESH KUMAR JHA द्वारा विस्फोटक के मेगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SE/KL/22/331(E121778) के संशोधन संदर्भ में।
(अखण्ड / सुविधाएं / परिसर में परिवर्तन)

Subject: Possession for Use of of Explosives from magazine situated at Survey No.:117/15-1-2,117/13,117/14., Kottukal, Neyyattinkara, Dist. THIRUVANANTHAPURAM, Kerala - Licence No.: E/SE/KL/22/331(E121778) granted in Form LE-3 of Explosives Rules, 2008 - (Amendment in Drawings/Facilities/Premises).

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या Nil दिनांक 13/09/2022 का संदर्भ ग्रहण करें।
Please refer to your letter no. Nil dated 13/09/2022.

अनुज्ञप्ति संख्या E/SE/KL/22/331(E121778) (1.) INTIMATION REGARDING QUARRYING OPERATIONS AT BLOCK NO 29, R SY.NO.120/10 OF MANICKAL VILLAGE, NEDUMANGAD TALUK, THIRUVANANTHAPURAM DISTRICT, VIDE LETTER OF INDENT NO.5219/M3/2019 DATED 27/02/2020 & BLOCK NO. 37, R. SY. NO. 554/1, 554/5, 554/6, OF NAGAROO VILLAGE, CHIRIYINKEEZHU TALUK, THIRUVANANTHAPURAM DISTRICT VIDE LETTER OF INDENT NO.12118/M3/2018 DATED 23/11/2018 OF THE DIRECTORATE OF MINING & GEOLOGY, THIRUVANANTHAPURAM ARE HEREBY ACKNOWLEDGED AND THE ONLINE OFFICE RECORD IS UPDATED. (2.) NO USE OF EXPLOSIVES IS PERMITTED UNLESS VALID QUARRY PERMIT IS OBTAINED AND COPY SUBMITTED TO THIS OFFICE. LOCAL STATE GOVERNMENT AUTHORITIES APPROVAL/ENVIRONMENTAL CLEARANCE AS APPLICABLE AND RENEWED FROM TIME TO TIME SHALL BE IN POSSESSION (3.) LICENSED EXPLOSIVES VAN SHALL BE USED FOR TRANSPORTATION OF EXPLOSIVES FROM MAGAZINE TO BLASTING SITE. (4.) EXPLOSIVES AND DETONATORS SHALL NOT BE TRANSPORTED IN THE SAME VAN AND TO BE TRANSPORTED SEPARATELY FROM MAGAZINE TO THE BLASTING SITE. (5.) VAN SHALL NOT BE USED FOR STORAGE OF EXPLOSIVES AT SITE. (6.) IF ANY CHANGE OF QUARRY OR ADDITIONAL QUARRY IS INVOLVED, NECESSARY PRIOR APPROVAL/ENDORSEMENT SHALL BE OBTAINED FROM THE LICENSING AUTHORITY. (7.) OPENING OF QUARRY SHALL BE INFORMED TO THE DGMS AND BLASTING OPERATIONS SHALL BE CONDUCTED AS PER MINES ACT. (8.) APPROVED BLASTER SHALL BE APPOINTED IN THE QUARRY FOR BLASTING. (9.) ALL RECORDS OF USE OF EXPLOSIVES IN RE-3, RE-5, RE-7, RE-13 SHALL BE MAINTAINED. (10.) DAILY PASS FOR USE OF EXPLOSIVES (RE-13) SHALL BE GENERATED ONLINE. (11.) NECESSARY APPROVALS/LICENCES FROM OTHER DEPARTMENTS SHALL BE OBTAINED AS PER THE RULES के संदर्भ में यथा संशोधित कर भेजी जा रही है।

The Licence No.: E/SE/KL/22/331(E121778) is forwarded herewith duly amended in respect of followings ;

(1.) INTIMATION REGARDING QUARRYING OPERATIONS AT BLOCK NO 29, R SY.NO.120/10 OF MANICKAL VILLAGE, NEDUMANGAD TALUK, THIRUVANANTHAPURAM DISTRICT, VIDE LETTER OF INDENT NO.5219/M3/2019 DATED 27/02/2020 & BLOCK NO. 37, R. SY. NO. 554/1, 554/5, 554/6, OF NAGAROO VILLAGE, CHIRIYINKEEZHU TALUK, THIRUVANANTHAPURAM DISTRICT VIDE LETTER OF INDENT NO.12118/M3/2018 DATED 23/11/2018 OF THE DIRECTORATE OF MINING & GEOLOGY, THIRUVANANTHAPURAM ARE HEREBY ACKNOWLEDGED AND THE ONLINE OFFICE RECORD IS UPDATED. (2.) NO USE OF EXPLOSIVES IS PERMITTED UNLESS VALID QUARRY PERMIT IS OBTAINED AND COPY SUBMITTED TO THIS OFFICE. LOCAL STATE GOVERNMENT AUTHORITIES APPROVAL/ENVIRONMENTAL CLEARANCE AS APPLICABLE AND RENEWED FROM TIME TO TIME SHALL BE IN POSSESSION (3.) LICENSED EXPLOSIVES VAN SHALL BE USED FOR TRANSPORTATION OF EXPLOSIVES FROM MAGAZINE TO BLASTING SITE. (4.) EXPLOSIVES AND DETONATORS SHALL NOT BE TRANSPORTED IN THE SAME VAN AND TO BE TRANSPORTED SEPARATELY FROM MAGAZINE TO THE BLASTING SITE. (5.) VAN SHALL NOT BE USED FOR STORAGE OF EXPLOSIVES AT SITE. (6.) IF ANY CHANGE OF QUARRY OR ADDITIONAL QUARRY IS INVOLVED, NECESSARY PRIOR APPROVAL/ENDORSEMENT SHALL BE OBTAINED FROM THE LICENSING AUTHORITY. (7.) OPENING OF QUARRY SHALL BE INFORMED TO THE DGMS AND BLASTING OPERATIONS SHALL BE CONDUCTED AS PER MINES ACT. (8.) APPROVED BLASTER SHALL BE APPOINTED IN THE QUARRY FOR BLASTING. (9.) ALL RECORDS OF USE OF EXPLOSIVES IN RE-3, RE-5, RE-7, RE-13 SHALL BE MAINTAINED. (10.) DAILY PASS FOR USE OF EXPLOSIVES (RE-13) SHALL BE GENERATED ONLINE. (11.) NECESSARY APPROVALS/LICENCES FROM OTHER DEPARTMENTS SHALL BE OBTAINED AS PER THE RULES.

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 No	विस्फोटक Explosive(s)	वर्ग Class	प्रभाग Div	उप-प्रभाग Sub Div	क्षमता Capacity	इकाई Unit
1	Nitrate Mixture	2	0	0	500	Kg.
2	Electric Delay Detonators	6	3	0	10000	Nos.
3	Non Electric (Nonel) detonators	6	3	0	10000	Nos.

किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा (अनुच्छेद 3 (ख) और (ग) के अधीन अनुज्ञप्ति के लिए लागू) : 5 गुना
Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)] : 5 times as above.

यह अनुज्ञप्ति दिनांक 31 मार्च 2026 तक प्रवृत्त रहेगी।

This Licence shall remain valid till 31st day of March 2026.

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

(पी.के.राणा | Dr. P. K. Rana)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

कोच्ची | Ernakulam

प्रतिलिपि प्रेषित | Copy Forwarded to:

1. District Magistrate, THIRUVANANTHAPURAM, Kerala with reference to his Noc No: DCTVM-2985/2019 Dated: 26/07/2021
2. Superintendent of Police, THIRUVANANTHAPURAM, Kerala.

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives
कोच्ची | Ernakulam

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

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

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

(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग I 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/SE/KL/22/331(E121778)

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



1. Licence is hereby granted to

Shri RAJESH KUMAR JHA (अधिभोगी / Occupier : Shri RAJESH KUMAR JHA), CEO, M/s. Adani Vizhinjam Port Pvt. Ltd. Floor No.2, Vipanchika Tower,Thycaud, Town/Village - Kottukal, District-THIRUVANANTHAPURAM, State-Kerala, Pincode - 695003

को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्राप्ति | Status of licensee : **Company**

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमाम्य है।

Licence is valid only for the following purpose.

possess for use of **Nitrate Mixture, Electric Delay Detonators, Non Electric (Nonel) detonators, - 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. 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	500 Kg.
2.	Electric Delay Detonators	6,3	0	10000 Nos.
3.	Non Electric (Nonel) detonators	6,3	0	10000 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)] :

5 times
as above.

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

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

रेखाचित्र क्र. (Drawing No.) E/SE/KL/22/331(E121778)

दिनांक (Dated) 13/09/2022

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

Survey No. 117/15-1-2,117/13,117/14. , ग्राम (Town/Village) : **Kottukal, Neyyattinkara पुलिस थाना (Police Station) : Thiruvananthapuram**

जिला (District) **THIRUVANANTHAPURAM**

दूरभाष (Phone) **7752011111**

राज्य (State) **Kerala**

ई. मेल (E-Mail)

rajesh.jha@adani.com

पिनकोड (Pincode)

695521

फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

The licensed premises consist of following facilities.

Two B type magazines fabricated by M/s.Industrial Explosives Pvt.Ltd. Nagpur

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.

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 2026 तक विधिमाम्य रहेगी। This licence shall remain valid till 31st day of March 2026.

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 अधिकमण करने या यदि अनुज्ञप्त 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 - 13/09/2021

उप मुख्य विस्फोटक नियंत्रक | Dy. Chief Controller of Explosives
Ernakulam

Amendments :

- Amendment in Drawings/Facilities/Premises dated : 13/09/2022

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
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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. P. K. RANA
Reason: Licence No. : E/SE/KL/22/331
Location:Ernakulam [E121778]
Date:2022.09.13 05:48:37 +05:30

मैगजीन में वर्ग 1,2,3,4,5,6, और 7 के विस्फोटकों को बिक्री 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/SE/KL/22/331(E121778) की शर्तें निम्नलिखित हैं।
The following are the conditions of licence number E/SE/KL/22/331(E121778) 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 हैं, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं।
The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
- पैकजों को खोलने का कार्य और विस्फोटकों को तोलने तथा पैक करने का कार्य मैगजीन में नहीं किया जाएगा।
The opening of packages and the weighing and packing of explosives shall not be carried on in the magazine.
- दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर 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 पलीते और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेरक पलीते, जिनमें कोई खुला लोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थायन 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.
- 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 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 ग्लाइसीन 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.
- मैगजीन के भीतरी भाग या उसमें लगी बेंचों, 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 बेंचें, शेल्फें और फिटिंग यथासाध्य ग्रीट 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 संश्लिष्ट 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 पश्चात्कर्त 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 लिए गए सभी परीक्षणों के लिए प्रभावी होगा :
परंतु यह और कि यदि दो या अधिक तडित चालक एक ही मैगजीन से संबद्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तडित चालक के परीक्षण के लिए हर स्थिति में विहित की गई है।
If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the even of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory:
Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day :
Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.
- उपयुक्त तथा जब रहित कार्यकरण वस्तु, उपयुक्त जूतों के प्रयोग द्वारा तथा तलाशी लेकर या अन्यथा अथवा ऐसे किन्हीं साधनों द्वारा इस बाबत सम्यक उपबंध किया जाएगा कि फेक्ट्री 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, में 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 करें।
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.
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.
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 चूटे 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.
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.
17. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुल्क 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 कर्मचारी 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 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.
23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञापिधारी को अनुज्ञात परिसरों या मशीनरी, टूल 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, 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 license shall execute the recommendations and report compliance within the period specified by such authority.
24. अनुज्ञापिधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञात फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पलीते खरीदेगा।
The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.
25. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले आतिशबाजियों पटाखों की बिक्री और रखने के लिए –
(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डी.बी.(ए1) या 145 डी.बी.(सी)पी.के. प्रतिबंधित होंगे;
(ख) श्रृंखला (जुड़े हुए पटाखे) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 लॉग.10(एन) डी.बी. (सी) पी.के. प्रतिबंधित होंगे;
The possession and sale of fire-crackers generating noise level exceeding;
a) 125 dB(A) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;
b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log10 (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 बिक्री करेगा। The licensee shall not exhibit, possess and sell fireworks of foreign origin.

