

COMPLIANCE REPORT – No.2

OCTOBER 2024 – MARCH 2025

M/S METROLLA STEELS PVT. LTD

ERNAKULAM, KERALA



Administrative Office:

Madaparambil Chambers,
Muvattupuzha-686661
Ernakulam (Dist.), Kerala,
India.

MET ROLLA STEELS PRIVATE LTD

An ISO 9001 Certified Company

-----Page 1 of 1-----

Dt. 31-05-2025

The Additional Principal Chief Conservator of Forests (C)

Ministry of Environment, Forests & Climate Change,
4th Floor, E& F Wing, Kendriya Sadan,
Koramangala, Bangalore - 560034

Ref :- 1. EC identification Number - EC24B008KL179028 dt.13-03-2024

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

Sub :- Environment Clearance – Expansion of existing steel making and Rolling mill Industrial Unit by M/s Metrolla Steels Pvt. Ltd. Mulavoor Village, Muvattupuzha Taluk, Ernakulam District, Kerala – Compliance Report – Second Compliance Report – Reg.

Respected Sir,

The steel making and Rolling mill Industrial Unit was accorded Environmental Clearance on 13-03-2024, vide order No. **EC identification Number - EC24B008KL179028** by State Environmental Impact Assessment Authority, Kerala. The compliance report of Second half (**October 2024 – March 2025**) to the general condition of the Environment Clearance is enclosed.

Thanking you,

Yours respectfully,

For, M/s MetRolla Steels Pvt. Ltd.



Copy to:-

**The Member Secretary
State Environment Impact Assessment Authority (SEIAA),
Thiruvananthapuram, Kerala.**

Encl: - As Above

Factory:

Pezhakkappilly P.O, Paipra, Muvattupuzha-686674,
Ernakulam (Dist.), Kerala, India.
E-mail: metcon@gmail.com
Web site: www.mslpvt.com

COMPLIANCE REPORT

TO

THE CONDITIONS

OF

ENVIRONMENT CLEARANCE ORDER

(1972/EC3/2022/SEIAA)

EC IDENTIFICATION NUMBER

EC24B008KL179028 dt.13-03-2024

FOR THE PERIOD OF

October 2024 To March 2025

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INTRODUCTION

M/s **MetRolla Steels Pvt. Ltd.** is an Expansion of existing steel making and Rolling mill Industrial Unit at 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 Mulavoor Village, Muvattupuzha Taluk, Ernakulam District, Kerala. The project was accorded Environmental Clearance for production of 90,000 MT Ingots/Billets and 90,000 MT MS Bars/TMT Bars on 13-03-2024 vide File No. 1972/EC3/2022/SEIAA, Environmental Clearance No. 55/S/2024 and EC identification Number - EC24B008KL179028 by State Environment Impact Assessment Authority, Kerala.

The half yearly compliance report needs to be submitted as part of general condition No.25 of Environmental Clearance order by the project proponent. The compliance report to conditions of the Environmental Clearance for the period of **October 2024 – March 2025** (Second half) is being submitted.

COMPLIANCE REPORT

SPECIFIC CONDITIONS

Specific Conditions

01	Products & Plant capacity (In TPA) of existing is Ingots/Billets - 27,000 and MS Bars/TMT Bars 75,000, Proposed is Ingots/Billets 63000 and MS Bars/TMT Bars 15,000. Total production is M S Bars/TMT – 90,000 TPA and Ingots/Billets – 90,000 TPA.	Noted
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Compliance:-

The plant is running with existing capacity, The preparatory work for the expansion of the existing plant has started. The Plant capacity after expansion will be 90,000 TPA of M S Bars/TMT and 90,000 TPA Ingots/Billets. The expansion work is being progressed in the project site.

02	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.	Noted
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Compliance:-

The expansion work is progressing in the project site. The green belt will be developed as per the plan after the expansion work. The project proponent will plant the saplings mentioned in the conditions around the plant as green belt.

03	The survival rate of the planted trees should be monitored regularly and reported in the HYCR	Noted
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Compliance:-

The expansion work of the plant is yet to start. The PP will plant the saplings mentioned in the condition above around the plant as green belt and the survival rate of the plated trees will be monitored and reported in the Half Yearly Compliance Report.

04	Adequate measures should be taken to harvest the rainwater as per the guidelines issued by the Central Ground water Authority.	Complied
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Compliance:-

The project proponent has constructed rain water harvesting tank in the project site as part of water conservation. The capacity of the tank is 145 KL and it will be increased during expansion of the project.

05	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.	Complied
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Compliance:-

The project proponent has monitored the ambient air and noise level up to 500 m radius of the factory. The result is attached in the Half Yearly Compliance Report.

06	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	Complied
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Compliance:-

The Project proponent has installed thermometer in the project site to know the temperature at various locations. The data is being monitored and a log book is maintained to assess the status of the same.

07	The workers should be provided with proper protective equipment and safeguard measures for dust and noise pollution and heat stress	Complied
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Compliance:-

The project proponent has provided proper protective equipment to the labours working in the plant. The project proponent has provided fans in various places in the plant to reduce the heat generation during the operation of plant. The PP has provided ear plugs to the labours to reduce the impact from noise.

