

M/S. METAROLLS ISPAT PVT. LTD.

SIX MONTHLY POST ENVIRONMENTAL CLEARANCE

COMPLIANCE REPORT

Period of Compliance Reporting:

OCTOBER TO MARCH 2025



Submitted By:

M/s. Metarolls Ispat Pvt. Ltd.

Gut No.48, Adjacent to MIDC PHASE-II, Daregaon, Jalna.



THE POWER OF STEEL

Ref. No.:

Date: 08/05/2025

To,

The Regional Officer,

Ministry of Environment, Forest & Climate Change,

Regional Office (WCZ), Ground Floor, East Wing,

New Secretariat Building, Civil Lines,

Nagpur, Maharashtra - 440001

Subject: Submission of Six Monthly Environmental Clearance Compliance for October 2024 to March 2025. M/s. Metarolls Ispat Pvt. Ltd. Gut No.48, Adjacent to MIDC PHASE-II, Daregaon, Jalna.

Ref. No.: Your issued EC: SEAC 2011/CR- 683/TC2 Dated: 30th Sep 2014

Period of EC Compliance: October 2024 to March 2025

Dear Sir,

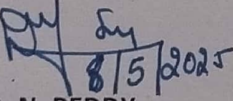
With reference to subject matter above, we are submitting Compliance for obtained Environmental Clearance from State Environment Impact Assessment Authority (SEIAA), Maharashtra to our Project **M/s. Metarolls Ispat Pvt. Ltd. Gut No.48, Adjacent to MIDC PHASE-II, Daregaon, Jalna**. We have received Environmental Clearance from SEIAA, Govt. of Maharashtra, MoEF & CC, New Delhi vide ref. no.: **SEAC 2011/CR- 683/TC2 Dated: 30th Sep 2014**. We are submitting the EC Compliance for the period of **October 2024 to March 2025** for your reference & further needful record.

Request you to kindly acknowledge the same.

Submitted for your kind perusal.

Yours Faithfully,

For M/s. Metarolls Ispat Pvt. Ltd.


8/5/2025

Mr. D. N. REDDY

GM

Enclosure: EC Compliance with its Annexure

Copy to:

1. The Sub Regional Officer, MPCB, Jalna.

2. SEIAA, Mumbai, Maharashtra.

3. RO MPCB, Aurangabad.

Metarolls Ispat Private Limited

[CIN No.: U27101MH2002PTC135427]

Registered Office & Manufacturing Unit

Gut no. 48 Adjacent to M.I.D.C. Phase 2, Daregaon, Jalna-431 213 (MH) INDIA, ☎ +91 91122 20033, 77750 57057

E-mail: info@metarolls.com, enquiry@threadedrebars.com, Web-site : www.metarolls.com, www.threadedrebars.com



Scanned with OKEN Scanner



Danish Envis <danish1017@gmail.com>

Submission of Six Monthly Environmental Clearance Compliance for October 2024 to March 2025. M/s. Metarolls Ispat Pvt. Ltd. Gut No.48, Adjacent to MIDC PHASE-II, Daregaon, Jalna.

D N Reddy <dnreddy@metarolls.com>
To: ecompliance-mh@gov.in, psec.env@maharashtra.gov.in
Cc: SRO Jalna <srojalna@mpcb.gov.in>
Bcc: danish1017@gmail.com

Fri, May 16, 2025 at 2:51 PM

To,
The Regional Officer,
Ministry of Environment, Forest & Climate Change,
Regional Office (WCZ), Ground Floor, East Wing,
New Secretariat Building, Civil Lines,
Nagpur, Maharashtra - 440001

Subject: Submission of Six-Monthly Environmental Clearance Compliance for October 2024 to March 2025. M/s. Metarolls Ispat Pvt. Ltd. Gut No.48, Adjacent to MIDC PHASE-II, Daregaon, Jalna.

Ref: Your issued EC: SEAC 2011/CR- 683/TC2 Dated: 30th Sep 2014
Period of EC Compliance: October 2024 to March 2025.

Dear Sir,

With reference to the subject matter above, we are submitting Compliance for the obtained Environmental Clearance from the State Environment Impact Assessment Authority (SEIAA), Maharashtra, to our Project **M/s. Metarolls Ispat Pvt. Ltd. Gut No.48, Adjacent to MIDC PHASE-II, Daregaon, Jalna.** We have received Environmental Clearance from SEIAA, Govt. of Maharashtra, MoEF & CC, New Delhi vide ref. no.: **SEAC 2011/CR- 683/TC2 Dated: 30th Sep 2014.** We are submitting the EC Compliance for the period of **October 2024 to March 2025** for your reference & further needful record.

Request you to kindly acknowledge the same.

Submitted for your kind perusal.

Yours Faithfully,

For M/s. Metarolls Ispat Pvt. Ltd.

D. N. REDDY

GM

D Nagi Reddy
General Manager

+91 7558612544 dnreddy@metarolls.com
www.metarolls.com / www.threadedrebars.com

Gut No. 48, Adjacent to M.I.D.C., Phase II, Daregaon,
Jalna - 431213 (MH) India.



Metarolls Ispat Private Limited

CIN No : U27101MH2002PTC135427



SIX MONTHLY POST EC COMPLIANCE REPORT FOR JUNE - 2025.pdf

22633K

Your (Half Yearly Compliance Report) has been Submitted with following details

Proposal No	SEAC 2011/CR- 683/TC2
Compliance ID	121860186
Compliance Number(For Tracking)	EC/M/COMPLIANCE/121860186/2025
Reporting Year	2025
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	12-05-2025
RO/SRO Name	Shri Senthil Kumar Sampath
RO/SRO Email	agmu156@ifs.nic.in
State	MAHARASHTRA
RO/SRO Office Address	Integrated Regional Offices, Nagpur

Note:- SMS and E-Mail has been sent to Shri Senthil Kumar Sampath, MAHARASHTRA with Notification to Project Proponent.