कृते उप मुख्य विस्फोटक नियंत्रक
For Dy. Chief Controller of Explosives
एरणाकुलम | Ernakulam

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

Form DE-2
(See rule 113 of the Explosives Rules, 2008)
(Distance Form to be attached to the licence)

Safety distances required to be kept clear around magazine for high explosives or fire works or factory licence number E/SE/KL/22/331(E121778) in form LE-3 granted to Shri RAJESH KUMAR JHA, CEO, M/s.Adani Vizhinjam Port Pvt. Ltd. Floor No.2, Vipanchika Tower,Thycaud, Kerala-695521 .

Type of Structure(s)		Safety distances meters	
Inside Safety Distances(ISD)		M	UM
1	Room or Workshop used in Connection with the Magazine	19	29
2	Any other Explosives Magazine or store House or Factory of the Applicant		
3	Magazine Office		
Middle Safety Distances(MSD)			
4	Magazine Keeper's or Chowkidar's Dwelling house		
5	Railway including Minerals and Private Railways		
6	Canal (in active use) or other navigable water		
7	Dock or Pier or Jetty		
8	Public Highway or Public Road		48
9	Private Road which is PRINCIPAL means of access to a Temple, Mosque, Church, Gurudwara or other places of worships, Hospital, College, School or Factory		
10	River Embankment or Sea Embankment or Public Well		
11	Reservoir or Bounded tank/rope way		
12	Windmillor or Solar panel for Power Generation		
Outside Safety Distances(OSD)			
13	Dwelling House		
14	Govt. and Public Building		
15	Temple, Mosque, Church or Gurudwara or other Places of Worships		
16	Shops, Market place, Public recreation and Sports Ground, College, School, Hospital, Theater, Cinema or other Building where the public are accustomed to assemble		
17	Factory		
18	Buildings or Works used for the Storage in Bulk of Petroleum, Sprit, gas, or other inflammable or hazardous substances		
19	Building or Works used for Storage and Manufacture of Explosives or of articles which contain Explosives		95
20	Aerodrome		
21	Furnace, Kiln or Chimney		
22	Quarry or mine pit head		
23	Power House or Electric Substation		
24	Wireless Station		
25	Warehouse or other Storage Building		
26	Any other Protected works		
Overhead Electric lines			
27	Electric Power over head Transmission Lines above 440V		90
28	Electric Power over head Transmission Lines upto 440V		15

The Date : 13/09/2021

For Dy. Chief Controller of Explosives
Ernakulam

Amendments :

- Amendment in Drawings/Facilities/Premises dated : 13/09/2022

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

Digitally signed by Dr. P .K. RANA
Reason: Licence No. : E/SE/KL/22/331
Location:Ernakulam [E121778]
Date:2022.09.13 05:49:06 +05:30

Annexure 2: Explosives Van-1 License

KL01 CP 2414 Explosive Van
License



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

No: E/SE/KL/25/99(E135886)

Dated : 22/09/2021

To,
M/s. ADANI VIZHINJAM PORT PVT LTD.,
3rd Floor, Aspinwall House, Kuruvankonam, Thiruvananthapuram
Town/Village - Thiruvananthapuram
Distt. THIRUVANANTHAPURAM, State. Kerala, Pincode-695003

Subject: Road Van for the carriage of Explosives - Registration No KL01CP2414 Licence No.: E/SE/KL/25/99(E135886) granted in Form LE-7 under Explosives Rules, 2008 -Endorsement regarding -Endorsement of Licence.

Sir(s),

Reference memo No.: E/SE/KL/25/99(E135886) Dated 22/09/2021 from Dy. Chief Controller of Explosives, Ernakulam and inspection of the subject premises by an officer of this organization on 03/09/2021.

The subject licence No. E/SE/KL/25/99(E135886) valid upto 31st March 2026 duly endorsed is forwarded herewith.

For further renewal of licence, please submit following documents so as to reach this office on or before 31/03/2026.

- Application in Form RE-1 duly filled in and signed.
- Licence fees renewable for one to five years, to be submitted online through e-payment facility available on online application portal under the Explosives Rules, 2008.
- Original licence with approved plan.
- In this connection, please also refer to Rule 112 of Explosives Rules, 2008.

Please follow following instructions strictly:

1. The records of explosives transported by the licenced Roadvan shall be maintained in the proforma RE-6 under Part 5 of schedule V of Explosives Rules 2008.
2. Please ensure that persons whose antecedents verified by the local Police shall only be employed with the licenced explosives roadvan/compressor mounded truck as drivers or cleaners. List of such drivers and cleaner's alongwith the personal particulars shall be made available to the local police in advance. The re-verification of such staff shall also be made at least once in a year in compliance to Rule 61(3) of Explosives Rules 2008.
3. Please note that during transportation of explosives, the Roadvan shall always be attended to by two armed guards. If the consignment of explosives is likely to pass through sensitive areas notified by Ministry of Home Affairs, it should be escorted by armed Police escort / guard provided by District Police Administration as required in Rule 67(7) of Explosives Rules 2008.

Yours faithfully,

(Dr. R. Venugopal)
Deputy Chief Controller of Explosives
Ernakulam

Copy Forwarded to:

1. District Magistrate, THIRUVANANTHAPURAM, Kerala with reference to his Noc No: E/KL/TVM/NA/1(N8) Dated: 26/07/2021.

Deputy Chief Controller of Explosives
Ernakulam

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

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



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

No.: E/SE/KL/25/99(E135886)

Dated:22/09/2021

MEMORANDUM

Subject: Road Van for the carriage of Explosives - Registration No KL01CP2414 of M/s.ADANI VIZHINJAM PORT PVT LTD., 3rd Floor, Aspinwall House, Kuruvankonam, Thiruvananthapuram, Distt. THIRUVANANTHAPURAM, State. Kerala -Grant of Licence.

Two copies of Licence No.: E/SE/KL/25/99(E135886) granted to M/s.ADANI VIZHINJAM PORT PVT LTD., Survey No. 117/15-1, 117/15-2, 117/14, 117/13, Kottukal Vill, THIRUVANANTHAPURAM, Kerala for the period ending 31st March 31/03/2026 to transport Explosives by Road Van between SY NO. 117/15-1, 117/15-2, 117/14, 117/13, KOTTUKAL (V), NEYYATINKKARA (TK), THIRUVANANTHAPURAM DT. TO KADAVILA-I STONE QUARRY AT SY NO. 555/2, NAGARO are forwarded herewith to this office, with the request that if he is satisfied that all the conditions prescribed in the licence have been complied with, the original copy of the same be endorsed and forwarded to the licensee directly with an intimation to the District Magistrate, THIRUVANANTHAPURAM, Kerala and this office, retaining the other copy of the licence for his office record. If, however, he decides not to endorse the licence he shall immediately return the same to this office together with a statement of his reasons for not endorsing the licence, **not later than three months.**

(Dr. R.Venugopal)

Deputy Chief Controller of Explosives

उप मुख्य विस्फोटक नियंत्रक
Deputy Chief Controller of Explosives
एरनाकुलम Ernakulam

To,
this office

Copy Forwarded to:

1. **M/s.ADANI VIZHINJAM PORT PVT LTD., 3rd Floor, Aspinwall House, Kuruvankonam, Thiruvananthapuram, Distt. THIRUVANANTHAPURAM, State. Kerala - 695003 with reference to their application dated 22/09/2021.**
The Vehicle shall not be taken into use unless inspected by an officer and licence duly endorsed under Rule 107(3) of Explosives Rules 2008.

The records of explosives transported by the licenced Roadvan shall be maintained in the proforma RE-6 under Part 5 of schedule V of Explosives Rules 2008.

Please ensure that persons who are antecedents verified by the local Police only shall be employed with the licenced explosives roadvan/compressor mounded truck as drivers or cleaners. List of such drivers and cleaner's alongwith the personal particulars shall be made available to the local police in advance. The re-verification of such staff shall also be made at least once in a year in compliance to Rule 63 (3) of Explosives Rules 2008.

For further renewal please submit the following documents so as to reach **this office** on or before 31/03/2026.

- o Application in RE-1 duly filled in and signed.
- o Licence fees renewable for one to five years, to be submitted online through e-payment facility available on online application portal under the Explosives Rules, 2008.
- o Original licence with approved plan.
- o In this connection, please also refer to Rule 112 of Explosives Rules 2008.
2. **Superintendent of Police, THIRUVANANTHAPURAM, Kerala**
A copy of Licence along with approved plan is enclosed for his office record.