08	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.	Noted
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Compliance: -

The Project proponent will install solar panels in the project site after expansion work of the proposed plant. 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

09	Regular occupational health check-up and safety drill should be conducted and the details should be provided in the HYCR.	Complied
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Compliance: -

The Project proponent has conducted health check – up of labours working in the plant and safety drill to enhance the awareness of labours. The photograph of the same is attached in the Half Yearly Compliance Report as **Plate No. 1**

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	Complied
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Compliance: -

The project proponent has started to monitor the water quality and water level of the well located near to the factory regularly.

11	The CER proposed should be implemented within the first two years and maintained on a regular basis.	Noted
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Compliance: -

The CER Proposed in connection with the expansion project will be executed within first two years and maintained on regular basis. This will be updated in the Half yearly Compliance Report.

COMPLIANCE REPORT

GENERAL CONDITIONS

GENERAL CONDITIONS

01	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.	Complied
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Compliance:-

The project proponent follows the conditions of EC issued and obtained all necessary approvals and licenses for the establishment of plant. The PP has been following all conditions stipulated in the approvals obtained for the expansion of the plant capacity.

02	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.	Complied
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Compliance:-

The Project proponent has submitted a notarised affidavit that all the conditions stipulated in the EC shall be scrupulously followed as mentioned in the above condition. The copy of notarised affidavit is attached as **Annexure No.1**

03	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 (SELAA) and on the website of the Authority at 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.	complied
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Compliance:

The project proponent has advertised that the project has been accorded Environmental Clearance and copies of clearance has been accorded Environmental Clearance and copies of clearance letters are available in the Office of State Environment Impact Assessment Authority (SELAA) and on the website of the Authority at www.seiaakerala.in, This was published in in two local news papers circulated in the region.

The signed copy of EC was submitted at SEIAA. The Notice published in news paper is attached as **Annexure No.2A & 2 B**.

04	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.	complied
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Compliance:

The proponent has submitted a copy of the EC to Grama Panchayat. The EC was uploaded in the website of the company.

05	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.	complied
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Compliance:

All the statutory clearance was obtained for the existing plant and the expansion is yet to take place in the project site. The copy of statutory licenses approvals is attached as **Annexure No.3 to 5**. The details of the approvals and licenses is provided below in the table.

Sl. No	Approvals/Licenses	Issue date	Annexure
01	EC order	13/03/2024	03
02	Panchayat License	01/04/2022	04
03	Consent for Operation	04/06/2023	05

06	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.	Being Complied
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Compliance:

The PP is being implementing the commitments and recommendations made in the EIA/EMP report, public hearing and presentation made before State Expert Appraisal Committee.

07	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	complied
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Compliance:

The PP has monitored fugitive emission in the plant premises in every six months through laboratories recognised under Environment Protection Act, 1986 or NABL accredited laboratories. The copy of emission report is attached as **Annexure No.6**.

08	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	complied
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Compliance:

The project proponent has installed Air Pollution Control (APC) system has provided in the dust generating points thereby comply prescribed stack emission and fugitive emission standards. To reduce dust emission, the PP has installed sprinklers around the project site.

09	The gaseous emissions and effluent discharges from various process units should confirm to load/mass based standards notified by the Ministry on 19th 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	Complied
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Compliance:

The project proponent has installed adequate measures to bring down the emission in to the prescribed standards mentioned by Pollution Control Board. The gaseous emissions and effluent discharges from various process units is being confirmed to load/mass based standards notified by the Ministry on 19th May 1993 and standards prescribed from time to time.

10	Effective safeguard measures such 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 PM₁₀ and PM_{2.5}	Complied
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Compliance:

To reduce the emission of dust from transfer points, drive way, the project proponent is being splash water and using stationary vacuum cleaners. The PP has installed sprinklers and the photograph of the same is attached as **Plate No.2**.

11	The project proponent shall monitor the criteria pollutants level namely: PM ₁₀ , PM _{2.5} 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.	Complied
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Compliance:

The project proponent has monitored various parameters of ambient air and stack emissions. The monitored result was displayed at a convenient location neat the entry gate for disclosure to the public and upload 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.	Complied
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Compliance:

Since the plant is in operation, the ventilation system is provided for adequate air changes in the plant. Adequate ventilation system will provide during its expansion stage.

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	Noted
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Compliance:

The project proponent need not to construct additional well in the plant , permission for drawing requisite quantity of water is not necessary.

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

The project proponent has provided rain water harvesting facility in the plant premises. The provision of KMBR/KPBR is not applicable in this industrial shed. A tank with capacity of 145 KL has provided in the project site for rain water harvesting.

15	The project proponent shall monitor regularly the effluent and the ground water quality at least twice in 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	complied
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Compliance:

The project proponent will monitor the quality of ground water and effluent regularly. This test will be done through a NABL accredited lab.

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.	Noted
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Compliance:

The project proponent will provide garland drains and collection pits 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. Currently there is drainage in the project site for the storm water management.

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	Noted
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Compliance:

Green belt with appropriate fast growing indigenous species of trees on circular rows will be developed all around the compound of the plant to serve as a buffer. The expansion work is yet to start in the project site. The saplings will be planted after expansion work. There are many existing trees in the project site.