**Half Yearly Compliance Report
2025
01 Jun(01 Oct - 31 Mar)**

Acknowledgement

Proposal Name	Proposed Project for the Manufacture of TMT Bars 13200 TPM and New Unit of Rolling Mill of 13200 TPM at Gut No. 48, Village: Daregaon, Tal. & District: Jalna, Maharashtra		
Name of Entity / Corporate Office	DB Soni,		
Village(s)	N/A		
District	JALNA		
Proposal No.	SEAC 2011/CR-683/TC2	Category	Industrial Projects - 1
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	MAHARASHTRA	Entity's PAN	*****3474C
MoEF File No.	SEAC 2011/CR-683/TC2	Entity name as per PAN	METAROLLS ISPAT PRIVATE LIMITED

Compliance Reporting Details

Reporting Year	2025
Remarks (if any)	Submission of Six Monthly Environmental Clearance Compliance for October to March 2025. M/s. Metarolls Ispat Pvt. Ltd. Gut No.48, Adjacent to MIDC PHASE-II, Daregaon, Jalna. Ref. No.: Your issued EC: SEAC 2011/CR- 683/TC2 Dated: 30th Sep 2014
Reporting Period	01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office	DB Soni,	
	Project Area as per EC Granted	Actual Project Area in Possession
Private	7.81043	7.81043
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	7.81043	7.81043

Production Capacity						
Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	MS BILLETS	Others:MT/A	30/06/2028	158400	157978.810	158400
2	TMT Bars(Rolling Mills)	Others:MT/A	30/06/2028	158400	155435.358	158400
Conditions						
General Conditions						
Sr.No.	Condition Type	Condition Details				
1	Statutory compliance	Separate funds shall be allocated for implementation of environmental protection measures/ EMP along with item wise breaks up these cost shall be included as part of the project cost.				
PPs Submission: Complied Noted and complied. A dedicated budget is allocated specifically for the implementation of environmental protection measures and the Environmental Management Plan (EMP). An item-wise breakup of these costs is prepared and incorporated into the overall project cost.						Date: 10/05/2025
2	Statutory compliance	No additional land shall be used / acquired for any activity of the project without obtaining proper permission.				
PPs Submission: Agreed to Comply Noted. "We have sufficient space to conduct our industrial operations and currently do not require any additional land. However, should we choose to expand in the future, we will ensure to obtain the appropriate approvals beforehand."						Date: 10/05/2025
3	Statutory compliance	This environmental clearance is issued subject to obtaining NOC from forestry & wild life angel including clearance from the standing committee of the national Board for Wild life as if applicable & this environmental clearance does not necessarily imply that forestry & Wild life clearance granted to the project which will be considered separately.				
PPs Submission: Agreed to Comply Noted and agreed. "The industrial facility is situated next to land owned by the Maharashtra Industrial Development Corporation (MIDC). The location does not fall within any designated forest area or wildlife zone. As a result, obtaining a No Objection Certificate (NOC) from the Forest or Wildlife Department is not required for our operations."						Date: 10/05/2025
4	AIR QUALITY MONITORING AND PRESERVATION	For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distance in vulnerable areas of the plant shall be used.				
PPs Submission: Agreed to Comply Noted and complying with. "In order to minimize fugitive emissions, the factory is equipped with a comprehensive set of dust control measures, including de-dusting systems, dust suppression units, dust collectors, and efficient collection systems. Additionally, water is routinely sprayed on both the entrance roads and internal roadways within the project site to further control dust dispersion.						Date: 10/05/2025
5	Statutory compliance	PP has to abide the conditions stipulated by SEAC & SEIAA.				

PPs Submission: Agreed to Comply Noted and agreed.		Date: 10/05/2025
6	AIR QUALITY MONITORING AND PRESERVATION	Regular monitoring of the air quality, including SPM & SO2 levels both in work zone and ambient air shall be carried out in and around the power plant records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.
PPs Submission: Agreed to Comply Noted and complying with. Within a 10-kilometer radius of the project site, we regularly monitor the ambient air and work zone for the following parameters: NOx, PM2.5, PM10, and SO2. The monitoring results are well within the MoEF and CC-permitted level. Regular reports on EC Compliance and monitoring results are forwarded to the MoEF and CC and the MPCB Sub Regional Office.		Date: 10/05/2025
7	Risk Mitigation and Disaster Management	Necessary arrangements shall be made for adequate safety and ventilation arrangement in furnace area.
PPs Submission: Agreed to Comply Noted and complying with. The office and furnace areas are equipped with a fire extinguisher and a full firefighting system. There is adequate ventilation in the furnace region to prevent any air build-up.		Date: 10/05/2025
8	Human Health Environment	A proper Housekeeping program shall be implemented.
PPs Submission: Being Complied Noted and being complied. A specialized team of housekeeping professionals has been assigned to maintain cleanliness and organization at the project site. Their primary role is to ensure the area stays clear, free of clutter, and well-ordered. The efficient and smooth operation of the project relies heavily on their continuous efforts to uphold a tidy and organized environment.		Date: 10/05/2025
9	MISCELLANEOUS	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
PPs Submission: Agreed to Comply Noted and agreed to comply. If any of the unit's pollution control systems fail, the operational process will shut down immediately and will not restart until the required efficiency is met.		Date: 10/05/2025
10	AIR QUALITY MONITORING AND PRESERVATION	Stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable)
PPs Submission: Complied Noted and complied. The proper stack height has been provided in compliance with CPCB rules, and DG set stacks have an acoustic enclosure to reduce noise production.		Date: 10/05/2025
11	WATER QUALITY MONITORING AND PRESERVATION	A detailed scheme for rainwater harvesting shall be prepared and implement to recharge ground water.
PPs Submission: Agreed to Comply Noted and complying with. Rainwater collection systems have been implemented to facilitate groundwater recharge, while stormwater drains are designed to channel rainwater from various sources into a central reservoir. This reservoir is capable of storing significant volumes of monsoon rain. By capturing and utilizing this rainwater, the dependency on fresh water for plant operations is		Date: 10/05/2025