Deputy Chief Controller of Explosives
Ernakulam

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

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

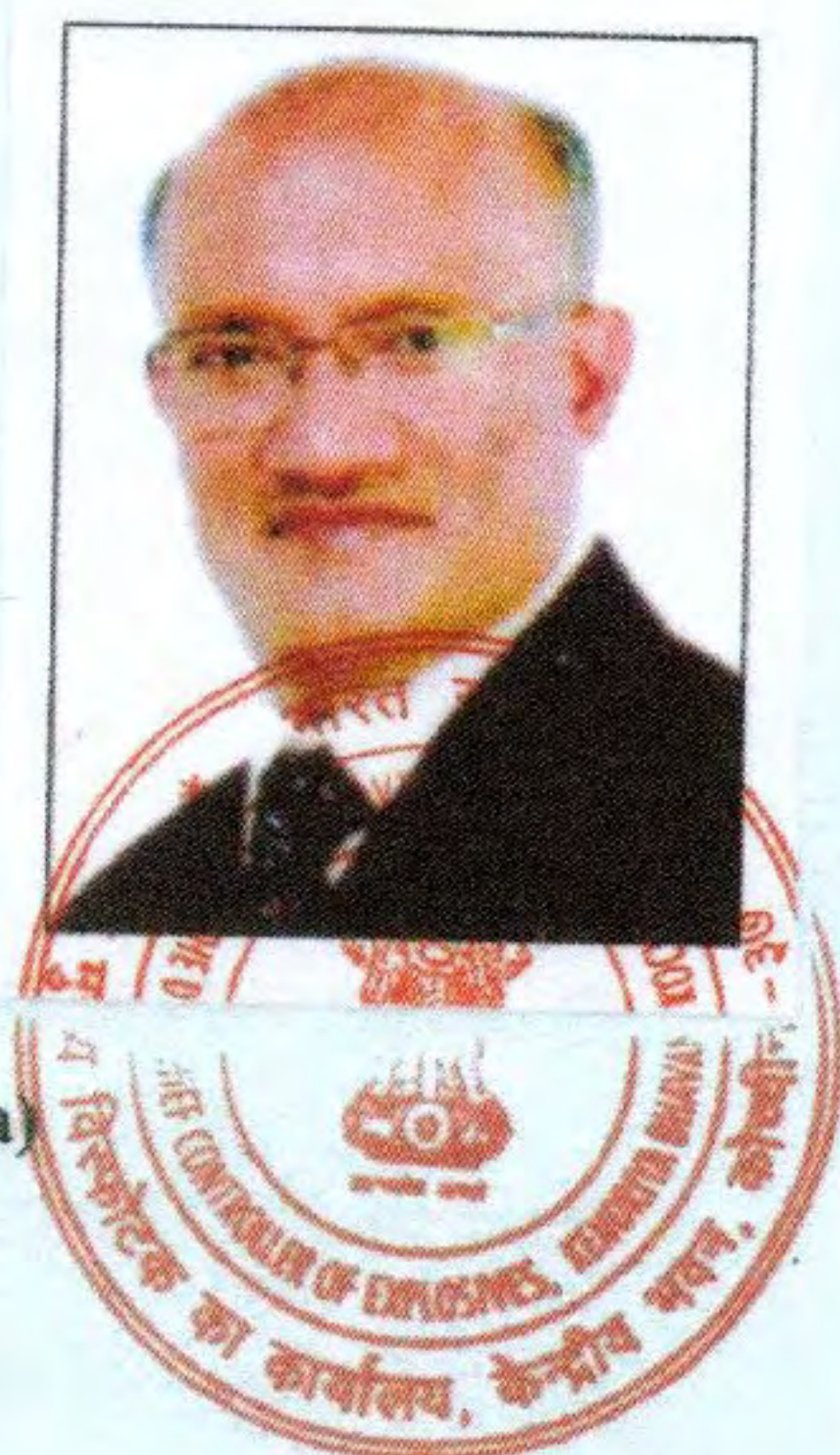
अनुज्ञाप्ति प्ररूप एलई - 7 | LICENCE FORM LE-7
(विस्फोटक नियम 2008 की अनुसूची 4 के भाग 1 का अनुच्छेद 7 देखें)
(See article no 7 of Part 1 of Schedule IV of Explosives Rules, 2008)

अनुज्ञाप्ति : सड़क वैन में विस्फोटकों के परिवहन के लिए
Licence to : transport explosives in a road van

अनुज्ञाप्ति संख्या / Licence No. : E/SE/KL/25/99(E135886)
वार्षिक फीस रूपए / Annual Fee Rs : 2500/-

अनुज्ञाप्ति प्रष्ठांकित
LICENCE ENDORSED

D G C E. Emakulam
उ. म. वि. नि. एरणाकुलम



- अनुज्ञाप्ति एतद्वारा जारी की जाती है
Licence is hereby granted to : M/s.ADANI VIZHINJAM PORT PVT LTD., (Occupier : Rajesh Kumar Jha)
3rd Floor, Aspinwall House, Kuruvankonam, Thiruvananthapuram,
District-THIRUVANANTHAPURAM, State-Kerala, Pincode-695003
- अनुज्ञाप्तिधारी की प्रास्थिति / Status of licensee : Company
- सड़क वैन की विशिष्टियाँ / Particulars of the road van:

पंजीकरण संख्या / Registration No.	KL01CP2414
यान का मेक एवं मॉडल / Make and model of vehicle	TATA SFC 407 EX/31 HT BS IV
लदान रहित वजन / Unladen weight	2950 Kg(s)
लदान सहित अधिकतम वजन / Maximum laden weight	6250 Kg(s)
परिवहन के लिए अनुज्ञेय विस्फोटकों की अधिकतम मात्रा Maximum quantity of explosives permitted for transport	3300 Kg(s)
इंजिन संख्या / Engine No.	4SPCR11EPY621445
चैसिस संख्या / Chassis No.	MAT505242K8E10649
अन्य फिटिंग्स का विवरण / Description of Other Fittings	
वाहन के लिए अनुमत्य विस्फोटकों की मात्रा / Quantity of Explosives permitted to carry	3300 Kg(s)

- अनुज्ञाप्त परिसर निम्नलिखित आरेखण (आरेखणों) के अनुरूप होना चाहिए / The licensed premises shall conform to the following drawing(s):
आरेखण संख्या / Drawing No : E/SE/KL/25/99(E135886) दिनांक / dated : 22/09/2021
- समय समय पर यथा संशोधित विस्फोटक अधिनियम, 1884 और उसके अधीन बनाए गए विस्फोटक नियम, 2008 के उपबन्धों और शर्तों एवं निम्नलिखित अनुलग्नकों के अधीन अनुज्ञाप्ति प्रदान 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 thereunder and the conditions and the following annexures....
(क) उपर्युक्त क्रम संख्या 4 में यथाकथित सड़क वैन का आरेखण / (a) Drawings of the road van as stated in serial no.4 above.
(ख) अनुज्ञापन प्राधिकारी द्वारा हस्ताक्षरित शर्तें / (b) Conditions signed by the licensing authority.
- यह अनुज्ञाप्ति तारीख 31 मार्च 2026 तक विधिमान्य रहेगी / This licence shall remain valid till 31st day of March 2026

यह अनुज्ञाप्ति, अधिनियम या उसके अधीन विरचित नियमों या इस अनुज्ञाप्ति की शर्तों के उल्लंघन, अनुसूची 5 के भाग 4 में सन्दर्भित, जहाँ भी लागू हो, या यदि अनुज्ञाप्त परिसर आरेखण या उससे संलग्न उपाबद्धों में दर्शाए गए विवरण के अनुरूप नहीं पाए जाने पर निलम्बित या प्रतिसंहत की जा सकती है।

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 Conditions, 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.

दिनांक / Date: 22/09/2021

उप मुख्य विस्फोटक नियंत्रक | Dy. Chief Controller of Explosives
एरणाकुलम | Ernakulam

अनुज्ञाप्ति के नवीनीकरण हेतु पृष्ठांकन / Endorsement for renewal of licence:

नवीनीकरण की तिथि
Date of Renewal

वैधता समाप्ति की तिथि
Date of Expiry

अनुज्ञापन प्राधिकारी के हस्ताक्षर
Signature of licensing authority

उप मुख्य विस्फोटक नियंत्रक
Deputy Chief Controller of Explosives

वैधानिक चेतावनी : विस्फोटकों का लापरवाही से प्रयोग या दुरुपयोग, विधि के अधीन गम्भीर दण्डित 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.

(सेट Conditions / Conditions)

सड़क वैन में विस्फोटकों के परिवहन के लिए प्ररूप एत.ई.-7 में विस्फोटक नियंत्रक द्वारा प्रदान किए जानेवाले अनुज्ञप्ति संख्या E/SE/KL/25/99(E135886) की शर्त निम्नलिखित हैं।

The following are the conditions of licence number E/SE/KL/25/99(E135886) to transport explosives in a road van in Form LE-7 granted by Controller of Explosives.

1. यह अनुज्ञप्ति किसी अन्य सड़क वैन को अंतरणीय नहीं है।
This licence is not transferable to any other explosives van.
2. यान, उसकी बॉडी और अन्य फिटिंग्स में कोई भी परिवर्तन, अनुज्ञापन प्राधिकारी के अनुमोदन के बिना नहीं किया जाना चाहिए।
No alterations should be made to the vehicle, its body and other fittings without approval from the licensing authority.
3. यह अनुज्ञप्ति या उसकी अभिप्रमाणित प्रति सदैव वैन में रखी जाएगी एवं निरीक्षण अधिकारी के मांगे जाने पर उसे प्रस्तुत किया जाएगा।
This licence or its authenticated copy shall at all times be kept in the van and produced on demand by an inspecting officer.
4. सड़क यान का, विस्फोटकों के परिवहन के लिए तब तक प्रयोग नहीं किया जाएगा जब तक कि वह ठीक हालत में नहीं है और विस्फोटक नियम 2008 का अनुपालन नहीं करती है।
The road van shall not be used for transport of explosives unless it is in a fit condition and complies with the Explosives Rules, 2008.
5. सड़क यान का प्रयोग, इस अनुज्ञप्ति द्वारा प्राधिकृत सामग्री से भिन्न किसी सामग्री के लिए तब तक नहीं किया जाएगा जब तक कि अनुज्ञापन प्राधिकारी द्वारा इसकी लिखित अनुमति न दे दी हो।
The road van shall not be used for transport of any material other than that authorised by this licence, unless permitted by licensing authority in writing.
6. सड़क यान में धूम्रपान नहीं किया जाएगा न उसमें अग्नि या कृत्रिम प्रकाश या कोई ऐसे वस्तु जिससे आग लग सकती हो, की अनुमति दी जाएगी।
No smoking and no fire or artificial light or any article capable of causing fire shall be allowed on the explosives van.
7. यान का प्रयोग यात्रियों के वहन के लिए नहीं किया जाएगा।
The vehicle shall not be used for carrying passenger.
8. जिस समय सड़क यान पर विस्फोटकों की लदाई या उतराई या परिवहन किया जा रहा हो, उस समय सड़क यान ऐसे किसी सक्षम व्यक्ति के प्रभार में होगी जिसे विस्फोटकों की धरा-उठाई करने का अनुभव है और उनसे पूर्णतः परिचित है। जहाँ यान अनुज्ञप्तिधारी द्वारा न चलाया जा रहा हो वहाँ एक ऐसा दस्तावेज, जिस पर अनुज्ञप्तिधारी के हस्ताक्षर हों और उन व्यक्तियों का नाम दर्ज हो जिन्हें यान को चलाने के लिए प्राधिकृत किया गया हो, वैन के साथ ले जाया जाएगा और किसी निरीक्षण अधिकारी द्वारा मांग की जाने पर उसे पेश किया जाएगा।
Road van, while explosives are being loaded or unloaded or transported shall always be under the charge of competent person who shall be experienced in handling of explosives and fully conversant there under. Where the vehicle is not driven by the licence holder, a document signed by the licensee naming persons authorised to drive and accompany the vehicle shall be carried in the van and produced on demand to an inspecting officer.
9. सड़क यान में किसी भी विस्फोटक का परिवहन तब तक नहीं किया जाएगा जब तक कि वे विस्फोटक नियमों के अनुसार या मुख्य विस्फोटक नियंत्रक द्वारा विनिर्दिष्ट रीति से पैक न कर दिए गए हों।
No explosives unless they are packed in accordance with the Explosives Rules or in a manner specified by the Chief Controller shall be transported in the explosives van.
10. किन्हीं अन्य विस्फोटकों के साथ डिटोनेटर्स का परिवहन नहीं किया जाएगा।
Detonators shall not be transported with any other explosives.
11. यदि सड़क यान में कोई टूट फूट हो जाती है या उसमें आग लग जाती है या विस्फोट हो जाता है अथवा सड़क यान इनमें किसी से अंतर्ग्रस्त हो जाती है तो ऐसी टूट फूट, दुर्घटना, अग्नि या विस्फोट की पूरी रिपोर्ट के साथ इस तथ्य की जानकारी अनुज्ञापन प्राधिकारी को तुरन्त दी जाएगी। यदि ऐसी दुर्घटना, अग्नि या विस्फोट में किसी व्यक्ति की मृत्यु हो जाती है या किसी व्यक्ति या सम्पत्ति को गम्भीर क्षति पहुँचती है तो उसकी रिपोर्ट निकटतम पुलिस स्टेशन को तुरन्त की जाएगी।
Any breakdown, accident, fire or explosion occurring in or involving the road van, shall be immediately reported to the licensing authority together with a full report of such breakdown, accident, fire or explosion. If such accident, fire or explosion is attended with loss of human life or serious injury to person or property, a report shall also be made immediately to the nearest Police Station.
12. विस्फोटकों को यान में परेषक के अनुज्ञप्त परिसर में ही लादा जाएगा और परेषिती के अनुज्ञप्त परिसर पर ही यान से उतारा जाएगा।
The explosives shall be loaded into the van only at the licensed premises of consignor and unloaded from the van at the licensed premises of the consignee.
13. अनुज्ञप्तिधारी, परिवहन किए जाने वाले विस्फोटकों का लेखाजोखा प्ररूप आरई-6 में रखेगा और निरीक्षण अधिकारी द्वारा मांगे जाने पर प्रस्तुत करेगा।
The licensee shall maintain account of explosives transported in Form RE-6 and present the same on demand by an inspecting officer.
14. अनुज्ञप्तिधारी और कर्मचारी परिसर के भीतर आपात के दौरान की जाने वाली प्रक्रिया से अवगत होंगे।
The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.
15. किसी निरीक्षण करने या नमूना लेने वाले अधिकारी को सभी युक्तियुक्त समय पर अनुज्ञप्त परिसर में अबाध पहुँच प्रदान की जाएगी और यह अभिनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबन्धों तथा सुरक्षा सम्बन्धी शर्तों का सम्यक् रूप से पालन किया जाता है, उस अधिकारी को प्रत्येक सुविधा उपलब्ध कराई जाएगी।
Free access 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 or these rules and these conditions are duly observed.
16. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक, लिखित में अनुज्ञप्तिधारक को ऐसी संस्तुतियों को क्रियान्वित करने के लिए, जो ऐसे प्राधिकारी की राय में अमान्य जोखिम उत्पन्न कर सकता है और स्थल पर या स्थल से बाहर व्यक्तियों की सुरक्षा के लिए आवश्यक है, सूचित करता है तो अनुज्ञप्तिधारी उन संस्तुतियों को निष्पादित करेगा और ऐसे प्राधिकारी द्वारा विनिर्दिष्ट अवधि के भीतर अनुपालन की रिपोर्ट देगा।
If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to 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 persons, the holder of the license shall execute the recommendations and report compliance within the period specified by such authority.
17. अग्नि या विस्फोटक के कारण होने वाली दुर्घटना और विस्फोटकों की हानि, कमी या चोरी के बारे में निकटतम पुलिस स्टेशन और अनुज्ञापन प्राधिकारी तथा अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को तुरन्त 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