18.	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Noted
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Compliance:

Maximum possible solar energy generation and utilization will be ensured as an essential part of the project. The expansion of the project is in progress.

19.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Complied
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Compliance:

The project proponent has conducted health surveillance of the workers on a regular basis and the records of the same is maintained. The photographs of the same is attached as plate.

20	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Complied
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Compliance:

The Project proponent has prepared an emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan. This plan is being 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.	Complied
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Compliance:

The project proponent has carried out heat stress analysis for the workmen who work in high temperature work zone. Personal Protection Equipment (PPE) is provided to all labours as per norm. To reduce the heat the PP has implemented additional measures in the plant.

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.	Complied
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Compliance:

The project proponent has constituted a separate Environmental Management Cell (EMC) with suitable qualified personnel should be set-up under the chairmanship of Mr. Kurian Varghese. The EMC meeting convene regularly to review the activity.

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 ELA Notification, 2006.	Complied
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Compliance:

The project proponent has taken all necessary licenses and approvals for the operation of steel plant. The conditions stipulated in various approvals and licenses and provisions in various Acts mentioned in the conditions in tune with the steel industry is being complied with.

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.	Noted
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Compliance:

The project proponent has started discussions to implement various activities under Corporate Environment Responsibility. The commitment made in the SEIAA/SEAC will be implemented within 2 years.

25	The proponent shall submit Half Yearly Compliance Reports (1st of June & 1st of December) on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall be simultaneously sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA). The proponent has to submit Environmental statement in form of Environment (Protection) Rules 1986 to SPCB on 31 March every year.	Complied
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Compliance:

The first Half Yearly Compliance Report of the instant project is being submitted to the State Environmental Impact Assessment Authority, (SEIAA), Kerala and the Regional Office of MoEF&CC, Govt. of India, Bangalore with the results of monitored data as mail. The

monitored results of are attached as **Annexure No. 6 to 9**. The HYCR is being uploaded in the website of the plant.

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.	Noted
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Compliance:

The project proponent is ready to implement all additional safeguard measures suggested by the authority in addition to the conditions stipulated in the issued Environmental Clearance.

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.	Noted
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Compliance:

There is no plan to transfer the EC as of now, In case of transfer of EC, the matter will be intimated and approval from the Authority will 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.	Noted
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Compliance:

No further expansion or modification in the plant will 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.	Noted
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Compliance:

The conditions is noted and will be complied if such situation arises.

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.	Noted
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Compliance:

The project proponent is being implement the conditions stipulated in the EC. The proponent is ready to implement the additional conditions if the authority impose on the project for the interest of environment 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.	Noted
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Compliance:

There is no litigation pending against the land ir 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	Noted
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Compliance:

The project proponent did not conceal any factual data or submitted false/ fabricated data at SEIAA/ SEAC for the appraisal and obtain Environmental Clearnce. All conditions stipulated in the EC is being implemented.

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 / 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	Complied
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Compliance:

The Project proponent 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 Clearance.

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.	Complied
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Compliance:

The project proponent did not conceal any factual data or submitted false/ fabricated data at SEIAA/ SEAC for the appraisal and obtain Environmental Clearance.

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.	Noted
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Compliance:

The project authorities will 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.	Noted
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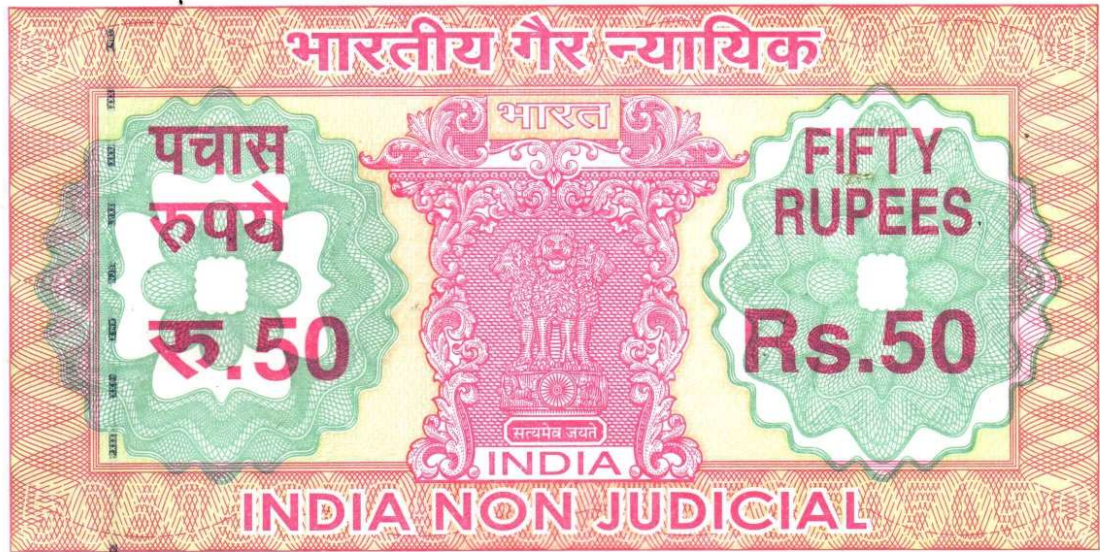
37	The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license and consent given by any other authority for the same project.	complied
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Compliance:

The project proponent is being implemented the conditions stipulated in the EC as part of conservation of Environment.