significantly reduced, promoting sustainable water management and conservation efforts.		
12	WATER QUALITY MONITORING AND PRESERVATION	Arrangement shall be made that effluent and storm water does not get mixed.
PPs Submission: Agreed to Comply Noted and complying with. Separate drainage systems have been provided for stormwater and domestic wastewater to prevent any cross-contamination. The operational process does not produce any effluent, as water is used solely for cooling purposes. This cooling water is allowed to settle and is then recirculated within the system, promoting efficient reuse and minimizing water wastage.		Date: 10/05/2025
13	Noise Monitoring & Prevention	Noise level shall be maintained as per standards. For people working in the high noise area. Requisite personal protective equipment like earplugs etc. shall be provided.
PPs Submission: Agreed to Comply Note and complying with. We are committed to maintaining noise levels within the prescribed limits as per regulatory standards. For personnel working in high-noise areas, appropriate personal protective equipment (PPE), such as earplugs or earmuffs, are provided to ensure their safety and comfort. Regular monitoring and training are conducted to ensure compliance and raise awareness about occupational noise protection.		Date: 10/05/2025
14	Statutory compliance	The overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise level shall be confirm to the standards prescribe under Environment (protection) Act 1986 Rules, 1989.
PPs Submission: Agreed to Comply Noted and complying with. All necessary noise control measures, such as acoustic hoods, silencers, and enclosures, are installed on equipment and machinery that generate noise. To reduce friction, the machinery is regularly oiled, lubricated, and maintained. Every time, the measured noise levels are lower than what is acceptable. We will strictly adhere to the ambient noise limits as outlined under the Environment (Protection) Act, 1986 and the Rules of 1989, with regular monitoring in place to ensure ongoing compliance.		Date: 10/05/2025
15	GREENBELT	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consulation with the local DFO/ Agriculture Dept.
PPs Submission: Complied Noted and complied. We have undertaken a comprehensive tree plantation initiative in line with the prescribed guidelines. To promote ecological sustainability and enhance biodiversity, native and indigenous tree species such as Karanj (Pongamia pinnata), Peepal (Ficus religiosa), Neem (Azadirachta indica), Jamun (Syzygium cumini), along with other regionally suitable species, have been planted. This afforestation activity follows the principles of the Miyawaki dense forest model, which emphasizes the rapid development of multilayered, self-sustaining green cover using a mix of native species.		Date: 10/05/2025
16	Risk Mitigation and Disaster Management	Adequate safety measures shall be provided to limits the risk zone within the plant boundary, in case of an accident. Smoke and heat detection device shall also be installed at strategic places for early detection and warning.
PPs Submission: Agreed to Comply Noted and complying with. We have effectively minimized the risk-prone areas within the plant premises by implementing comprehensive safety measures in accordance with standard industrial		Date: 10/05/2025

<p>practices. To ensure preparedness in the unlikely event of a fire or related emergency, we conduct regular training sessions and mock drills for all personnel. These drills are carried out across both office buildings and operational zones, including the furnace area, to ensure a high level of readiness. Furthermore, the facility is equipped with robust firefighting infrastructure, including strategically placed fire extinguishers, alarms, and suppression systems. These systems are regularly inspected and maintained to ensure they remain in optimal working condition. Through this proactive approach, we aim to enhance the overall safety culture within the plant and ensure that all employees are well-trained and capable of responding effectively to emergency situations.</p>			
17	Statutory compliance	Occupational health surveillance of the workers shall be done regular basis and record maintained as per Factories Act.	
<p>PPs Submission: Agreed to Comply Noted and complying with. To maintain optimal hygienic conditions within the plant premises, a dedicated department focused on safety and environmental management has been established. This department is responsible for implementing and overseeing cleanliness, health, and safety protocols. Additionally, regular health check-ups and inspections are conducted for all workers to ensure their well-being and to promptly address any health-related concerns.</p>			Date: 10/05/2025
18	Risk Mitigation and Disaster Management	The company shall make the arrangement for Protection of possible fire hazards during manufacturing process in material handling.	
<p>PPs Submission: Complied Noted and complied. Fire hydrants and firefighting apparatus have been installed to avoid any fire threats during manufacturing and material handling. Employees receive frequent safety training from us as well, which keeps them up to date on the latest developments in safety precautions.</p>			Date: 10/05/2025
19	Statutory compliance	The project authorities must strictly comply with the rules and regulation with regard to the handling and disposal of hazardous wastes in accordance with the hazardous waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collection /treatments / storage / disposal of hazardous waste.	
<p>PPs Submission: Agreed to Comply Noted and agreed to comply. Agreed to comply in accordance with the hazardous waste (Management and Handling) Rules, 2003 (amended).</p>			Date: 10/05/2025
20	WASTE MANAGEMENT	The company shall undertake following waste minimization measures. • Metering of quantities of active ingredients to minimize waste. • Reuse of by products from the process as raw materials or as raw material substitutes in other process. • Maximizing Recoveries. • Use of automated material transfer system to minimize spillage.	
<p>PPs Submission: Partially Complied Noted and complying with. These materials are carefully selected to ensure optimal output and minimal residual waste. The scrap is then processed using advanced shredding equipment, which breaks it down into fine, uniformly sized pieces. This not only enhances the efficiency of subsequent processing stages but also significantly reduces material loss and overall waste. Noted and complying with. Our manufacturing process results in the generation of slag as a byproduct. A portion of the slag is processed and utilized as a substitute for sand in various construction activities, contributing to the conservation of natural sand resources. The remaining slag is further crushed and used in the production of eco-friendly bricks. This not only supports waste reduction but also aligns with green building practices by providing a durable and sustainable alternative to conventional construction materials. Noted and complying with. Noted and complied. We have implemented an advanced automated scrap collection system designed to streamline material handling and enhance operational efficiency. This system utilizes high-powered industrial magnets to collect ferrous scrap material generated during the manufacturing process. Once collected, the scrap is automatically conveyed and fed directly into the furnace without the need for manual intervention. This automation not only improves overall productivity by ensuring a continuous and consistent feed to</p>			Date: 10/05/2025