कृते उप मुख्य विस्फोटक नियंत्रक
For Dy. Chief Controller of Explosives
एरणाकुलम | Ernakulam

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

Annexure 3: Explosives Van-2 License

KL01 CP 2472 Explosives Van
Licence



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

No: E/SE/KL/25/98(E135883)

Dated : 22/09/2021

To,
M/s. ADANI VIZHINJAM PORT PVT LTD.,
3rd Floor, Aspinwall House, Kuruvankonam, Thiruvananthapuram
Town/Village - Thiruvananthapuram
Distt. THIRUVANANTHAPURAM, State. Kerala, Pincode-695003

Subject: Road Van for the carriage of Explosives - Registration No KL01CP2472 Licence No.: E/SE/KL/25/98(E135883) granted in Form LE-7 under Explosives Rules, 2008 -Endorsement regarding -Endorsement of Licence.

Sir(s),

Reference memo No.: E/SE/KL/25/98(E135883) Dated 22/09/2021 from Dy. Chief Controller of Explosives, Ernakulam and inspection of the subject premises by an officer of this organization on 03/09/2021.

The subject licence No. E/SE/KL/25/98(E135883) valid upto 31st March 2026 duly endorsed is forwarded herewith.

For further renewal of licence, please submit following documents so as to reach this office on or before 31/03/2026.

- Application in Form RE-1 duly filled in and signed.
- Licence fees renewable for one to five years, to be submitted online through e-payment facility available on online application portal under the Explosives Rules, 2008.
- Original licence with approved plan.
- In this connection, please also refer to Rule 112 of Explosives Rules, 2008.

Please follow following instructions strictly:

1. The records of explosives transported by the licenced Roadvan shall be maintained in the proforma RE-6 under Part 5 of schedule V of Explosives Rules 2008.
2. Please ensure that persons whose antecedents verified by the local Police shall only be employed with the licenced explosives roadvan/compressor mounded truck as drivers or cleaners. List of such drivers and cleaner's alongwith the personal particulars shall be made available to the local police in advance. The re-verification of such staff shall also be made at least once in a year in compliance to Rule 61(3) of Explosives Rules 2008.
3. Please note that during transportation of explosives, the Roadvan shall always be attended to by two armed guards. If the consignment of explosives is likely to pass through sensitive areas notified by Ministry of Home Affairs, it should be escorted by armed Police escort / guard provided by District Police Administration as required in Rule 67(7) of Explosives Rules 2008.

Yours faithfully,

(Dr. R. Venugopal)

Deputy Chief Controller of Explosives
Ernakulam

Copy Forwarded to:

1. District Magistrate, THIRUVANANTHAPURAM, Kerala with reference to his Noc No: E/KL/TVM/NA/1(N8) Dated: 26/07/2021.

Deputy Chief Controller of Explosives
Ernakulam

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

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

No.: E/SE/KL/25/98(E135883)

Dated: 22/09/2021

MEMORANDUM

Subject: Road Van for the carriage of Explosives - Registration No KL01CP2472 of M/s.ADANI VIZHINJAM PORT PVT LTD., 3rd Floor, Aspinwall House, Kuruvankonam, Thiruvananthapuram, Distt. THIRUVANANTHAPURAM, State. Kerala -Grant of Licence.

Two copies of Licence No.: E/SE/KL/25/98(E135883) granted to M/s.ADANI VIZHINJAM PORT PVT LTD., Survey No. 117/15-1, 117/15-2, 117/13, 117/14, Kottukal Vill, THIRUVANANTHAPURAM, Kerala for the period ending 31st March 31/03/2026 to transport Explosives by Road Van between SY NO.117/15-1, 117/15-2, 117/13, 117/14, KOTTUKAL (V), NEYYATINKKARA (TK), THIRUVANANTHAPURAM DT. TO KADAVILA-I STONE QUARRY AT SY NO. 555/2, NAGAROO are forwarded herewith to this office, with the request that if he is satisfied that all the conditions prescribed in the licence have been complied with, the original copy of the same be endorsed and forwarded to the licensee directly with an intimation to the District Magistrate, THIRUVANANTHAPURAM, Kerala and this office, retaining the other copy of the licence for his office record. If, however, he decides not to endorse the licence he shall immediately return the same to this office together with a statement of his reasons for not endorsing the licence, **not later than three months.**

(Dr. R.Venugopal)
Deputy Chief Controller of Explosives

To,
this office

Copy Forwarded to:

1. M/s.ADANI VIZHINJAM PORT PVT LTD., 3rd Floor, Aspinwall House, Kuruvankonam, Thiruvananthapuram, Distt. THIRUVANANTHAPURAM, State. Kerala - 695003 with reference to their application dated 22/09/2021.
The Vehicle shall not be taken into use unless inspected by an officer and licence duly endorsed under Rule 107(3) of Explosives Rules 2008.

The records of explosives transported by the licenced Roadvan shall be maintained in the proforma RE-6 under Part 5 of schedule V of Explosives Rules 2008.

Please ensure that persons who are antecedents verified by the local Police only shall be employed with the licenced explosives roadvan/compressor mounded truck as drivers or cleaners. List of such drivers and cleaner's alongwith the personal particulars shall be made available to the local police in advance. The re-verification of such staff shall also be made at least once in a year in compliance to Rule 63 (3) of Explosives Rules 2008.

For further renewal please submit the following documents so as to reach this office on or before 31/03/2026.

- o Application in RE-1 duly filled in and signed.
 - o Licence fees renewable for one to five years, to be submitted online through e-payment facility available on online application portal under the Explosives Rules, 2008.
 - o Original licence with approved plan.
 - o In this connection, please also refer to Rule 112 of Explosives Rules 2008.
2. Superintendent of Police, THIRUVANANTHAPURAM, Kerala
A copy of Licence along with approved plan is enclosed for his office record.

Deputy Chief Controller of Explosives
Ernakulam

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

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

अनुज्ञाप्ति प्ररूप एलई - 7 | LICENCE FORM LE-7
(विस्फोटक नियम 2008 की अनुसूची 4 के भाग 1 का अनुच्छेद 7 देखें)
(See article no 7 of Part 1 of Schedule IV of Explosives Rules, 2008)

अनुज्ञाप्ति : सड़क वैन में विस्फोटकों के परिवहन के लिए
Licence to : transport explosives in a road van

अनुज्ञाप्ति प्रष्ठांकित
LICENCE ENDORSED

अनुज्ञाप्ति संख्या / Licence No. : E/SE/KL/25/98(E135883)
वार्षिक फीस रूपए / Annual Fee Rs : 2500/-

D C C E., Ernakulam
उ. म. वि. नि. परनाकुलम



- अनुज्ञाप्ति एतद्वारा जारी की जाती है
Licence is hereby granted to : **M/s.ADANI VIZHINJAM PORT PVT LTD., (Occupier : Shri Rajesh Kumar Jha)**
3rd Floor, Aspinwall House, Kuruvankonam, Thiruvananthapuram,
District-THIRUVANANTHAPURAM, State-Kerala, Pincode-695003
- अनुज्ञाप्तिधारी की प्राप्ति / Status of licensee : Company
- सड़क वैन की विशिष्टियाँ / Particulars of the road van:

पंजीकरण संख्या / Registration No.	KL01CP2472
यान का मेक एवं मॉडल / Make and model of vehicle	TATA SFC 407 EX/31 HT BS IV
लदान रहित वजन / Unladen weight	2940 Kg(s)
लदान सहित अधिकतम वजन / Maximum laden weight	6250 Kg(s)
परिवहन के लिए अनुज्ञेय विस्फोटकों की अधिकतम मात्रा Maximum quantity of explosives permitted for transport	3310 Kg(s)
इंजिन संख्या / Engine No.	4SPCR11EPY623247
चैसिस संख्या / Chassis No.	MAT505242K8E11332
अन्य फिटिंग्स का विवरण / Description of Other Fittings	
वाहन के लिए अनुमत्य विस्फोटकों की मात्रा / Quantity of Explosives permitted to carry	3310 Kg(s)

- अनुज्ञाप्त परिसर निम्नलिखित आरेखण (आरेखणों) के अनुरूप होना चाहिए / The licensed premises shall conform to the following drawing(s):
आरेखण संख्या / Drawing No : E/SE/KL/25/98(E135883) दिनांक / dated : 22/09/2021
- समय समय पर यथा संशोधित विस्फोटक अधिनियम, 1884 और उसके अधीन बनाए गए विस्फोटक नियम, 2008 के उपबन्धों और शर्तों एवं निम्नलिखित अनुलग्नकों के अधीन अनुज्ञाप्ति प्रदान 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 thereunder and the conditions and the following annexures....
(क) उपर्युक्त क्रम संख्या 4 में यथाकथित सड़क वैन का आरेखण / (a) Drawings of the road van as stated in serial no.4 above.
(ख) अनुज्ञापन प्राधिकारी द्वारा हस्ताक्षरित शर्तें / (b) Conditions signed by the licensing authority.
- यह अनुज्ञाप्ति तारीख 31 मार्च 2026 तक विधिमान्य रहेगी / This licence shall remain valid till 31st day of March 2026

यह अनुज्ञाप्ति, अधिनियम या उसके अधीन विरचित नियमों या इस अनुज्ञाप्ति की शर्तों के उल्लंघन, अनुसूची 5 के भाग 4 में सन्दर्भित, जहाँ भी लागू हो, या यदि अनुज्ञाप्त परिसर आरेखण या उससे संलग्न उपाबद्धों में दर्शाए गए विवरण के अनुरूप नहीं पाए जाने पर निलम्बित या प्रतिसंहत की जा सकती है।
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 Conditions, 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.