ANNEXURE

Annexure No1



കേരളം KERALA

CZ 273590

AFFIDAVIT

I, V. Kurian Varghese aged 59 years, S/o V. K Varghese, applicant and Managing Director, M/s. MetRolla Steels Private Limited and my correspondence address at Pezhakkappilly P.O, Muvattupuzha Taluk Ernakulam District, Kerala- Pin 686674, do hereby affirm and confirm as follows: -



For MET ROLLA STEELS PRIVATE LIMITED

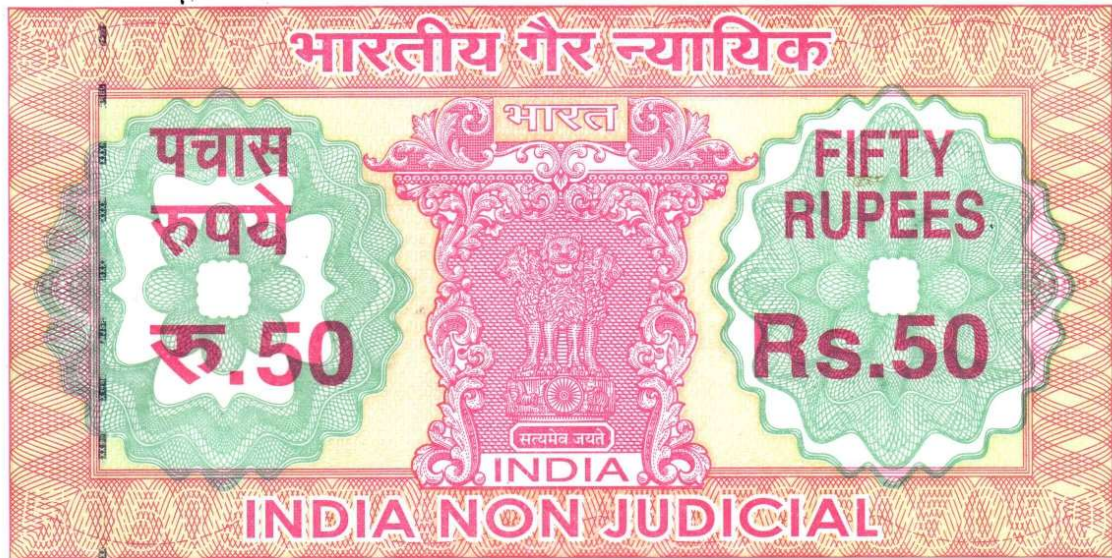
MANAGING DIRECTOR

V. Kurian Varghese

DEPONENT

NO. 55469 Rs. 80 Date. 19/3/24
Sold to Mangal Director MetRolla Steels Pvt. Ltd.
K.K. RAMANANDAN NAIR





കേരളം KERALA

CZ 273592

1. That, we propose to 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 District, Kerala.



For MET ROLLA STEELS PRIVATE LIMITED

V. Kurian Varghese
MANAGING DIRECTOR

V. Kurian Varghese

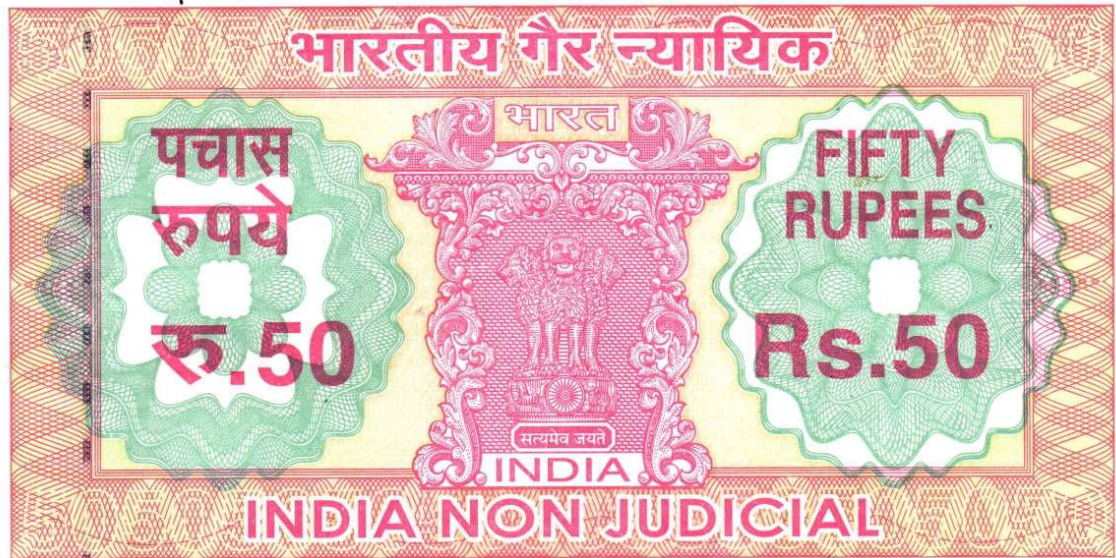
DEPONENT

20/3/24
A.B. Ananthapadmanabhan Nair, (Adv. Ananthan)
District Notary
Ananthans Sreekailasom Ancillary
S.N.D.P. Junction, Muvattupuzha P.O. 25
(Res) Sreekal, Ernakulam, H. No: 25
Muvattupuzha
9446739988