		the furnace but also enhances workplace safety by minimizing human exposure to potentially hazardous environments.	
21	Risk Mitigation and Disaster Management	Regular mock drills for the onsite emergency management plan shall be carried. Out Implementation of changes / improvements required, if any, in the onsite management plan shall be ensured.	
PPs Submission: Complied Noted and complied. Regular safety training sessions and mock emergency drills are integral components of our emergency management strategy at the operational site. These activities are conducted to ensure that all personnel are well-prepared to respond effectively in the event of an emergency. To further support immediate response efforts, fully equipped first aid facilities are available on-site, enabling prompt medical attention if required. This comprehensive approach helps reinforce a culture of safety and preparedness throughout the project area.			Date: 10/05/2025
22	Risk Mitigation and Disaster Management	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	
PPs Submission: Complied Noted and complied. A team of five experienced professionals, including a Safety Officer and an EHS Manager, has been assigned. To handle all environmental and safety concerns, we have established a fully operational environment management cell.			Date: 10/05/2025
23	MISCELLANEOUS	Transportation of ash will be through closed containers and all measures should be taken prevent spelling of the ash.	
PPs Submission: Agreed to Comply Noted and complying with. The transportation of ash is carried out using sealed, closed containers to prevent any leakage or spillage during transit. Additionally, all necessary precautions are implemented, including secure loading, regular inspection of containers, and adherence to handling protocols, to ensure safe and environmentally responsible transportation of ash materials.			Date: 10/05/2025
24	WASTE MANAGEMENT	Separate silos will be provided for collection and strong bottom ash and fly ash.	
PPs Submission: Agreed to Comply Complying with.			Date: 10/05/2025
25	Statutory compliance	The funds earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure should to the MPCB & this department.	
PPs Submission: Complied Noted and complied. We assure you that the funds designated for environmental protection measures will be strictly used for their intended purpose and will not be redirected for any other use.			Date: 10/05/2025
26	Statutory compliance	The project management shall advertise at least In two local newspapers widely circulated in the region around the project on of which shall be in Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance letter are available with the Maharashtra pollution control Board and may also be seen at website at http://ec.maharashtra.gov.in	
PPs Submission: Complied Complied. A copy of the advertising, which was published in two widely read local newspapers in the area in both Marathi and English, is enclosed as annexure.			Date: 10/05/2025

27	Statutory compliance	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and condition in hard & soft copies to the MPCB & this department, on 1st June & 1st DEC of each calendar year.
PPs Submission: Agreed to Comply Complying with it. We adhere to the conditions of the prior environmental clearance and submit six-monthly compliance reports to the MPCB and the MoEF and CC Regional Office in a timely manner.		Date: 10/05/2025
28	Statutory compliance	A copy of the clearance letter shall be sent by proponent to the concerned municipal corporation and the local NGO, if any, from whom suggestions/representations, if any were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.
PPs Submission: Complied Complied. The clearance copy has been sent to the local non-governmental organization and the municipal corporation, and is available on the industry website.		Date: 10/05/2025
29	Statutory compliance	The proponent shall 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 simultaneously be sent to the Regional office of MOEF, the respective zonal office of CPB and SPCB. The criteria pollutant levels namely, SPM.RSPM.SO ₂ , NO _x (ambient levels as well stack emissions) or critical sectorial parameters ,indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
PPs Submission: Complied Noted and complied. The clearance copy is accessible on the industry website and has been forwarded to the local non-governmental organization and municipal corporation.		Date: 10/05/2025
30	Statutory compliance	Six Monthly monitoring reports should be submitted to the regional office MOEF, Bhopal with copy to this department and MPCB.
PPs Submission: Agreed to Comply Noted and complying with. We consistently submit monitoring reports according to the guidelines provided, along with our six-monthly compliance reports.		Date: 10/05/2025
31	Statutory compliance	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
PPs Submission: Complied Noted and complied. We consistently submit our six-monthly compliance reports to the Maharashtra Pollution Control Board (MPCB) and other pertinent regulatory authorities within the stipulated time frame.		Date: 10/05/2025
32	Statutory compliance	The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision of the Hon'ble court will be binding on the project proponent. Hence, this clearance does not give immunity to the project proponent in the case filed against him.
PPs Submission: Agreed to Comply Noted and agreed.		Date: 10/05/2025

Visit Remarks

Last Site Visit Report Date:

N/A

Additional Remarks:

Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.

Government of Maharashtra

SEAC 2011/CR- 683/TC2
Environment department
Room No. 217, 2nd floor,
Mantralaya Annex,
Mumbai- 400 032.
Dated: 30th September, 2014

To,
M/s. Meta Rolls & Commodities Pvt. Ltd.
Gat No.48, Daregaon, Tal. & Dist. Jalna

Subject: Environment clearance for proposed project for the manufacture of TMT Bars 500 TPD(150000MTPA) at Gat No.48, Daregaon, Tal. & Dist Jalna by M/s. Meta Rolls & Commodities Pvt. Ltd

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 77th meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 73rd meeting.

2. It is noted that the proposal is for grant of Environment Clearance for proposed project for the manufacture of TMT Bars 500 TPD(150000MTPA) at Gat No.48, Daregaon, Tal. & Distt. Jalna. SEAC-I considered the project under screening category 3(a), B1 of EIA Notification 2006.

Brief Information of the project submitted by Project Proponent is as:

Name of the Project	Proposed capacity expansion of manufacturing of M.S. Billets from 6600 TPM to 13200 TPM & new unit of Rolling mill of 13200 TPM
Project Proponent	M/s. Meta Rolls & Commodities Pvt. Ltd. (MRCPL), Gut no. 48, Adjacent to MIDC Phase II Daregaon, Dist. Jalna, Maharashtra
Consultant	M/s Pollution & Ecology Control Services
New Project / Expansion	Expansion
If expansion/ Diversification, whether environmental clearance has been obtained for existing project .	The letter of environmental clearance is issued vide letter no. SEAC 2010/CR.173/TC.2 Dated- 29/12/2010 for M.S ingot & Billets plant of capacity from 3300 TPM to 6500TPM.
Activity schedule	B – 3(a)
Area Details	Total plot Area (sq. m.): 19.3 Acres Built up Area (sq. m.): - App. 17500 Sq. Mtr.
Name of the Notified Industrial area / MIDC area	Additional MIDC Area, Jalna
TOR given by SEAC? (if yes then specify the	<ul style="list-style-type: none">• Yes• 62nd meeting of the SEAC held on 6th to 8th November, 2012