दिनांक / Date: 22/09/2021

उप मुख्य विस्फोटक नियंत्रक | Dy. Chief Controller of Explosives

अनुज्ञाप्ति के नवीनीकरण हेतु पृष्ठांकन / Endorsement for renewal of licence:

नवीनीकरण की तिथि
Date of Renewal

वैधता समाप्ति की तिथि
Date of Expiry

अनुज्ञापन प्राधिकारी के हस्ताक्षर
Signature of licensing authority

वैधानिक चेतावनी : विस्फोटकों का लापरवाही से प्रयोग या दुरुपयोग, विधि के अधीन गम्भीर दण्डित 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.

(सेट Conditions | Conditions)

सड़क वैन में विस्फोटकों के परिवहन के लिए प्ररूप एल.ई.-7 में विस्फोटक नियंत्रक द्वारा प्रदान किए जानेवाले अनुज्ञप्ति संख्या E/SE/KL/25/98(E135883) की शर्तें निम्नलिखित हैं।

The following are the conditions of licence number E/SE/KL/25/98(E135883) to transport explosives in a road van in Form LE-7 granted by Controller of Explosives.

1. यह अनुज्ञप्ति किसी अन्य सड़क वैन को अंतरणीय नहीं है।
This licence is not transferable to any other explosives van.
2. यान, उसकी बॉडी और अन्य फिटिंग्स में कोई भी परिवर्तन, अनुज्ञापन प्राधिकारी के अनुमोदन के बिना नहीं किया जाना चाहिए।
No alterations should be made to the vehicle, its body and other fittings without approval from the licensing authority.
3. यह अनुज्ञप्ति या उसकी अभिप्रमाणित प्रति सदैव वैन में रखी जाएगी एवं निरीक्षण अधिकारी के मांगे जाने पर उसे प्रस्तुत किया जाएगा।
This licence or its authenticated copy shall at all times be kept in the van and produced on demand by an inspecting officer.
4. सड़क यान का, विस्फोटकों के परिवहन के लिए तब तक प्रयोग नहीं किया जाएगा जब तक कि वह ठीक हालत में नहीं है और विस्फोटक नियम 2008 का अनुपालन नहीं करती है।
The road van shall not be used for transport of explosives unless it is in a fit condition and complies with the Explosives Rules, 2008.
5. सड़क यान का प्रयोग, इस अनुज्ञप्ति द्वारा प्राधिकृत सामग्री से भिन्न किसी सामग्री के लिए तब तक नहीं किया जाएगा जब तक कि अनुज्ञापन प्राधिकारी द्वारा इसकी लिखित अनुमति न दी गई हो।
The road van shall not be used for transport of any material other than that authorised by this licence, unless permitted by licensing authority in writing.
6. सड़क यान में धूम्रपान नहीं किया जाएगा न उसमें अग्नि या कृत्रिम प्रकाश या कोई ऐसे वस्तु जिससे आग लग सकती हो, की अनुमति दी जाएगी।
No smoking and no fire or artificial light or any article capable of causing fire shall be allowed on the explosives van.
7. यान का प्रयोग यात्रियों के वहन के लिए नहीं किया जाएगा।
The vehicle shall not be used for carrying passenger.
8. जिस समय सड़क यान पर विस्फोटकों की लदाई या उतराई या परिवहन किया जा रहा हो, उस समय सड़क यान ऐसे किसी सक्षम व्यक्ति के प्रभार में होगी जिसे विस्फोटकों की धरा-उठाई करने का अनुभव है और उनसे पूर्णतः परिचित है। जहाँ यान अनुज्ञप्तिधारी द्वारा न चलाया जा रहा हो वहाँ एक ऐसा दस्तावेज, जिस पर अनुज्ञप्तिधारी के हस्ताक्षर हों और उन व्यक्तियों का नाम दर्ज हो जिन्हें यान को चलाने के लिए प्राधिकृत किया गया हो, वैन के साथ ले जाया जाएगा और किसी निरीक्षण अधिकारी द्वारा मांग की जाने पर उसे पेश किया जाएगा।
Road van, while explosives are being loaded or unloaded or transported shall always be under the charge of competent person who shall be experienced in handling of explosives and fully conversant there under. Where the vehicle is not driven by the licence holder, a document signed by the licensee naming persons authorised to drive and accompany the vehicle shall be carried in the van and produced on demand to an inspecting officer.
9. सड़क यान में किसी भी विस्फोटक का परिवहन तब तक नहीं किया जाएगा जब तक कि वे विस्फोटक नियमों के अनुसार या मुख्य विस्फोटक नियंत्रक द्वारा विनिर्दिष्ट रीति से पैक न कर दिए गए हों।
No explosives unless they are packed in accordance with the Explosives Rules or in a manner specified by the Chief Controller shall be transported in the explosives van.
10. किन्हीं अन्य विस्फोटकों के साथ डिटोनेटर्स का परिवहन नहीं किया जाएगा।
Detonators shall not be transported with any other explosives.
11. यदि सड़क यान में कोई टूट फूट हो जाती है या उसमें आग लग जाती है या विस्फोट हो जाता है अथवा सड़क यान इनमें किसी से अंतर्ग्रस्त हो जाती है तो ऐसी टूट फूट, दुर्घटना, अग्नि या विस्फोट की पूरी रिपोर्ट के साथ इस तथ्य की जानकारी अनुज्ञापन प्राधिकारी को तुरन्त दी जाएगी। यदि ऐसी दुर्घटना, अग्नि या विस्फोट में किसी व्यक्ति की मृत्यु हो जाती है या किसी व्यक्ति या सम्पत्ति को गम्भीर क्षति पहुँचती है तो उसकी रिपोर्ट निकटतम पुलिस स्टेशन को तुरन्त की जाएगी।
Any breakdown, accident, fire or explosion occurring in or involving the road van, shall be immediately reported to the licensing authority together with a full report of such breakdown, accident, fire or explosion. If such accident, fire or explosion is attended with loss of human life or serious injury to person or property, a report shall also be made immediately to the nearest Police Station.
12. विस्फोटकों को यान में परेषक के अनुज्ञप्त परिसर में ही लादा जाएगा और परेषिती के अनुज्ञप्त परिसर पर ही यान से उतारा जाएगा।
The explosives shall be loaded into the van only at the licensed premises of consignor and unloaded from the van at the licensed premises of the consignee.
13. अनुज्ञप्तिधारी, परिवहन किए जाने वाले विस्फोटकों का लेखाजोखा प्ररूप आरई-6 में रखेगा और निरीक्षण अधिकारी द्वारा मांगे जाने पर प्रस्तुत करेगा।
The licensee shall maintain account of explosives transported in Form RE-6 and present the same on demand by an inspecting officer.
14. अनुज्ञप्तिधारी और कर्मचारी परिसर के भीतर आपात के दौरान की जाने वाली प्रक्रिया से अवगत होंगे।
The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.
15. किसी निरीक्षण करने या नमूना लेने वाले अधिकारी को सभी युक्तियुक्त समय पर अनुज्ञप्त परिसर में अबाध पहुँच प्रदान की जाएगी और यह अभिनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबन्धों तथा सुरक्षा सम्बन्धी शर्तों का सम्यक् रूप से पालन किया जाता है, उस अधिकारी को प्रत्येक सुविधा उपलब्ध कराई जाएगी।
Free access 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 or these rules and these conditions are duly observed.
16. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक, लिखित में अनुज्ञप्तिधारक को ऐसी संस्तुतियों को क्रियान्वित करने के लिए, जो ऐसे प्राधिकारी की राय में अमान्य जोखिम उत्पन्न कर सकता है और स्थल पर या स्थल से बाहर व्यक्तियों की सुरक्षा के लिए आवश्यक है, सूचित करता है तो अनुज्ञप्तिधारी उन संस्तुतियों को निष्पादित करेगा और ऐसे प्राधिकारी द्वारा विनिर्दिष्ट अवधि के भीतर अनुपालन की रिपोर्ट देगा।
If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to 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 persons, the holder of the licence shall execute the recommendations and report compliance within the period specified by such authority.
17. अग्नि या विस्फोटक के कारण होने वाली दुर्घटना और विस्फोटकों की हानि, कमी या चोरी के बारे में निकटतम पुलिस स्टेशन और अनुज्ञापन प्राधिकारी तथा अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को तुरन्त 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

कृते उप-मुख्य विस्फोटक नियंत्रक
For Dy. Chief Controller of Explosives
एरणाकुलम | Ernakulam

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

Annexure 4: Letter from DMG for Approval of Modified Mining Plan

No. 362/DOT/ML/2019

Department of Mining & Geology,
District Office, Thiruvananthapuram,
Kesavadasapuram
Pattom Palace P. O.,
Thiruvananthapuram 695004,
Phone 0471-2442055
eMail: geo.thi.dmg@kerala.gov.in
Dated 23.08.2022

From
Senior Geologist

To
M/s Adani Vizhinjam Port Pvt Ltd
T C No.24/2269(3), 3rd Floor, Aspinwall House, Kowdiar P O,
Kuravankonam Thiruvananthapuram 695 003

Sir,
Sub:- Mines & Minerals- Approval of Eco-friendly modified Mining plan-Granite Building Stone of M/s Adani Vizhinjam Port Pvt Ltd
T C No.24/2269(3), 3rd Floor, Aspinwall House, Kowdiar P O,
Kuravankonam Thiruvananthapuram 695 003
in Block No 19, Re Survey No.120/10 in Manickal Village,
Nedumangad Taluk, Thiruvananthapuram District - reg.