NO. 53471 Rs. 80 Date: 19/3/24

Sold to: Managing Director Metrolla Steel Mills
K.K. RAMACHANDRAN NAIR

Paipra



കേരളം KERALA

CZ 273593

2. That, the Environmental Clearance proceedings number and date are
 EC Identification No. EC24B008KL179028 [Proposal No.
 SIA/KL/IND1/405847/2022 & File No. 1972/EC3/2022/SEIAA] dated
 13.03.2024.

For MET ROLLA STEELS PRIVATE LIMITED

V. Kurian Varghese
 MANAGING DIRECTOR

V. Kurian Varghese

DEPONENT



20/3/24
 A. B. Ananthapadmanabhan Nair (Adv. Ananthan)
 District Notary
 (Off) Ananthans Sreekalasom Ancillary
 S. N. D. P. Junction, Muvattupuzha P.O.
 (Res) Sreekalasom, Muvattupuzha P.O. H. No. 25
 Muvattupuzha - 686 009



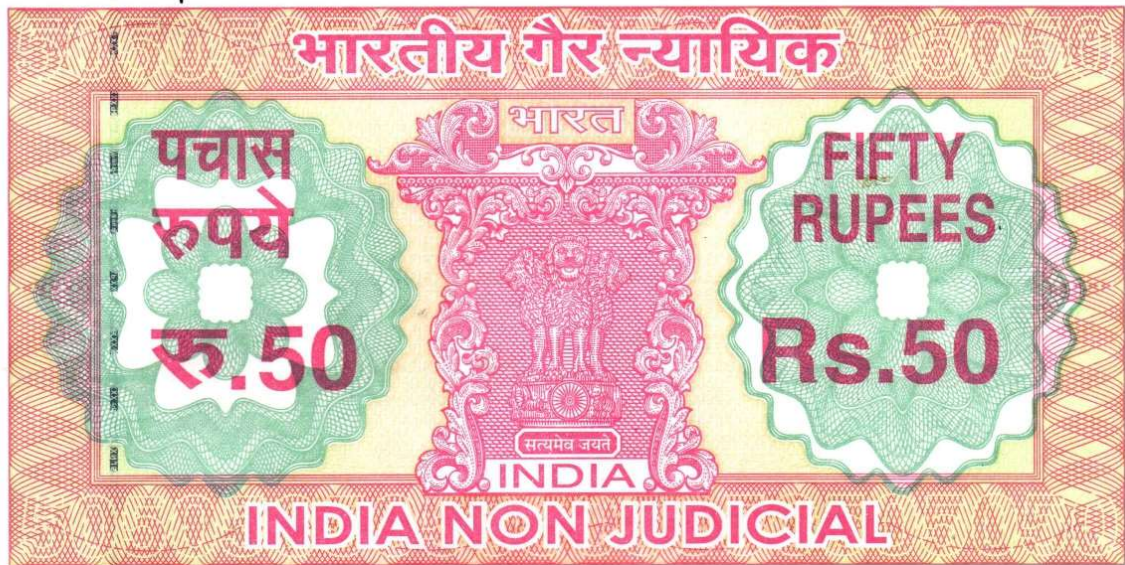
NO. 85472 Rs. 50
 Sold to Managing Director Metrolla Steels Pvt. Ltd.
 MUVAATTUPUZZHA
 K. K. RAMACHANDRAN NAIR

[Signature]

19/3/2024

Director Metrolla Steels Pvt. Ltd.

Proper



കേരളം KERALA

CZ 273591

3. That, all the conditions stipulated in the Environmental Clearance would be scrupulously followed.

For MET ROLLA STEELS PRIVATE LIMITED

[Signature]

MANAGING DIRECTOR

V. Kurian Varghese

DEPONENT

Verification :

Verified that my above statements are true to the best of my knowledge and belief and nothing material has been concealed therein.

For MET ROLLA STEELS PRIVATE LIMITED

[Signature]

V. Kurian Varghese

DEPONENT

Place: Muvattupuzha

Date : March 20, 2024



[Signature]
20/3/24
B. Ananthapadmanabhan
District Notary
(Off) Ananthans Sreekailasom Ancillar
S. N. D. P. Junction, Muvattupuzha P.O.
(Res) Sreekailasom Ancillar, H. No. 173991

NO. 88410 Rs. 50 Date. 19/3/24

Sold to *Managing Director, Metrolla Steels Pvt Ltd*
MUVATTUPUZHA VENDOR
K.K.RAMACHANDRAN NAIR

Receipt



Affidavit

Annexure No.3



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 Schedule No. | 3(a) Metallurgical industries (ferrous & non ferrous) |
| 6. Name of Project | Expansion of existing Steel making and Rolling mill Industrial Unit by M/s. Met Rolla Steels Pvt. Ltd. |
| 7. Name of Company/Organization | MET ROLLA STEELS PRIVATE 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.

