



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

To,

The Managing Director  
MET ROLLA STEELS PRIVATE LIMITED  
M/s Met Rolla Steels Pvt. Ltd.  
Paipra, Pezhakkappilly P.O.,  
Muvattupuzha Taluk, Ernakulam District, Kerala-686674. -686674

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

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)  
in respect of project submitted to the SEIAA vide proposal number  
SIA/KL/IND1/405847/2022 dated 01 Dec 2022. The particulars of the environmental  
clearance granted to the project are as below.

- |   |  |
|---|--|
| 1. EC Identification No.                      | EC24B008KL179028   |
| 2. File No.                                   | 1972/EC3/2022/SEIAA  |
| 3. Project Type                               | Expansion  |
| 4. Category                                   | B  |
| 5. Project/Activity including<br>Schedule No. | 3(a) Metallurgical industries (ferrous &<br>non ferrous)   |
| 6. Name of Project                            | Expansion of existing Steel making and<br>Rolling mill Industrial Unit by M/s. Met<br>Rolla Steels Pvt. Ltd. |
| 7. Name of Company/Organization               | MET ROLLA STEELS PRIVATE<br>LIMITED  |
| 8. Location of Project                        | KERALA   |
| 9. TOR Date                                   | N/A  |

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

Date: 13/03/2024

(e-signed)  
Dr Rathan U kelkar IAS  
Member Secretary  
SEIAA - (KERALA)

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

*This is a computer generated cover page.*





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

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

**Sub:- Environmental Clearance for the Expansion of existing Steel Making and Rolling Mill Industrial Unit, M/s. Met Rolla Steels Pvt. Ltd to Sri. V.Kurian Varghese, Managing Director, M/s. Met Rolla Steels Pvt. Ltd, Paipra, Pezhakkappilly P.O, Muvattupuzha Taluk, Ernakulam - Granted – Orders issued.**

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

**Proposal No. SIA/KL/IND1/405847/2022**

**File No. 1972/EC3/2022/SEIAA**

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Ref: 1. Application for EC received from Sri. V.Kurian Varghese on 01.12.2022

2. Minutes of the 147<sup>th</sup> SEAC meeting held on 21<sup>st</sup> & 22<sup>nd</sup> July 2023.

2. Minutes of the 131<sup>st</sup> SEIAA meeting held on 24<sup>th</sup> & 25<sup>th</sup> August 2023.

3. Minutes of the 136<sup>th</sup> SEIAA meeting held on 09<sup>th</sup> January 2024.

### **ENVIRONMENTAL CLEARANCE NO.55/S/2024**

Sri. V.Kurian Varghese, Managing Director, M/s. Met Rolla Steels Pvt. Ltd, Paipra, Pezhakkappilly P.O, Muvattupuzha Taluk, Ernakulam submitted an application for Environmental Clearance for the Expansion of existing Steel making and Rolling mill Industrial Unit in the existing area of 2.91 Ha (7.2 acres) at Sy. Nos. 1048/16-1, 1048/1-36, 1048/16-2-2, 1048/15-3-2, 1048/15-2-30, 1048/15-1, 1054/28-1, 1054/28/2, 1052/2/3, 1052/1/6, 1052/2/2, 1052/1/5, 1052/2/4 in Paipra Panchayat, Mulavoor Village, Muvattupuzha Taluk, Ernakulam.

The project details are as follows:

**1) Project Details**

SL.No	Particulars	Details		
1	Name of the Project	Expansion of existing Steel making and Rolling mill Industrial Unit by M/s. Met Rolla Steels Pvt. Ltd.		
2	Proposed Activity	Expansion of existing Steel making and Rolling mill Industrial Unit.		
3	Name of the Sector & Schedule No. (in the EIA Notification, 2006)	3(a) “c” Secondary Metallurgical Processing Industry		
4	Name & Address of the Project Proponent	Sri. V.Kurian Varghese, Managing Director, M/s. Met Rolla Steels Pvt. Ltd, Paipra, Pezhakkappilly P.O, Muvattupuzha Thaluk, Ernakulam		
5	Project Location			
	a) Survey Nos.	1048/16-1, 1048/1-36, 1048/16-2-2, 1048/15-3-2, 1048/15-2-30, 1048/15-1, 1054/28-1, 1054/28/2, 1052/2/3, 1052/1/6, 1052/2/2, 1052/1/5, 1052/2/4		
	b) Revenue Village	Mulavoor		
	c) Taluk	Muvattupuzha		
	d) District	Ernakulam		
7	Existing area (in Hectare)	2.9100 Ha		
8	Products & Plant Capacity (in TPA)	Total	Existing	Proposed
		Ingots/Billets – 90,000	27,000	63,000
		MS Bars/TMT Bars – 90,000	75,000	15,000
9	Total water requirement	55 KLD		
10	Capacity of Common Effluent Treatment Plant	15 KLD		
11	Capacity of Common Sewage Treatment Plant	25 KLD		
12	Project Cost	₹ 750 Lakh		

## 2) EMP Details

Sl.No.	Description	Capital Cost (In Lakh)		Recurring Cost (In Lakh)	
		Construction Phase	Operation Phase	Construction Phase	Operation Phase
1	Air Pollution Control	42	5	2	10.5
2	Water Pollution Control	5	2	1	4
3	Noise Pollution Control	7	2	1	1.8
4	Solid Waste	10	2	1	2.3
5	Energy conversation costs	16	5	4	6.4
6	Green belt	8.1	2	2	2
7	Environmental Monitoring & Management	2.2	-		2.8
8	Others Occupational health & Safety	11	2	2.1	4.4
	<b>Total</b>	<b>101.3</b>	<b>20.00</b>	<b>13.1</b>	<b>34.2</b>

### 3) CER Details

Sl.No	Description	Amount (Rs.)
1	Preparation of identified area for solar panel installation including electrification	5,00,000
2.	Installation of solar panel of 20KWp	15,86,780
3	Maintenance	1,50,000
	<b>Total</b>	<b>Rs. 2,236,780/-</b>

2. In the 147<sup>th</sup> SEAC meeting, the Committee recommended EC subject to the following specific conditions in addition to standard conditions stipulated as per OM dated 9.8.2018 of the MoEF&CC.

3. In the 131<sup>st</sup> meeting, the Authority decided to issue prior environmental clearance for the expansion of M/s. Met Rolla Steels Pvt. Ltd for 10 years as per details given below and subject to the following specific conditions also decided in the 136<sup>th</sup> meeting of Authority and general conditions.

<i>(1) Products &amp; Plant capacity (In TPA)</i>	<i>Existing</i>	<i>Proposed</i>
<i>Total</i>		
<i>Ingots/Billets</i>	<i>27,000</i>	<i>63000</i>
<i>90,000</i>		
<i>MS Bars/TMT Bars</i>	<i>75,000</i>	<i>15,000</i>
<i>90,000</i>		

*(2) Green belt should be developed as per the plan and geotagged photographs should be submitted along with HYCR. The suggested species are Phyllanthus emblica(Nelli), Syzygium cumini (Njaval), Writia tinctoria (Dhanthapala) , Ficus bengalensis(Peral), Ficus racemosa(Atti), Bambusa bamboos(Mullumula), Dendrocalamus strictus (Kallan mula), Strychnos nuxvomica(Kanjiram), Terminalia cattappa( Thanni), Schleicheria oleosa(Poovam), Artocarpus hirsutus(Ayiniplavu) etc.*

*(3) The survival rate of the planted trees should be monitored regularly and reported in the HYCR*

- (4) Adequate measures should be taken to harvest the rainwater as per the guidelines issued by the Central Ground water Authority.*
- (5) The concentration of PM2.5, PM10, and Noise level should be monitored half yearly up to 500m radius of the factory and reported in the HYCR.*
- (6) Online temperature sensors should be installed at various temperature sensitive locations and the data monitored and log book maintained. The daily maximum and minimum temperature monitored should be reported in the HYCR.*
- (7) The workers should be provided with proper protective equipment and safeguard measures for dust and noise pollution and heat stress.*
- (8) Adequate energy conservation measures should be implemented including solar power installations. As assured by the project proponent, the total energy requirements of the factory complex other than industrial purposes shall be met by installation of an On-Grid solar power plant capacity of 30kWp.*
- (9) Regular occupational health check-up and safety drill should be conducted and the details should be provided in the HYCR.*
- (10) Regular monitoring of well within and nearest to the factory premises should be monitored for water level and water quality, the latter as per PCB norms and data provided in the HYCR.*
- (11) The CER proposed should be implemented within the first two years and maintained on a regular basis.*