Ref:- 1. Kerala Minor Mineral Concession Rules 2015
2. Your application dated 16.08.2022

The modified mining plan and progressive quarry closure plan for Granite Building Stone of M/s Adani Vizhinjam Port Pvt Ltd, T C No.24/2269(3), 3rd Floor, Aspinwall House, Kowdiar P O, Kuravankonam Thiruvananthapuram 695 003 over an area of 1.1081 Ha in Re Survey No 120/10 in Manickal Village, Nedumangad Taluk, Thiruvananthapuram District is hereby approved vide the powers delegated to the Senior Geologist for the approval of mining plan for the minor minerals issued under Rule 55 of Kerala Minor Mineral Concession Rules 2015, with the following conditions:-

1. That you will follow the prescribed Rules & Regulations of Central Government and State Government issued from time to time in regard to mining.
2. That you will follow the Mines Safety Rules & Regulations.
3. That you will store the mining waste in the earmarked location/ dumping yard only as specified in the plan.
4. That you will carry out the plantation as committed in the plan.
5. That provision shall be made for the housing facility for the labour with all basic infrastructure facilities including safe drinking water, toilets etc., within the site.
6. That the yearly production of 2,44,181MT(2022-23), 23,062MT(2023-24) approved in the plan shall be strictly adhered to and if any deviation is required the same shall be intimated in advance.
7. If any information or data furnished by the proponent and included in this plan is found erroneous or fake, the approval of this mining plan stands invalid.



Yours faithfully,

12/23/22
Senior Geologist

Annexure 5: AVPPL Letter to SEIAA as Response to Observations of SEAC

To,
The Chairman,
State Environmental Impact Assessment Authority (SEIAA), Kerala
K.S.R.T.C Bus Terminal Complex, 4th Floor,
Thampanoor, Thiruvananthapuram - 695 001

Sub: Granite building stone quarry in Block No.29, Re-Survey No.120/10 in Manickal Village, Nedumangad Taluk, Thiruvananthapuram District – Response to Observations of SEAC during their 136th Meeting as per MoM – Reg.

Ref: 1. EC vide No. 1416/EC1/2019/SEIAA dated 27.02.2020
2. Proposal No. SIA/KL/MIN/292678/2022 dated 10.10.2022
3. Minutes of the 136th Meeting of the SEAC Kerala held from 09.01.2023 to 11.01.2023

Dear Sir,

This is with reference to our granite building stone quarry in Block No.29, Re-Survey No.120/10 in Manickal Village, Nedumangad Taluk, Thiruvananthapuram District for which we have obtained Environmental Clearance (EC) vide reference 1. We have submitted Proposal No. SIA/KL/MIN/292678/2022 dated 10.10.2022 for modification of EC vide application referred 2.

Our proposal was considered during the 136th Meeting of the SEAC Kerala held between 09.01.2023 and 11.01.2023. According to the Minutes of the meeting referred 3 above, based on discussions in the meeting, the Committee decided not to recommend the amendment of EC as proposed due to the following reasons. The point wise reply of AVPPL against each reason is stated below:

1. As per the amendment proposal, it is proposed to extract 2,44,181 MT of hard rocks in 90 days (January 23 to March 23). It amounts to extraction of 2713 MT/day or 271 Truck Load per day. It leads to 27 truck movements in every hour (If the operation is for 10 hours) or one truck movement in every 2 minutes.

AVPPL Response: In the table provided in the Minutes, the year in the proposed extraction plan is incorrectly mentioned as 2025-26 and 2026-27. AVPPL submitted the Modified Mining Plan in June 2022 and expected the lease to be granted by October 2022 and planned to extract the material before March 2022. However, obtaining the lease extended to March 2023. Therefore, AVPPL propose the following year-wise extraction:

Year	2023-24	2024-25	Total
MT	2,44,181	23,062	2,67,243

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project.vizhinjam@adani.com
www.adani.com
CIN: U61200GJ2015PTC083954

Registered Office:
Adani Corporate House, Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad-382421

Thereby, as per the amendment proposal, it is proposed to extract 2,44,181 MT of hard rocks spread out over the entire year 2023-2024 in approximately 250 working days (April 2023 to March 2024) which will be around 976 MT per day and comes to 49 Truck Loads per day or 4 truck movements every hour (for 10 hours of operation 6.00 AM to 6.00 PM) and this works out to one truck movement every 15 minutes.

Each lorry can carry a maximum of 20 MT per trip

Required Tippers: Total 976 MT / 20 MT: 48.8; say 49 trips

No. of trips per hour 49 trips / 10 hours = 5 Trips per hour

The loading operation will run for 10 hours continuously by engaging operators with 4 hours duty with relieving at work spot.

2. The areal extent and carrying capacity of the site is inadequate for the proposed magnitude and intensity of blast and other mining activities.

AVPPL Response: AVPPL are drilling 100 holes daily with 10 Holes per blast. The 1st round of 50 holes in the morning hours from 10.30 AM to 11.00 AM and the 2nd round of another 50 Holes in afternoon from 2.30 PM to 3.00 PM. AVPPL are using Nonel per hole with 0.500 gm Nitrate Mixtures Explosives.

The Blast intervals are:

Hole No 1: 250 Millisecond

Hole No 2: 275 Millisecond

Hole No 3: 300 Millisecond

Hole No 4: 325 Millisecond

Hole No 5: 350 Millisecond

Hole No 6: 375 Millisecond

Hole No 7: 400 Millisecond

Hole No 8: 425 Millisecond

Hole No 9: 450 Millisecond

Hole No 10: 475 Millisecond

By using the versatile instrument of Nonel, AVPPL will blast the holes in safe manner.

3. The road is narrow and used by the local inhabitant. The carrying capacity of the road is constrained by the width and strength and therefore, traffic of such an intensity is not found feasible.

AVPPL Response:

- AVPPL have developed a strong bitumen road from the mine head to panchayat road and have given platform to move the Trucks to the side to allow the public to move freely.

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- AVPPL are transporting 4 to 5 trips per hour.
 - AVPPL have nominated a traffic warden wherever required
 - AVPPL are training the drivers to drive slowly
 - If the local persons are using the road, AVPPL have advised the truck drivers to park the Lorries at the parking lot which is provided by side of the road.
4. The intensity and magnitude of vehicle movement due to the amendment proposal will increase manifold in the MC road where the traffic density is very high.

AVPPL Response: AVPPL are transporting the material through Thaikod – Pothencode – Vettu Road Junction – Kazhakootam – Chackka Junction – Thiruvallam – Kovalam – Mukkola – Vizhinjam Port. The trucks are only travelling for 4 km along MC Road and the transportation starts from Thaikod – Vettu road and joins in the NH-Bypass from Vettu road to Vizhinjam. Therefore, the Lorries are hardly adding to the magnitude of vehicle movement along MC Road.

5. The compliance to the conditions of EC issued on 27.2.2020 is not satisfactory.

AVPPL Reply: AVPPL are complying with the conditions of the EC granted as applicable. Half Yearly EC Compliance Reports (HYCR) are being submitted as per statutory requirements. The EC dated 27.2.2020 was issued with 5 Specific conditions and 48 General conditions. In the latest HYCR for the period April 2022 to September 2022, the following compliances to the specific and general conditions have been reported:

Status of Compliance	Specific Conditions	General Conditions
Complied	1	8
Being Complied	3	19
Will be Complied	1	5
Not Applicable	-	7
Noted for Compliance	-	9
Total	5	48

AVPPL as a responsible organization is committed in complying with all the conditions set forth in the EC.

As you are aware, Vizhinjam is a major infrastructure project of Government of Kerala being developed by AVPPL under PPP mode. All the construction works including that of the breakwater is now being undertaken with the ambitious target set by Govt. of Kerala. An increased quantity of rock supply is an important imperative for meeting the target. While ensuring the construction targets, AVPPL is also committed in ensuring mitigation measures for every foreseeable impact due to the mining activity at Manickal quarry site.

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Ports and
Logistics

We request that the above response and facts may please be considered by the committee and the committee may kindly reconsider the recommendation.

Thanking you,
Yours Sincerely

Sunil Kumar Ayyappan
AGM Projects

Copy to : The Managing Director, Vizhinjam International Seaport Limited

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**Annexure 6: AVPPL Letter to SEIAA for
Details of Change in Year-wise
Production**

AVPPL/SEIAA/2022-23/2329

Date: 15th February 2023

To,
The Chairman,
State Environmental Impact Assessment Authority (SEIAA), Kerala
K.S.R.T.C Bus Terminal Complex, 4th Floor,
Thampanoor, Thiruvananthapuram - 695 001

Sub: Granite building stone quarry in Block No.29, Re-Survey No.120/10 in Manickal Village, Nedumangad Taluk, Thiruvananthapuram District – Changes in Production Years in the Approved Mining Plan – Reg.

Ref: 1. EC vide No. 1416/EC1/2019/SEIAA dated 27.02.2020
2. Approved Mining Plan Letter No. 362/DOT/ML/2019 dated 23.08.2022
3. Proposal No. SIA/KL/MIN/292678/2022 dated 10.10.2022
4. Minutes of the 136th Meeting of the SEAC Kerala held from 09.01.2023 to 11.01.2023
5. Our Letter AVPPL/SEIAA/2022-23/2307 dated 24.01.2023
6. Our Letter AVPPL/GoK/2022-23/2325 dated 14.02.2023

Dear Sir,

This is with reference to our granite building stone quarry in Block No.29, Re-Survey No.120/10 in Manickal Village, Nedumangad Taluk, Thiruvananthapuram District for which we have obtained Environmental Clearance (EC) vide reference 1. We had submitted Proposal No. SIA/KL/MIN/292678/2022 dated 10.10.2022 for EC Modification application vide reference 3.

Our proposal was considered during the 136th Meeting of the SEAC Kerala held from 09.01.2023 to 11.01.2023 vide reference 4. In our letter vide reference 5, we had responded to reasons that the Committee had put forth to not recommend the amendment of EC as proposed by us.

AVPPL has submitted a modified mining plan which was approved by Department of Mining and Geology vide reference 2. As per modified mining plan, AVPPL planned to extract 2.44 lakhs MT by March 2023. However, the approval of mining plan could only be obtained in August 2022 and SEAC considered our application in January 2023. Extraction of 2.44 lakhs MT by March 2023 i.e. in 90 days, would not be feasible.

Therefore AVPPL have requested Department of Mining and Geology vide reference 6 to change the production years as mentioned in the Modified Mining Plan as 1st Year (2023-24) and 2nd Year (2024-25) as mentioned in the table below:

Year	2023-24	2024-25	Total
MT	244181	23062	267243

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Ports and Logistics

Therefore, requesting your good office to put these facts before the SEAC in the next meeting scheduled to be held on 16.02.2023 and 17.02.2023 to reconsider the recommendation and grant EC Modification in this respect.