State Level Environment Impact Assessment Authority, Kerala

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

File No. 1972/EC3/2022/SEIAA

- Ref: 1. Application for EC received from Sri. V.Kurian Varghese on 01.12.2022
2. Minutes of the 147th SEAC meeting held on 21st & 22nd July 2023.
2. Minutes of the 131st SEIAA meeting held on 24th & 25th August 2023.
3. Minutes of the 136th SEIAA meeting held on 09th 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
	Total	101.3	20.00	13.1	34.2

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
	Total	Rs. 2,236,780/-

2. In the 147th 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 131st 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 136th meeting of Authority and general conditions.

<i>(1) Products & 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, Emakulam.
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, Emakulam.

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. 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 confirm to load / mass based standards notified by the Ministry on 19th 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 (1st of June & 1st of December) on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored*

data on their website and shall update the same periodically. It shall be simultaneously sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA). The proponent has to submit Environmental statement in form V of Environment (Protection) Rules 1986 to SPCB on 31st 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, 4th Floor, E&F Wing, II Block, Koramangala, Bangalore-560034.(through e-mail: rosz.bng-mefcc@gov.in)
2. The Secretary to Government, Environment Department, Government of Kerala

EC Identification No. - EC24B008KL179028 File No. - 1972/EC3/2022/SEIAA Date of Issue EC - 13/03/2024 Page 12 of 13

Environmental Clearance

Annexure No.4



ലൈസൻസ് നമ്പർ : എ3-1435/2022-23 -.. 38 തീയതി : 01/04/2022

പായിപ്ര ഗ്രാമപഞ്ചായത്തിൽനിന്നും
1994ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകളും
അതേ തുടർനുള്ള ചട്ടങ്ങളും അനുസരിച്ച്
ഫാക്ടറികൾ, വ്യാപാരങ്ങൾ, സംരംഭങ്ങൾ, മറ്റു സേവനങ്ങൾ എന്നിവയ്ക്കായി നൽകുന്ന
ലൈസൻസ്

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	വി.കുര്യൻ വർഗ്ഗീസ്, മാനേജിംഗ് ഡയറക്ടർ, മെട്രോള സ്റ്റീൽസ് പ്രൈവറ്റ് ലിമിറ്റഡ്, പേഴ്ക്കാപ്പിള്ളി	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	മെട്രോള സ്റ്റീൽസ് പ്രൈവറ്റ് ലിമിറ്റഡ്	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	5100HP ഉപയോഗിച്ച് റ്റി എം ടി അയേൺബാർസ്, റോഡ്, ഇൻഗോട്ട്സ്, സ്പോഞ്ച് അയേൺ, സ്പെയർസ് കൺസ്റ്റ്രക്ഷൻസ്, എം.എസ് സ്ക്രാപ്പ് നിർമ്മാണം നടത്തുന്നതിന്	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	2 / 531 to 539	
ലൈസൻസ് കാലയളവ്	01-04-2022 മുതൽ 30-06-2023 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	75,000 + 255,000/- രൂപ	രസീത് നമ്പർ 121010500110 തീയതി 25-02-2022
	തൊഴിൽക്കരം	1250 + 1250 Rt.No.121010500110 Dt : 25-02-2022
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷേപപത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)	1. മലിനീകരണനിയന്ത്രണ ബോർഡിൽനിന്നുള്ള അനുമതി ... RI4ERNA-CTO-R-168005(30/06/2023) ... 30-07-2018 2. അഗ്നിസുരക്ഷാവകുപ്പിൽനിന്നുള്ള നിരാക്ഷേപപത്രം ... G-6958/14 ... 16-08-2014 3. പ്ലാസ്റ്റിക് നിരോധനം, സ്ഥലനാമം എന്നിവ സംബന്ധിച്ച സത്യവാങ്മൂലം 4. ഫാക്ടറീസ് & വ്യവസായവകുപ്പിൽനിന്നുള്ള നിരാക്ഷേപപത്രം ... AWY/IDK/03/415/1996(31/12/2024) ... 26-10-2019 5. ജില്ലാ മെഡിക്കൽ ഓഫീസറുടെ നിരാക്ഷേപപത്രം ... LDisC2-15702/14 ... 29-08-2014 6. മലിനീകരണ നിയന്ത്രണ ബോർഡിൽ നിന്നുള്ള പാസ്സായ അനുമതി PCB/EKM/DOJ/KO-RENEWAL/RI4ERNA 168005/2023 DTD 04/06/2023 validity 30/06/2028	



JINESH G. SECRETARY
 PAIPRA GRAMA PANCHAYAT OFFICE
 Pezhakkappilly P.O.
 Ph. 0485-2612266, 9486045561

ANIL KUMAR SECRETARY
 PAIPRA GRAMA PANCHAYAT OFFICE
 Pezhakkappilly P.O.
 Ph. 0485-2612266, 9486045561

(ഓഫീസ് മുദ്ര)

Panchayat License

Annexure No.5



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/EKM/DO II/ICO-RENEWAL/R14ERNA168005/2023