meeting)																
Estimated capital cost of the project: (including cost of land, building, plant and machinery separately)	Existing plant : Rs 1452 lacs. Proposed Investment: Rs 9852 lacs. Total after expansion: Rs.11394 lacs.															
Location details of the project:	1. Latitude - 19 ⁰ 50'36.69"N 2. Longitude - 75 ⁰ 50'32.23"E 3. Location- Adjacent to MIDC Phase II Daregaon, Jalna in Maharashtra 4. Elevation above Mean Sea Level (meters) – 534 m															
Distance from protected Areas /Critically Polluted areas/ Eco-sensitive areas	No critically polluted area, No National Parks/Wild life Sanctuary within 10 km radius.															
Raw materials (including process chemicals, catalysts, & additives).	<table><tr><th>Sr. No</th><th>Name of the Product</th><th>Raw Material</th><th>Requirement</th></tr><tr><td>1</td><td>M.S. Billets</td><td>M.S. Scrap & Sponge Iron</td><td>13860 TPM (After Expansion)</td></tr><tr><td>2</td><td>TMT Bars</td><td>M.S. Billet in molten stage</td><td>13200 TPM</td></tr></table>				Sr. No	Name of the Product	Raw Material	Requirement	1	M.S. Billets	M.S. Scrap & Sponge Iron	13860 TPM (After Expansion)	2	TMT Bars	M.S. Billet in molten stage	13200 TPM
Sr. No	Name of the Product	Raw Material	Requirement													
1	M.S. Billets	M.S. Scrap & Sponge Iron	13860 TPM (After Expansion)													
2	TMT Bars	M.S. Billet in molten stage	13200 TPM													
Production details	<table><tr><th>Name of the Product</th><th>Existing Capacity TPM</th><th>Proposed Capacity TPM</th><th>Total Capacity TPM</th></tr><tr><td>M.S. Billets</td><td>6600</td><td>6600</td><td>13200</td></tr><tr><td>TMT Bars</td><td>-</td><td>13200</td><td>13200</td></tr></table>				Name of the Product	Existing Capacity TPM	Proposed Capacity TPM	Total Capacity TPM	M.S. Billets	6600	6600	13200	TMT Bars	-	13200	13200
Name of the Product	Existing Capacity TPM	Proposed Capacity TPM	Total Capacity TPM													
M.S. Billets	6600	6600	13200													
TMT Bars	-	13200	13200													
Process details / manufacturing details	M.S. Billets Plant and Rolling mill. The copy of the EIA is enclosed as Annexure I															
Rain Water Harvesting (RWH)	<ul style="list-style-type: none">Level of the Ground water tableSize and no. of RWH tank (s) and QuantityLocation of RWH tank (s)Size, nos. of recharge pits and QuantityBudgetary allocation (Capital cost and O&M cost)															
Total Water Requirement	Total water requirement: <ul style="list-style-type: none">Fresh water (CMD): 200 m³/day & Source – Captive bore wellRecycled water (CMD): 90 m³/day Use of the water : Domestic use: 3 m ³ /day, Cooling purpose : 100 m ³ /day Gardening : 2 m ³ /day, Scrubber : 95 m ³ /day															
Storm water drainage	<ul style="list-style-type: none">Natural water drainage pattern - Quantity of storm waterSize of SWD															
Sewage generation and treatment	<ul style="list-style-type: none">Amount of sewage generation (CMD) - 2 m³/dayProposed treatment for the sewage – Sewage will be treated in septic tank followed by soak pitCapacity of the STP (CMD) (If applicable) - NA															
Solid waste Management:	<table><tr><th>Sr.</th><th>Source</th><th>Qty (TPM)</th><th>Composition</th></tr><tr><td>1.</td><td>Raw water</td><td>Nil</td><td></td></tr></table>				Sr.	Source	Qty (TPM)	Composition	1.	Raw water	Nil					
Sr.	Source	Qty (TPM)	Composition													
1.	Raw water	Nil														

		treatment plant					
	2	ETP		Nil			
	3.	Process		Existing quantity 330 TPM Proposed Quantity 330 TPM			
				Slag from Induction Furnace			
	<p>If waste (s) contains any hazardous/toxic substance/radioactive materials or heavy metals, provide quantity, disposal data and proposed precautionary measures.</p> <ul style="list-style-type: none">• What are the possibilities of recovery and recycling of wastes?• Possible users of Solid waste – Since the solid waste generated from induction furnace is non hazardous and non toxic in nature it can be use in hardening of working area, possibilities can be explore for its use in construction of internal village roads, and filling of stone quarry pits and brick maker.• Method of disposal of solid waste – Slag generated is crushed at site. Iron particles are separated by using magnetic separator. Crushed slag (Sand) is being used in hardening of working area and brick making.						
Stack Emission Details:	Plant Section & units	Stack No.	Height from ground level (m)	Internal Diameter (TOP) (m)	Emission Rate		Temp. of Exhaust Gases
					For SO ₂	For NO _x	
	Stack attached to Induction Furnace	1 st	30 m	1.6 m	-		50° C
Ambient Air Quality Data	Pollutant	Permissible Standard		Predicted Concentration (in µg/m ³)		Remarks	
	SPM	PM ₁₀ - 100 µg/m ³ , PM _{2.5} - 60 µg/m ³		PM ₁₀ - 30.1 to 52.1µg/m ³ . PM _{2.5} -10.6 to 15.7 µg/m ³		All parameters will be within limits after commissioning of the plant.	
	SO ₂	80 µg/m ³		SO ₂ - 7.2 to 12.7 µg/m ³			
	NO _x	80 µg/m ³		NO _x - 8.2 to 15.8 µg/m ³			
	CO	4 mg/m ³		-			
Energy	<p>Power supply:</p> <ul style="list-style-type: none">• Existing power requirement: 9000KVA, • Proposed power requirement: 20 MW <p>DG sets: Number and capacity DG sets to be used (existing and proposed) : 750 KVA</p>						
Green Belt Development	<ul style="list-style-type: none">• Green belt area (Sq. m.): 33% of total land• Number and species of trees to be planted - Approximately 1600 trees per Ha will be planted in consultation with the local Forest Department• Number, size, age and species of trees to be cut, trees to be transplanted						