Thanking you,
Yours Sincerely

Rajesh Kumar Jha
MD & CEO

Encl: References Cited Nos. 5 and 6

Copy to: The Managing Director, Vizhinjam International Seaport Limited

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**Annexure 7: Letter from SEIAA
regarding Traffic Management Plan**

State Environment Impact Assessment Authority (SEIAA) Kerala

K.S.R.T.C Bus Terminal Complex, 4th Floor, Thampanoor,

Thiruvananthapuram - 695 001

Ph: +91471-2334262 (Off) +91471-2334265 (Fax)

e-mail: seacseiaakerala@gmail.com

web: www.seiaakerala.org

No.1416/EC1/2019/SEIAA

Date: 02.03.2023

From,

The Administrator
State Environment Impact Assessment Authority
Thiruvananthapuram

To,

Shri.Rajesh Kumar Jha.
Chief Executive Officer.
M/s Adani Vizhinjam Port Pvt. Ltd,
2nd floor, Vipanchika Tower.
Thycaud, Thiruvananthapuram – 695014

Sir,

**Sub: - SEIAA – Modification of EC Application of Granite Building Stone Quarry
of M/s. Adani Vizhinjam Port Private Limited, over an extent of 1.1081
Ha. (2.7381 Acres) at Re Sy Block No.29, Re-Sy No. 120/10, in Manickal
Village, Nedumangad Taluk, Thiruvananthapuram – reg**

Ref :- Minutes of the 123rd SEIAA meeting held on 27th & 28th January 2023

Attention is invited to the reference cited. The Authority vide reference decided that your request for modification of EC cannot be considered. Also the Authority decided to inform you the following:

1. The Project Proponent shall attend all the non-compliances noticed by SEAC within 6 months including the traffic management plan and carrying capacity study of the area and submit the compliance report.
2. On receipt of the compliance report, the Monitoring Committee shall visit the site to verify the compliance status and submit report to SEIAA.

Yours faithfully,

Sd/-

Harikumar.A.S.

Administrator, SEIAA

Approved for Issue

Section Officer



**Annexure 8: Email Submission of
HYCR for the period April 2022 to
September 2022**

From: [Rajesh Kumar Jha](#)
To: rosz.bng-mefcc@gov.in; rosz.bng-mef@nic.in
Cc: [selaa kerala](#); [Hebin Chenthamarakshan](#); [Jesse Benjamin Fullonton](#); [Snehal Jariwala](#); [Environment Avppl](#); [Palanivelu Kumar](#)
Subject: EC No. 1416/EC1/2019/SEIAA dated 27.02.2020 - HYCR - Apr 2022 to Sep 2022 - Manickal - Reg.
Date: Wednesday, November 30, 2022 12:46:15 PM
Attachments: [EC No. 1416 EC1 2019 SEIAA dated 27.02.2020 HYCR-Apr22-Sep22-22.11.2022.pdf](#)
[image.png](#)

Dear Sir/Madam,

This is with reference to the Environmental Clearance (EC) Order No. 1416/EC1/2019/SEIAA dated 27.02.2020 issued by State Environment Impact Assessment Authority (SEIAA), Kerala to Adani Vizhinjam Port Private Limited (AVPPL) for our Granite Building Stone Quarry Project in Block No.29, Re-Survey No.120/10 in Manickal Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala.

The Half Yearly Compliance Report (HYCR) of the conditions stipulated in the EC for the period April 2022 to September 2022 is attached vide reference AVPPL/MoEF/2022-23/2222 dated 22.11.2022; for record and reference please.

You are requested to kindly acknowledge the receipt of the same.

Thanks & Regards,

Rajesh Jha
MD & CEO
Adani Vizhinjam Port Pvt Limited
Third Floor, Aspinwall House, Kuravankonam, Kowdiar, Thiruvananthapuram, Kerala - 695003
Mobile: +91 471 277 2116
www.adani.com

The Adani logo consists of the word "adani" in a lowercase, sans-serif font. The letters are colored in a gradient: 'a' is blue, 'd' is purple, 'a' is red, 'n' is green, 'i' is yellow, and 'a' is orange.

Thinking big
Doing better

Our values: Courage, Trust and Commitment

Annexure 9: Ambient Air Quality Monitoring Report

TEST REPORT

ULR No: TC540223000003366F		
LRI No.: SEAAL23021333A	Date: 25-02-2023	Page 1 of 1
CUSTOMER DETAILS		
Customer Name & Address	M/s Adani Vizhinjam Port Pvt Ltd Manickal, Nedumangad, Thiruvananthapuram District.	
Customer Reference	Test Request dt : 14-02-2023	

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN23020438
Sample Name	Ambient Air	Sample Received on	17-02-2023
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	17-02-2023
Sampled by	Lab Authorized Sampler	Test Completed on	24-02-2023

DETAILS OF SAMPLING			
Sampling Location	Project Site	Date of Sampling	14-02-2023
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	72 %
Latitude	8°39'32.44"N	Longitude	76°55'40.26"E

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re - Survey No	120/10, Block No.29		
Village	Manickal	Taluk	Nedumangad
District	Thiruvananthapuram	State	Kerala

TEST RESULTS - CHEMICAL DISCIPLINE					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARDS
1	Particulate matter (PM ₁₀)	IS 5182 (Part 23): 2006	µg/m ³	51.4	100 (Max)
2	Particulate matter (PM _{2.5})	IS 5182 (Part 24):2019	µg/m ³	28.6	60.0 (Max)
3	Sulphur dioxide (SO ₂)	IS 5182 (Part 2): 2001	µg/m ³	< 4.00	80.0 (Max)
4	Nitrogen dioxide (NO ₂)	IS 5182 (Part 6): 2006	µg/m ³	< 4.00	80.0 (Max)

Remarks: The Air sample complies with National Ambient Air Quality Standards with respect to above parameters tested.

End of Report



Shency Joy
Dy.TM-Chemical
Checked by:




Laiju P.N.
Laboratory Head
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standard^S Environmental & Analytical Laboratories

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017
vide Certificate No. TC - 5402 & "A" Grade Laboratory approved by KSPCB.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com

TEST REPORT

ULR No.: TC540223000003367F		
LRI No.: SEAAL23021334A	Date: 25-02-2023	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	M/s Adani Vizhinjam Port Pvt Ltd Manickal, Nedumangad, Thiruvananthapuram District.
Customer Reference	Test Request dt : 14-02-2023

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN23020439
Sample Name	Ambient Air	Sample Received on	17-02-2023
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	17-02-2023
Sampled by	Lab Authorized Sampler	Test Completed on	24-02-2023

DETAILS OF SAMPLING			
Sampling Location	St. Johns Hospital, Manikkal (1.4 km away from Project Site)	Date of Sampling	14-02-2023
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	72 %
Latitude	8°39'47.12"N	Longitude	76°54'50.22"E

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re - Survey No	120/10, Block No.29		
Village	Manickal	Taluk	Nedumangad
District	Thiruvananthapuram	State	Kerala

TEST RESULTS - CHEMICAL DISCIPLINE					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARDS
1	Particulate matter (PM ₁₀)	IS 5182 (Part 23): 2006	µg/m ³	47.2	100 (Max)
2	Particulate matter (PM _{2.5})	IS 5182 (Part 24):2019	µg/m ³	25.7	60.0 (Max)
3	Sulphur dioxide (SO ₂)	IS 5182 (Part 2): 2001	µg/m ³	< 4.00	80.0 (Max)
4	Nitrogen dioxide (NO ₂)	IS 5182 (Part 6): 2006	µg/m ³	< 4.00	80.0 (Max)

Remarks: The Air sample complies with National Ambient Air Quality Standards with respect to above parameters tested.

End of Report



Shency Joy
Dy.TM-Chemical
Checked by:




Laiju P.N.
Laboratory Head
Authorized Signatory

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Web: www.sealabs.in, E-mail: seaalab@gmail.com

TEST REPORT

ULR No: TC540223000003368F		
LRI No.: SEAAL23021335A	Date: 25-02-2023	Page 1 of 1
CUSTOMER DETAILS		
Customer Name & Address	M/s Adani Vizhinjam Port Pvt Ltd Manickal, Nedumangad, Thiruvananthapuram District.	
Customer Reference	Test Request dt : 14-02-2023	

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN23020440
Sample Name	Ambient Air	Sample Received on	17-02-2023
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	17-02-2023
Sampled by	Lab Authorized Sampler	Test Completed on	24-02-2023

DETAILS OF SAMPLING			
Sampling Location	Govt.L P School, Perumala (3.36 km away from Project Site)	Date of Sampling	14-02-2023
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	72 %
Latitude	8°41'03.77"N	Longitude	76°55'34.75"E

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re - Survey No	120/10, Block No.29		
Village	Manickal	Taluk	Nedumangad
District	Thiruvananthapuram	State	Kerala

TEST RESULTS - CHEMICAL DISCIPLINE					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARDS
1	Particulate matter (PM ₁₀)	IS 5182 (Part 23): 2006	µg/m ³	62.1	100 (Max)
2	Particulate matter (PM _{2.5})	IS 5182 (Part 24):2019	µg/m ³	35.9	60.0 (Max)
3	Sulphur dioxide (SO ₂)	IS 5182 (Part 2): 2001	µg/m ³	< 4.00	80.0 (Max)
4	Nitrogen dioxide (NO ₂)	IS 5182 (Part 6): 2006	µg/m ³	< 4.00	80.0 (Max)

Remarks: The Air sample complies with National Ambient Air Quality Standards with respect to above parameters tested.

End of Report



Shency Joy
Dy.TM-Chemical
Checked by:




Laiju P.N.
Laboratory Head
Authorized Signatory

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TEST REPORT

ULR No.: TC540223000003369F		
LRI No.: SEAAL23021336A	Date: 25-02-2023	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	M/s Adani Vizhinjam Port Pvt Ltd Manickal, Nedumangad, Thiruvananthapuram District.
Customer Reference	Test Request dt : 14-02-2023

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN23020441
Sample Name	Ambient Air	Sample Received on	17-02-2023
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	17-02-2023
Sampled by	Lab Authorized Sampler	Test Completed on	24-02-2023

DETAILS OF SAMPLING			
Sampling Location	Kovilvila Sree Mahavishnu Temple (2.34 km away from Project Site)	Date of Sampling	14-02-2023
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	72 %
Latitude	8°39'42.21"N	Longitude	76°56'36.24"N

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re - Survey No	120/10, Block No.29		
Village	Manickal	Taluk	Nedumangad
District	Thiruvananthapuram	State	Kerala

TEST RESULTS - CHEMICAL DISCIPLINE					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARDS
1	Particulate matter (PM ₁₀)	IS 5182 (Part 23): 2006	µg/m ³	55.8	100 (Max)
2	Particulate matter (PM _{2.5})	IS 5182 (Part 24):2019	µg/m ³	30.6	60.0 (Max)
3	Sulphur dioxide (SO ₂)	IS 5182 (Part 2): 2001	µg/m ³	< 4.00	80.0 (Max)
4	Nitrogen dioxide (NO ₂)	IS 5182 (Part 6): 2006	µg/m ³	< 4.00	80.0 (Max)

Remarks: The Air sample complies with National Ambient Air Quality Standards with respect to above parameters tested.

End of Report



Shency Joy
Dy.TM-Chemical
Checked by:




Laiju P.N.
Laboratory Head
Authorized Signatory

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TEST REPORT

ULR No: TC540223000003370F		
LRI No.: SEAAL23021337A	Date: 25-02-2023	Page 1 of 1
CUSTOMER DETAILS		
Customer Name & Address	M/s Adani Vizhinjam Port Pvt Ltd Manickal, Nedumangad, Thiruvananthapuram District.	
Customer Reference	Test Request dt : 14-02-2023	

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN23020442
Sample Name	Ambient Air	Sample Received on	17-02-2023
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	17-02-2023
Sampled by	Lab Authorized Sampler	Test Completed on	24-02-2023

DETAILS OF SAMPLING			
Sampling Location	Operators Rest Room (0.47 km away from Project Site)	Date of Sampling	14-02-2023
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	72 %
Latitude	8°39'17.89"N	Longitude	76°55'39.92"E

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re - Survey No	120/10, Block No.29		
Village	Manickal	Taluk	Nedumangad
District	Thiruvananthapuram	State	Kerala

TEST RESULTS - CHEMICAL DISCIPLINE					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARDS
1	Particulate matter (PM ₁₀)	IS 5182 (Part 23): 2006	µg/m ³	53.1	100 (Max)
2	Particulate matter (PM _{2.5})	IS 5182 (Part 24):2019	µg/m ³	26.4	60.0 (Max)
3	Sulphur dioxide (SO ₂)	IS 5182 (Part 2): 2001	µg/m ³	< 4.00	80.0 (Max)
4	Nitrogen dioxide (NO ₂)	IS 5182 (Part 6): 2006	µg/m ³	< 4.00	80.0 (Max)

Remarks: The Air sample complies with National Ambient Air Quality Standards with respect to above parameters tested.