Date of issue :04/06/2023

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : PCB/EKM/DO II/ICO-RENEWAL/18773523/2023

Ref : CONSENT NO:R14ERNA-CTO-R-168005 DATED:30.07.2018 VALID UP TO:30.06.2023

The ' Integrated Consent to Operate' issued as per reference above to M/s METROLLA STEELS LTD., PAIPRA, PEZHAKKAPPILLY P O, MUVATTUPUZHA, PINCODE- 686674 is hereby renewed up to 30/06/2028 and issued to M/s METROLLA STEELS LTD., PAIPRA, PEZHAKKAPPILLY P O, MUVATTUPUZHA, PINCODE- 686674. The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	VALIDITY	30.06.2028
2	CAPITAL INVESTMENT	Rs 750.00 LAKHS
3	CATEGORY	ORANGE
4	ANNUAL FEE	Rs 43000/-
5	FEE REMITTED	Rs 215000/-
6	SURVEY NUMBERS	1054/28/1, 1048/15/1
7	TOTAL MACHINERY CAPACITY	5100 HP
8	RAW MATERIALS	CLEAN SELECTED IRON SCRAP, SPONGE IRON, PIG IRON, M.S. INGOTS/BILLETS
9	PRODUCTS	M.S INGOTS/ BILLETS @ 140 Metric Tonne/day, M.S. BARS & RODS/ TMT BARS @ 120 Metric Tonne/day

II. Stack Details

Stack No.	Source of Emission	Emission Rate(Nm3/Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	

III. CONDITIONS

3.1 For renewal of the consent in case of continuance of discharge/operation of the industry, application in the prescribed form shall be submitted through the web portal of the Board for Online Consent Management & Monitoring System 2 months prior to the date of expiry. Late application will be accepted only with fine.

3.2 This consent is granted subject to the power of the Board to review and make variation in or revoke any of the conditions as the Board deems fit as per the relevant Acts/Rules.

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

3.4 No change or alteration of the unit/establishment is to be made without the prior written permission of the Board. Any change in the particulars furnished and/or in the identity of the occupier/authorized agent is to be intimated to the Board forthwith.

3.5 Proper Solid waste management system shall be provided in the unit, arrangements for collection, segregation, storage, handling and disposal of solid Waste including garbage shall be provided as per SWM Rules 2016 and the facility shall be maintained properly.

3.6 Pollution control measures provided in the unit to control air pollution, noise pollution and water pollution shall be maintained properly and made functional while the unit is in operation.

3.7 Expansion of the unit, installation of additional machinery, change in production shall not be done without obtaining Consent from the Board.

3.8 This consent is granted on the basis of the affidavit and other documents furnished by the applicant. If the statement furnished in the affidavit/document is found false or in the case of non-compliance of integrated consent to operate conditions the consent issued will be withdraw/cancelled.

MACHINERY DETAILS

1.MELTING FURNACE - 2200 HP

2.ROLLING MILL - 2900 HP

TOTAL MACHINERY CAPACITY - 5100 HP

All other conditions of the Integrated Consent to Operate issued as per reference above remain unchanged.

Sajeesh Joy Digitally signed by Sajeesh Joy
Date: 2023.06.04 08:24:46
+05'30'

DATE :04/06/2023

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER DO-2,EKM

Consent to Operate

Annexure No.6

**POLUCHEM LABORATORIES PVT LTD**

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, NORTH KALAMASSERY, ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, www.poluchem.com, poluchem@gmail.com

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

CERTIFICATE OF ANALYSISRef No: PL/SM/R/473/2025 Date of Issue: 23/01/2025Client: M/s Met – Rolla Steels Ltd., Paipra, Muvattupuzha, Ernakulam Dist.Test Certificate No. : 473/2025 Date of Monitoring: 17/01/2025Description of Sample: Furnace - 01 Stack Emission

Parameters	Results
Temperature of Emission	125 ⁰ C
Velocity of Emission	5.26 m/sec
Volume of Emission	8506 Nm ³ /hr
Particulate Matter	44 mg/ Nm ³
Sulphur Dioxide	55 mg/ NM ³
Oxides of Nitrogen	17.7 mg/ NM ³
Carbon Monoxide	37 mg/ NM ³

For Poluchem Laboratories (P) Ltd.

Reviewed & Authorized by

GREEJA RAMESH
QUALITY MANAGER
POLUCHEM LABORATORIES PVT. LTD.

ANALYSIS OF AMBIENT AIR, STACK EMISSION, SOUND, LIGHT, WATER, EFFLUENT, SOIL, SPICES, FOOD, TEA, OIL, FERTILISERS, BASIC CHEMICALS, PESTICIDE RESIDUES, HEAVY METALS, COAL AND MICROBIOLOGY

Stack emission of Furnace

Annexure No.7

**POLUCHEM LABORATORIES PVT LTD**

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ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

CERTIFICATE OF ANALYSISRef No: PL/SM/RT/474/2025 Date of Issue: 23/01/2025Client: M/s Met – Rolla Steels Ltd., Paipra, Muvattupuzha, Ernakulam Dist.Test Certificate No: 474/2025 Date of Monitoring: 17/01/2025Description of Sample: Re – Rolling Mill - 02 Stack Emission

Parameters	Results
Temperature of Emission	134 °C
Velocity of Emission	3.20 m/sec
Volume of Emission	798 Nm ³ /hr
Particulate Matter	34 mg/ Nm ³
Sulphur Dioxide	62 mg/ Nm ³
Oxides of Nitrogen	18.9 mg/ NM ³
Carbon Monoxide	37 mg/ NM ³

For Poluchem Laboratories (P) Ltd.