**4. Environmental Clearance as per the EIA Notification, 2006 is hereby accorded for the expansion of existing Steel making and Rolling mill Industrial Unit M/s Met Rolla Steels Pvt.Ltd at Sy. Nos. 1048/16-1, 1048/1-36, 1048/16-2-2, 1048/15-3-2, 1048/15-2-30, 1048/15-1, 1054/28-1, 1054/28/2, 1052/2/3, 1052/1/6, 1052/2/2, 1052/1/5, 1052/2/4 in Paipra Panchayat, Mulavoor Village, Muvattupuzha Taluk, Ernakulam for 10 (Ten) years. The EC is subject to the Specific Conditions stipulated by SEIAA in Para 3 above, and all the environmental impact mitigation and management measures undertaken by the Project Proponent in the Form I, EMP, PFR and other documents submitted to SEIAA. The assurances and clarifications given by the Project proponent will deemed to be a part of this Proceedings as if incorporated herein.**

5. The Environmental Clearance issued will also be subject to full and effective implementation of all the undertakings given in the Application Form, mitigation measures as assured in the Environment Management Plan as submitted with the application. The above undertakings and the conditions as submitted will be deemed to be part of this Proceedings as conditions as undertaken by the project proponent, as if incorporated herein.
6. Validity of the Environmental Clearance will be for **Ten (10) years** subject to the specific conditions in addition to standard conditions stipulated as per OM dated 9.8.2018 of the MoEF&CC, and the General Conditions mentioned below.
7. Compliance with the conditions herein will be monitored by the State Environment Impact Assessment Authority or its authorised offices and also by the Regional Office of the Ministry of Environment, Forest & Climate Change, Govt. of India, Bangalore. Necessary assistance for entry and inspection should be provided by the Project Proponent and those who are engaged or entrusted by him to the staff for inspection or monitoring. Instances of violation if any shall be reported to the District Collector, Ernakulam.
8. The Half Yearly Compliance Report (HYCRs) with name of the project, EC No. and date, the period of submission with its contents, compliance report and environmental monitoring data & covering letter have to be uploaded in the Parivesh Portal as per O.M. F.No.IA3-22/1/2022-IA-III(E)-17264 dated 14.06.2022 and the website of the Project Proponent. Hardcopy of HYCRs shall not be acceptable.
9. The given address for correspondence with the authorised signatory of the project is Sri. V.Kurian Varghese, Managing Director, M/s. Met Rolla Steels Pvt. Ltd, Paipra, Pezhakkappilly P.O, Muvattupuzha Taluk, Ernakulam.

### **GENERAL CONDITIONS**

1. *The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.*
2. *The project 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.*

- 3. The project proponent should advertise in newspapers that the project has been accorded Environmental Clearance and copies of clearance letters are available in the Office of State Environment Impact Assessment Authority (SEIAA) and on the website of the Authority at [www.seiaakerala.in](http://www.seiaakerala.in). The advertisement should be in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language. The advertisement should be made within 10 days from the date of receipt of the Environmental Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.*
- 4. The proponent shall send a copy of the EC to concerned Grama Panchayat/ District Panchayat/ Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The Environmental Clearance shall also be uploaded on the website of the company.*
- 5. All the statutory clearances should be obtained, as applicable, by the project proponent from the respective competent authorities. Copies of all statutory clearances shall be submitted along with First Half Yearly Compliance Report.*
- 6. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee.*
- 7. The project proponent shall monitor fugitive emissions in the plant premises in every six months through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.*
- 8. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.*
- 9. The gaseous emissions and effluent discharges from various process units should conform to load / mass based standards notified by the Ministry on 19<sup>th</sup> May 1993 and standards prescribed from time to time. The KSPCB may specify more stringent*



*standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time the emission level should go beyond the prescribed standards.*

- 10. Effective safeguard measures such as regular water sprinkling and/or sufficient number of mobile or stationery vacuum cleaners shall be provided in critical areas prone to air pollution such as haul road, loading and unloading points and transfer points and having high levels of  $PM_{10}$  and  $PM_{2.5}$ .*
- 11. The project proponent shall monitor the criteria pollutants level namely;  $PM_{2.5}$ ,  $PM_{10}$ ,  $SO_2$ ,  $NO_x$  (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location near the entry gate for disclosure to the public and put on the website of the company.*
- 12. Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, oil cellars.*
- 13. Project proponent should obtain necessary prior permission of the competent authorities for drawing requisite quantity of surface water and ground water for the project, if required.*
- 14. Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified.*
- 15. The project proponent shall monitor regularly the effluent and the ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.*
- 16. Garland drains and collection pits shall be provided for the effective management of storm water to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.*
- 17. Green belt with appropriate fast growing indigenous species of trees on circular rows should be developed all around the compound of the plant to serve as a buffer beyond which industrial activity must not be carried out*
- 18. Maximum possible solar energy generation and utilization shall be ensured as an*

*essential part of the project.*

- 19. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.*
- 20. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.*
- 21. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.*
- 22. A separate Environmental Management Cell (EMC) with suitable qualified personnel should be set-up under the chairmanship of a Senior Executive, who will report directly to the Head of the Organization. The Cell should have representative of Biodiversity Management Committee of the Panchayat and a representative of NGO, if any active in the area. The EMC should meet at least once in six months and review the activities and minutes should be a part of the compliance report.*
- 23. The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.*
- 24. Corporate Environmental Responsibilities (CER) Plan as prescribed by SEIAA/SEAC should be carried out leading to Environmental stability of the Project region. The completed projects and installations as part of the CER Plan should be maintained and monitored during the EC period. The activities carried out under CER should form a part of the half yearly compliance report. The certificates from the beneficiaries, if the CER part is completed should also be submitted to the State Environment Impact Assessment Authority (SEIAA) along with year wise expenditure.*
- 25. The proponent shall submit Half Yearly Compliance Reports (1<sup>st</sup> of June & 1<sup>st</sup> of December) on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored*

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

- 26. 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.*
- 27. In case of transfer of EC the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.*
- 28. No further expansion or modification in the plant should be carried out without prior approval of the Authority and in accordance with the notifications of MoEF&CC from time to time.*
- 29. The EC given will be withdrawn by the Authority at any time if the area is declared high hazardous by the SDMA.*
- 30. The SEIAA may revoke or suspend the order, for non-implementation of any of the specific or any of the above conditions. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.*
- 31. The Environmental Clearance will be subject to the final order of the courts on any pending litigation related to the land or project, in any court of law.*
- 32. 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.*
- 33. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard*

*operating procedures, to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements I deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/ or shareholders / stake holders. The copy of the board resolution in this 'regard shall be submitted to the MoEF&CC as a part of half yearly compliance reports.*

*34. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.*

*35. The Regional Office of this Ministry 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.*

*36. Any appeal against this EC 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.*

*37. 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.*

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

To

Sri. V.Kurian Varghese, Managing Director  
M/s. Met Rolla Steels Pvt. Ltd, Paipra  
Pezhakkappilly P.O, Muvattupuzha Taluk  
Ernakulam

Copy to

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wing, II Block, Koramangala, Bangalore-560034.(through e-mail: ros.z.bng-mefcc@gov.in)
2. The Secretary to Government, Environment Department, Government of Kerala

3. The Director, Directorate of Environment & Climate Change, 4th Floor KSRTC Bus Terminal, Thampanoor, Thiruvananthapuram, Kerala 695001.
4. The District Collector, Ernakulam
5. The Member Secretary, Kerala State Pollution Control Board
6. The Tahsildhar, Muvattupuzha Taluk, Ernakulam
7. The Secretary, Paipra Grama Panchayat, Ernakulam
8. The Chairman, SEIAA.
9. Website.
10. S/f
11. O/c