End of Report



Shency Joy
Dy.TM-Chemical
Checked by:




Laiju P.N.
Laboratory Head
Authorized Signatory

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Annexure 10: Noise Monitoring Report

TEST REPORT

ULR No: TC540223000003371F		
LRI No.: SEAAL23021338A	Date: 25-02-2023	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	M/s Adani Vizhinjam Port Pvt Ltd Manickal, Nedumangad, Thiruvananthapuram District.
Customer Reference	Test Request dt: 14-02-2023

DETAILS OF MONITORING			
Product Category	Atmospheric Pollution	Sample Code	EN23020443
Sample Name	Ambient Noise	Monitoring Commenced on	14-02-2023
Monitoring Location	Project Site	Monitoring Completed on	15-02-2023
Test Method	IS 9989:1981	Monitored by	Lab Authorized Sampler
Latitude	8°39'32.44"N	Longitude	76°55'40.26"E

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re - Survey No	120/10, Block No.29		
Village	Manickal	Taluk	Nedumangad
District	Thiruvananthapuram	State	Kerala

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	45.2	14:00	60.6	22:00	43.8
07:00	48.5	15:00	61.0	23:00	37.8
08:00	53.6	16:00	62.4	24:00	40.6
09:00	57.8	17:00	62.9	01:00	41.3
10:00	60.6	18:00	56.4	02:00	41.0
11:00	64.3	19:00	52.2	03:00	41.7
12:00	61.0	20:00	47.5	04:00	40.6
13:00	60.1	21:00	47.0	05:00	42.5

TEST RESULTS- CHEMICAL DISCIPLINE				
Sl. No.	PARAMETERS	UNIT	RESULT	Limit as per Noise Pollution (Regulation and Control) Rules, 2000 (Industrial Area)
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	59.1	75 dB (A)
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	41.0	70 dB (A)

Remarks: The Noise level Monitoring complies with the Noise Pollution (Regulation and Control) Rules, 2000 (Rules3 (1) and 4(1)).

End of Report



Shency Joy
Dy.TM-Chemical
Checked by:




Laiju P.N.
Laboratory Head
Authorized Signatory

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TEST REPORT

ULR No: TC540223000003372F		
LRI No.: SEAAL23021339A	Date: 25-02-2023	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	M/s Adani Vizhinjam Port Pvt Ltd Manickal, Nedumangad, Thiruvananthapuram District.
Customer Reference	Test Request dt: 14-02-2023

DETAILS OF MONITORING			
Product Category	Atmospheric Pollution	Sample Code	EN23020444
Sample Name	Ambient Noise	Monitoring Commenced on	14-02-2023
Monitoring Location	St. Johns Hospital, Manikkal (1.4 km away from Project Site)	Monitoring Completed on	15-02-2023
Test Method	IS 9989:1981	Monitored by	Lab Authorized Sampler
Latitude	8°39'44.90"N	Longitude	76°54'56.31"E

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re - Survey No	120/10, Block No.29		
Village	Manickal	Taluk	Nedumangad
District	Thiruvananthapuram	State	Kerala

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	39.9	14:00	53.4	22:00	38.6
07:00	42.7	15:00	53.8	23:00	37.2
08:00	47.3	16:00	55.1	24:00	39.9
09:00	51.0	17:00	55.5	01:00	40.7
10:00	53.4	18:00	49.7	02:00	40.3
11:00	56.7	19:00	46.0	03:00	41.1
12:00	53.8	20:00	41.9	04:00	39.9
13:00	53.0	21:00	41.4	05:00	41.9

TEST RESULTS- CHEMICAL DISCIPLINE				
Sl. No.	PARAMETERS	UNIT	RESULT	Limit as per Noise Pollution (Regulation and Control) Rules, 2000 (Industrial Area)
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	51.9	75 dB (A)
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	40.3	70 dB (A)

Remarks: The Noise level Monitoring complies with the Noise Pollution (Regulation and Control) Rules, 2000 (Rules 3 (1) and 4(1)).

End of Report



Shency Joy
Dy.TM-Chemical
Checked by:




Laiju P.N.
Laboratory Head
Authorized Signatory

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TEST REPORT

ULR No: TC540223000003373F		
LRI No.: SEAAL23021340A	Date: 25-02-2023	Page 1 of 1
CUSTOMER DETAILS		
Customer Name & Address	M/s Adani Vizhinjam Port Pvt Ltd Manickal, Nedumangad, Thiruvananthapuram District.	
Customer Reference	Test Request dt: 14-02-2023	

DETAILS OF MONITORING			
Product Category	Atmospheric Pollution	Sample Code	EN23020445
Sample Name	Ambient Noise	Monitoring Commenced on	14-02-2023
Monitoring Location	Govt.L P School, Perumala (2.5 km away from Project Site)	Monitoring Completed on	15-02-2023
Test Method	IS 9989:1981	Monitored by	Lab Authorized Sampler
Latitude	8°40'52.37"N	Longitude	76°55'50.28"E

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re - Survey No	120/10, Block No.29		
Village	Manickal	Taluk	Nedumangad
District	Thiruvananthapuram	State	Kerala

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	39.5	14:00	52.9	22:00	38.3
07:00	42.3	15:00	53.3	23:00	37.6
08:00	46.8	16:00	54.5	24:00	40.4
09:00	50.5	17:00	54.9	01:00	41.1
10:00	52.9	18:00	49.2	02:00	40.7
11:00	56.2	19:00	45.6	03:00	41.5
12:00	53.3	20:00	41.5	04:00	40.4
13:00	52.5	21:00	41.0	05:00	42.3


TEST RESULTS- CHEMICAL DISCIPLINE				
Sl. No.	PARAMETERS	UNIT	RESULT	Limit as per Noise Pollution (Regulation and Control) Rules, 2000 (Industrial Area)
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	51.4	75 dB (A)
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	40.8	70 dB (A)

Remarks: The Noise level Monitoring complies with the Noise Pollution (Regulation and Control) Rules, 2000 (Rules3 (1) and 4(1)).

End of Report



Shency Joy
Dy.TM-Chemical
Checked by:

Laiju P.N.
Laboratory Head
Authorized Signatory

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TEST REPORT

ULR No: TC540223000003374F		
LRI No.: SEAAL23021341A	Date: 25-02-2023	Page 1 of 1
CUSTOMER DETAILS		
Customer Name & Address	M/s Adani Vizhinjam Port Pvt Ltd Manickal, Nedumangad, Thiruvananthapuram District.	
Customer Reference	Test Request dt: 14-02-2023	

DETAILS OF MONITORING			
Product Category	Atmospheric Pollution	Sample Code	EN23020446
Sample Name	Ambient Noise	Monitoring Commenced on	14-02-2023
Monitoring Location	Kovilvila Sree Mahavishnu Temple (1.7 km away from Project Site)	Monitoring Completed on	15-02-2023
Test Method	IS 9989:1981	Monitored by	Lab Authorized Sampler
Latitude	8°39'42.21"N	Longitude	76°56'36.24"N

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re - Survey No	120/10, Block No.29		
Village	Manickal	Taluk	Nedumangad
District	Thiruvananthapuram	State	Kerala

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	38.9	14:00	52.1	22:00	37.7
07:00	41.7	15:00	52.5	23:00	37.2
08:00	46.1	16:00	53.7	24:00	39.9
09:00	49.7	17:00	54.1	01:00	40.7
10:00	52.1	18:00	48.5	02:00	40.3
11:00	55.3	19:00	44.9	03:00	41.1
12:00	52.5	20:00	40.9	04:00	39.9
13:00	51.7	21:00	40.4	05:00	41.9


TEST RESULTS- CHEMICAL DISCIPLINE				
Sl. No.	PARAMETERS	UNIT	RESULT	Limit as per Noise Pollution (Regulation and Control) Rules, 2000 (Industrial Area)
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	50.6	75 dB (A)
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	40.3	70 dB (A)

Remarks: The Noise level Monitoring complies with the Noise Pollution (Regulation and Control) Rules, 2000 (Rules3 (1) and 4(1)).

End of Report



Shency Joy
Dy.TM-Chemical
Checked by:

Laiju P.N.
Laboratory Head
Authorized Signatory

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TEST REPORT

ULR No: TC540223000003375F		
LRI No.: SEAAL23021342A	Date: 25-02-2023	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	M/s Adani Vizhinjam Port Pvt Ltd Manickal, Nedumangad, Thiruvananthapuram District.
Customer Reference	Test Request dt: 14-02-2023

DETAILS OF MONITORING			
Product Category	Atmospheric Pollution	Sample Code	EN23020447
Sample Name	Ambient Noise	Monitoring Commenced on	14-02-2023
Monitoring Location	Operators Rest Room (0.45 km away from Project Site)	Monitoring Completed on	15-02-2023
Test Method	IS 9989:1981	Monitored by	Lab Authorized Sampler
Latitude	8°39'17.89"N	Longitude	76°55'39.92"E

INFORMATION PROVIDED BY CUSTOMER - SAMPLING SITE DETAILS			
Re - Survey No	120/10, Block No.29		
Village	Manickal	Taluk	Nedumangad
District	Thiruvananthapuram	State	Kerala

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	38.7	14:00	51.9	22:00	37.5
07:00	41.5	15:00	52.3	23:00	36.5
08:00	45.9	16:00	53.5	24:00	39.1
09:00	49.5	17:00	53.9	01:00	39.9
10:00	51.9	18:00	48.3	02:00	39.5
11:00	55.1	19:00	44.7	03:00	40.2
12:00	52.3	20:00	40.7	04:00	39.1
13:00	51.5	21:00	40.2	05:00	41.0

TEST RESULTS- CHEMICAL DISCIPLINE				
Sl. No.	PARAMETERS	UNIT	RESULT	Limit as per Noise Pollution (Regulation and Control) Rules, 2000 (Industrial Area)
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	50.4	75 dB (A)
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	39.5	70 dB (A)

Remarks: The Noise level Monitoring complies with the Noise Pollution (Regulation and Control) Rules, 2000 (Rules3 (1) and 4(1)).

End of Report



Shency Joy
Dy.TM-Chemical
Checked by:




Laiju P.N.
Laboratory Head
Authorized Signatory

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**Half Yearly Compliance Report (HYCR)
October 2022 to March 2023**

**Building Stone Quarry Project in Block No. 29, Re-survey No. 120/10 at
Manickal Village, Nedumangad Taluk, Thiruvananthapuram District**



Adani Vizhinjam Port Private Ltd. (AVPPL)