Reviewed & Authorized by

SREEJA RAMESH
QUALITY MANAGER
POLUCHEM LABORATORIES PVT LTDANALYSIS OF AMBIENT AIR, STACK EMISSION, SOUND, LIGHT, WATER, EFFLUENT, SOIL, SPICES, FOOD, TEA, OIL,
FERTILISERS, BASIC CHEMICALS, PESTICIDE RESIDUES, HEAVY METALS, COAL AND MICROBIOLOGY

Stack emission of Rolling mill

Annexure No.8



GLOBAL[®]
LABS & CONSULTANTS

(A DIVISION OF PERIYAR BIOTECH (P) LTD)

AN ISO9001:2015 & 14001: 2015 CERTIFIED COMPANY

Approved by Kerala State Pollution Control Board

REPORT ON ANALYSIS OF WASTE WATER

1.Source of Sample: STP Filter Out			2.Ref.No: GLC/E/41207986		
3.Sample Collected by: Global services			4.Date of Collection: 05.12.2024		
5.Period of Analysis: 06.12.2024-09.12.2024			6.Prepared on: 10.12.2024		
7. Client Address: METROLLA STEELS, MUVATTUPUZHA.					
Sl. No	PARAMETERS	Unit	Method	KSPCB LIMIT	ACTUAL CONTENTS
1	pH	--	IS:3025(Pt.11)1983	5.5-9.0	6.56
2	Total Dissolved Solids	mg/l	IS:3025(Pt.16)1984	2100	208
3	Total Suspended Solids	mg/l	IS:3025(Pt.17)1984	100	05
4	BOD 3 days at 27°C	mg/l	IS:3025(Pt.44)1993	30	14.8
5	COD	mg/l	IS:3025(Pt.58)2006	250	62.2
6	Oil and Grease	mg/l	IS:3025(Pt.39)1991	10	02

Remarks: All parameters are within the limit of KSPCB Standard.



CHEMIST

Raigya

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GLOBAL[®]
LABS & CONSULTANTS

(A DIVISION OF PERIYAR BIOTECH (P) LTD)

AN ISO9001:2015 & 14001: 2015 CERTIFIED COMPANY

Approved by Kerala State Pollution Control Board

REPORT ON ANALYSIS OF WASTE WATER

1.Source of Sample: STP Filter Out			2.Ref.No: GLC/E/50228163		
3.Sample Collected by: Global services			4.Date of Collection: 27.02.2025		
5.Period of Analysis: 28.02.2025-03.03.2025			6.Prepared on: 04.03.2025		
7. Client Address: METROLLA STEELS, MUVATTUPUZZHA.					
Sl. No	PARAMETERS	Unit	Method	KSPCB LIMIT	ACTUAL CONTENTS
1	pH	--	IS:3025(Pt.11)1983	5.5-9.0	6.95
2	Total Dissolved Solids	mg/l	IS:3025(Pt.16)1984	2100	296
3	Total Suspended Solids	mg/l	IS:3025(Pt.17)1984	100	10.5
4	BOD 3 days at 27°C	mg/l	IS:3025(Pt.44)1993	30	11.2
5	COD	mg/l	IS:3025(Pt.58)2006	250	55.4
6	Oil and Grease	mg/l	IS:3025(Pt.39)1991	10	2.5

Remarks: All parameters are within the limit of KSPCB Standard



CHEMIST

Rajin

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Monitored result of treated water from STP

Annexure No.9

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ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

CERTIFICATE OF ANALYSISRef No: PL/SL/RT/475/2025 Date of Issue: 23/01/2025Client: M/s Met – Rolla Steels Ltd., Paipra, Muvattupuzha, Ernakulam Dist.Test Certificate No. : 475/2025 Date of Monitoring: 17/01/2025Monitoring No: 01Ambient Sound Level during day time (6AM-6PM) at
1 M away from the boundary near front gate : 53.1 dB (A)Monitoring No: 02Ambient Sound Level during Night time (6PM-6AM) at
1 M away from the boundary near front gate : 42.9 dB (A)

For Poluchem Laboratories (P) Ltd.

Reviewed & Authorized by

SREEJA RAMESH
QUALITY MANAGER
POLUCHEM LABORATORIES PVT LTDANALYSIS OF AMBIENT AIR, STACK EMISSION, SOUND, LIGHT, WATER, EFFLUENT, SOIL, SPICES, FOOD, TEA, OIL,
FERTILISERS, BASIC CHEMICALS, PESTICIDE RESIDUES, HEAVY METALS, COAL AND MICROBIOLOGY**Monitoring result of Noise**

PLATE

Plate No. 1



Occupational Health Check

Plate No.2.



Sprinklers installed in the project site