Details of Pollution Control Systems:	Sr. No.		Existing pollution control system	Proposed to be installed
	i.	Air	Ventuary scrubber followed by stack of 30 mt height.	Ventuary scrubber followed by stack of 30 mt height.
	ii.	Water	Settling Tank	Settling Tank
	iii.	Noise	Ear muffs/ear plugs are provided to the workers, Acoustic laggings and silencers are provided in equipment	Ear muffs/ear plugs will be provided to the workers, Acoustic laggings and silencers will be provided in equipment
	iv)	Solid Waste	Slag Crusher	Slag Crusher
Environmental Management Plan Budgetary Allocation	Sr.No.		Recurring Cost per annum in Rs.	Capital cost in Rs.
	1.	Air Pollution Control	0.5 Cr.	2.5 Cr.
	2.	Water Pollution Control	0.05 Cr.	0.40 Cr.
	3.	Noise Pollution Control	-	-
	4.	Environment Monitoring and Management	0.03 Cr	0.05 Cr.
	5.	Reclamation borrow/mined area (If applicable)	-	-
	6.	Occupational Health		
	7.	Green Belt	0.07 Cr.	0.10 Cr
	8.	Solid waste management	0.1 Cr.	0.50 Cr.
	9.	Rain water harvesting	0.10 Cr.	0.80 Cr
	10	Environmental Study and devices	0.05 Cr	0.15 Cr.
	Total		Rs. 0.90 Cr.	Rs. 4.50 Crores
EIA Submitted (If yes then submit the salient features)	Period of data collected – November, December, January 2012-13 • Details of the primary data collection (i.e. location of the sample collection, number of visit, etc) • Details of the secondary data collection (i.e. Source and year of data) • Potential hazard and mitigation measures • Conclusion of the EIA study			
Public Hearing report (If public hearing conducted then submit the salient features)	• Date of the public hearing – 29/6/2013 • Name of the news paper in which the advertisement appeared (Please attach the copy) Daily Sakal , Daily Lokmat Times • Location of the public hearing- Project site Daregaon • Number of people attended the hearing			

	• Objection(s) / Suggestion(s) if any: Minutes of Public hearing is attached in EIA report.
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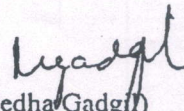
3. The proposal has been considered by SEIAA in its 73rd meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :

- (i) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- (ii) This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
- (iii) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
- (iv) PP has to abide by the conditions stipulated by SEAC & SEIAA.
- (v) Regular monitoring of the air quality, including SPM & SO₂ levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.
- (vi) Necessary arrangement shall be made for adequate safety and ventilation arrangement in furnace area.
- (vii) Proper Housekeeping programs shall be implemented.
- (viii) In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
- (ix) Stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)
- (x) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- (xi) Arrangement shall be made that effluent and storm water does not get mixed.
- (xii) Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.

- (xiii) The overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
- (xiv) Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- (xv) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Smoke and Heat detection devices shall also be installed at strategic places for early detection and warning.
- (xvi) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xvii) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- (xviii) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
- (xix) The company shall undertake following Waste Minimization Measures :
 - Metering of quantities of active ingredients to minimize waste.
 - Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
 - Maximizing Recoveries.
 - Use of automated material transfer system to minimize spillage.
- (xx) Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
- (xxi) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xxii) Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.
- (xxiii) Separate silos will be provided for collecting and storing bottom ash and fly ash.
- (xxiv) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost.
- (xxv) The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.

- (xxvi) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://ec.maharashtra.gov.in>
- (xxvii) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
- (xxviii) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- (xxix) The proponent shall 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 simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xxx) Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
- (xxxi) A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
- (xxxii) The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him.
4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
5. The Environment department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
6. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years to start of production operations.

7. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
9. Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
10. This Environment Clearance is issued for proposed project for the manufacture of TMT Bars 500 TPD(150000MTPA) at Gat No.48, Daregaon, Tal. & Dist Jalna by M/s. Meta Rolls & Commodities Pvt. Ltd


(Medha Gadgil)
Additional Chief Secretary,
Environment department &
MS, SEIAA

Copy to:

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.
2. Shri T. C. Benjamin, IAS (Retired), Chairman, SEAC-I, 602, PECAN, Marigold, Behind Gold Adlabs, Kalyani Nagar, Pune - 411014.
3. Additional Secretary, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
6. Regional Office, MPCB, Jalna
7. CEO, MIDC, Jalna

8. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.

9. Select file (TC-3)

(EC uploaded on 9/10/2014)

ENVIRONMENTAL CLEARANCE COMPLIANCE STATEMENT

Project Name: Proposed Project for the Manufacture of TMT Bars 13200 TPM and New Unit of Rolling Mill of 13200 TPM at Gut No. 48, Village: Daregaon,
Tal. & District: Jalna, Maharashtra

By

M/s. Meta Rolls & Commodities Pvt. Ltd.

Category of the Project: 3(a) Metallurgical industries (Ferrous & Non-Ferrous) B1

Ref. No.: SEAC 2011/CR – 683/TC2 Dated: 30th September 2014

EC Compliance Period: Oct to March 2025

S.No.	CONDITIONS	COMPLIANCE STATUS
I.	No additional land shall be used / acquired for any activity of the project without obtaining proper permission.	Noted. "We have sufficient space to conduct our industrial operations and currently do not require any additional land. However, should we choose to expand in the future, we will ensure to obtain the appropriate approvals beforehand."
II.	This environmental clearance is issued subject to obtaining NOC from forestry & wild life angel including clearance from the standing committee of the national Board for Wild life as if applicable & this environmental clearance does not necessarily imply that forestry & Wild life clearance granted to the project which will be considered separately.	Noted and agreed. "The industrial facility is situated next to land owned by the Maharashtra Industrial Development Corporation (MIDC). The location does not fall within any designated forest area or wildlife zone. As a result, obtaining a No Objection Certificate (NOC) from the Forest or Wildlife Department is not required for our operations."
III.	For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distance in vulnerable areas of the plant shall be used.	Noted and complying with. "In order to minimize fugitive emissions, the factory is equipped with a comprehensive set of dust control measures, including de-dusting systems, dust suppression units, dust collectors, and efficient collection systems. Additionally, water is routinely sprayed on both the entrance roads and internal roadways within the project site to further control dust dispersion."
IV.	PP has to abide the conditions stipulated by SEAC & SEIAA.	Noted & agreed.
V.	Regular monitoring of the air quality, including SPM & SO2 levels both in work zone and ambient air shall be carried out in and around the power plant records shall be maintained. The location of	Noted and complying with. Within a 10-kilometer radius of the project site, we regularly monitor the ambient air and work zone for the following parameters: NOx, PM2.5, PM10, and SO2. The

	monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.	monitoring results are well within the MoEF & CC-permitted level. Regular reports on EC Compliance and monitoring results are forwarded to the MoEF & CC and the MPCB Sub Regional Office.
VI.	Necessary arrangements shall be made for adequate safety and ventilation arrangement in furnace area.	Noted and complying with. The office and furnace areas are equipped with a fire extinguisher and a full firefighting system. There is adequate ventilation in the furnace region to prevent any air build-up.
VII.	A proper housekeeping program shall be implemented.	Noted and being complied. A specialized team of housekeeping professionals has been assigned to maintain cleanliness and organization at the project site. Their primary role is to ensure the area stays clear, free of clutter, and well-ordered. The efficient and smooth operation of the project relies heavily on their continuous efforts to uphold a tidy and organized environment.
VIII.	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	Noted and agreed to comply. If any of the unit's pollution control systems fail, the operational process will shut down immediately and will not restart until the required efficiency is met.
IX.	Stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable)	Noted and complied. The proper stack height has been provided in compliance with CPCB rules, and DG set stacks have an acoustic enclosure to reduce noise production.
X.	A detailed scheme for rainwater harvesting shall be prepared and implement to recharge ground water.	Noted and complying with. Rainwater collection systems have been implemented to facilitate groundwater recharge, while stormwater drains are designed to channel rainwater from various sources into a central reservoir. This reservoir is capable of storing significant volumes of monsoon rain. By capturing and utilizing this rainwater, the dependency on fresh water for plant operations is significantly reduced, promoting sustainable water management and conservation efforts.
XI.	Arrangement shall be made that effluent and storm	Noted and complying with.

	water does not get mixed.	Separate drainage systems have been provided for stormwater and domestic wastewater to prevent any cross-contamination. The operational process does not produce any effluent, as water is used solely for cooling purposes. This cooling water is allowed to settle and is then recirculated within the system, promoting efficient reuse and minimizing water wastage.
XII.	Noise level shall be maintained as per standards. For people working in the high noise area. Requisite personal protective equipment like earplugs etc. shall be provided.	Note and complying with. We are committed to maintaining noise levels within the prescribed limits as per regulatory standards. For personnel working in high-noise areas, appropriate personal protective equipment (PPE), such as earplugs or earmuffs, are provided to ensure their safety and comfort. Regular monitoring and training are conducted to ensure compliance and raise awareness about occupational noise protection.
XIII.	The overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise level shall be confirmed to the standards prescribed under Environment (Protection) Act 1986 Rules, 1989.	Noted and complying with. All necessary noise control measures, such as acoustic hoods, silencers, and enclosures, are installed on equipment and machinery that generate noise. To reduce friction, the machinery is regularly oiled, lubricated, and maintained. Every time, the measured noise levels are lower than what is acceptable. We will strictly adhere to the ambient noise limits as outlined under the Environment (Protection) Act, 1986 and the Rules of 1989, with regular monitoring in place to ensure ongoing compliance.
xiv.	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	Noted and complied. We have undertaken a comprehensive tree plantation initiative in line with the prescribed guidelines. To promote ecological sustainability and enhance biodiversity, native and indigenous tree species such as Karanj (<i>Pongamia pinnata</i>), Peepal (<i>Ficus religiosa</i>), Neem (<i>Azadirachta indica</i>), Jamun (<i>Syzygium cumini</i>), along with other regionally suitable species, have been planted. This afforestation activity follows the principles of the Miyawaki dense forest model, which emphasizes the rapid development of multilayered, self-sustaining green cover using a mix of native species.

xv.	Adequate safety measures shall be provided to limits the risk zone within the plant boundary, in case of an accident. Smoke and heat detection device shall also be installed at strategic places for early detection and warning.	<p>Noted and complying with.</p> <p>We have effectively minimized the risk-prone areas within the plant premises by implementing comprehensive safety measures in accordance with standard industrial practices. To ensure preparedness in the unlikely event of a fire or related emergency, we conduct regular training sessions and mock drills for all personnel. These drills are carried out across both office buildings and operational zones, including the furnace area, to ensure a high level of readiness. Furthermore, the facility is equipped with robust firefighting infrastructure, including strategically placed fire extinguishers, alarms, and suppression systems. These systems are regularly inspected and maintained to ensure they remain in optimal working condition. Through this proactive approach, we aim to enhance the overall safety culture within the plant and ensure that all employees are well-trained and capable of responding effectively to emergency situations.</p>
xvi.	Occupational health surveillance of the workers shall be done regular basis and record maintained as per Factories Act.	<p>Noted and complying with.</p> <p>To maintain optimal hygienic conditions within the plant premises, a dedicated department focused on safety and environmental management has been established. This department is responsible for implementing and overseeing cleanliness, health, and safety protocols. Additionally, regular health check-ups and inspections are conducted for all workers to ensure their well-being and to promptly address any health-related concerns.</p>
xvii.	The company shall make the arrangement for Protection of possible fire hazards during manufacturing process in material handling.	<p>Noted and complied.</p> <p>Fire hydrants and firefighting apparatus have been installed to avoid any fire threats during manufacturing and material handling. Employees receive frequent safety training from us as well, which keeps them up to date on the latest developments in safety precautions.</p>
xviii.	The project authorities must strictly comply with the rules and regulation with regard to the handling and disposal of hazardous wastes in accordance with	<p>Noted and agreed to comply.</p> <p>Agreed to comply in accordance with the hazardous waste (Management and Handling) Rules, 2003</p>

	the hazardous waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collection /treatments / storage / disposal of hazardous waste.	(amended).
xix.	The company shall undertake following waste minimization measures. Metering of quantities of active ingredients to minimize waste.	Noted and complying with. These materials are carefully selected to ensure optimal output and minimal residual waste. The scrap is then processed using advanced shredding equipment, which breaks it down into fine, uniformly sized pieces. This not only enhances the efficiency of subsequent processing stages but also significantly reduces material loss and overall waste.
	Reuse of by products from the process as raw materials or as raw material substitutes in other process.	Noted and complying with. Our manufacturing process results in the generation of slag as a byproduct. A portion of the slag is processed and utilized as a substitute for sand in various construction activities, contributing to the conservation of natural sand resources. The remaining slag is further crushed and used in the production of eco-friendly bricks. This not only supports waste reduction but also aligns with green building practices by providing a durable and sustainable alternative to conventional construction materials.
	Maximizing Recoveries.	Noted and complying with.
	Use of automated material transfer system to minimize spillage.	Noted and complied. We have implemented an advanced automated scrap collection system designed to streamline material handling and enhance operational efficiency. This system utilizes high-powered industrial magnets to collect ferrous scrap material generated during the manufacturing process. Once collected, the scrap is automatically conveyed and fed directly into the furnace without the need for manual intervention. This automation not only improves overall productivity by ensuring a continuous and consistent feed to the furnace but also enhances workplace safety by minimizing human exposure to potentially hazardous environments.
xx.	Regular mock drills for the onsite emergency	Noted and complied.

	management plan shall be carried. Out Implementation of changes / improvements required, if any, in the onsite management plan shall be ensured.	Regular safety training sessions and mock emergency drills are integral components of our emergency management strategy at the operational site. These activities are conducted to ensure that all personnel are well-prepared to respond effectively in the event of an emergency. To further support immediate response efforts, fully equipped first aid facilities are available on-site, enabling prompt medical attention if required. This comprehensive approach helps reinforce a culture of safety and preparedness throughout the project area.
xxi.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Noted and complied. A team of five experienced professionals, including a Safety Officer and an EHS Manager, has been assigned. To handle all environmental and safety concerns, we have established a fully operational environment management cell.
xxii.	Transportation of ash will be through closed containers and all measures should be taken prevent spelling of the ash.	Noted and complying with. The transportation of ash is carried out using sealed, closed containers to prevent any leakage or spillage during transit. Additionally, all necessary precautions are implemented, including secure loading, regular inspection of containers, and adherence to handling protocols, to ensure safe and environmentally responsible transportation of ash materials.
xxiii.	Separate silos will be provided for collection and strong bottom ash and fly ash.	Complying with.
xxiv.	Separate funds shall be allocated for implementation of environmental protection measures/ EMP along with item wise breaks up these cost shall be included as part of the project cost.	Noted and complied. A dedicated budget is allocated specifically for the implementation of environmental protection measures and the Environmental Management Plan (EMP). An item-wise breakup of these costs is prepared and incorporated into the overall project cost, copy of the same is enclosed as Annexure – I .
xxv.	The funds earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure should to the MPCB & this department.	Noted and complied. We assure you that the funds designated for environmental protection measures will be strictly used for their intended purpose and will not be redirected for

		any other use.
xxvi.	The project management shall advertise at least In two local newspapers widely circulated in the region around the project on of which shall be in Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance letter are available with the Maharashtra pollution control Board and may also be seen at website at http://ec.maharashtra.gov.in	Complied. A copy of the advertising, which was published in two widely read local newspapers in the area in both Marathi and English, is enclosed as Annexure - II .
xxvii.	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and condition in hard & soft copies to the MPCB & this department, on 1st June & 1st DEC of each calendar year.	Complying with it. We adhere to the conditions of the prior environmental clearance and submit six-monthly compliance reports to the MPCB and the MoEF&CC Regional Office in a timely manner.
xxviii.	A copy of the clearance letter shall be sent by proponent to the concerned municipal corporation and the local NGO, if any, from whom suggestions/representations, if any were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied. The clearance copy has been sent to the local non-governmental organization and the municipal corporation, and is available on the industry website.
xxix.	The proponent shall 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 simultaneously be sent to the Regional office of MOEF, the respective zonal office of CPB and SPCB. The criteria pollutant levels namely, SPM, RSPM, SO ₂ , NO _x (ambient levels as well stack emissions) or critical sectorial parameters ,indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Noted and complied. The clearance copy is accessible on the industry website and has been forwarded to the local non-governmental organization and municipal corporation.
xxx.	Six Monthly monitoring reports should be submitted to the regional office MOEF, Bhopal with copy to this department and MPCB.	Noted and complying with. We consistently submit monitoring reports according to the guidelines provided, along with our six-monthly

		compliance reports.
xxxi.	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	Noted and complied. We consistently submit our six-monthly compliance reports to the Maharashtra Pollution Control Board (MPCB) and other pertinent regulatory authorities within the stipulated time frame.
xxxii.	The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision of the Hon'ble court will be binding on the project proponent. Hence, this clearance does not give immunity to the project proponent in the case filed against him.	Noted and agreed.

ENVIRONMENTAL MANAGEMENT PLAN (EMP BUDGET)

S.No.	Particulars	Capital Cost (Rs.in Lacs)	Recurring Cost / Annum (Rs.in Lacs)
1	Air Emission Management		
	• Electro Static Precipitators (ESP) - DRI		
	• Fume Extraction system with bag filters	20.64	
	• Dust catcher followed by Venturi scrubber		4.04
	• other APCS & Conveyor systems		8.85
	• Stacks		
	• Mechanical Dust sweepers	8.79	
	• Water Sprinklers		
2	Wastewater Management		
	• for ETP	60.0	50.0
	• for STP		
	• for Garland drains		
	• for Settling ponds		
	•		
3	Solid waste Management		
	• Fly Ash Handling & disposal	17.92	
	• Slag Handling & Disposal	25.00	4.00
	• Hazardous waste storage & disposal		
	• Municipal solid waste storage & disposal		
4	Greenbelt development, Land scaping		9.20
5	Noise Management	20.00	
6	RWH in Plant (Rainwater harvesting)		
7	Fire Safety Systems	18.29	48.00
8	Environmental Monitoring		
	CEMS		
	CAAQMS		
	Environment Monitoring		2.80
	Performance monitoring of APCS		
9	Occupational Health & Safety		
	• Occupational Health Centre -Strengthening		4.90
	• Personal Protective Equipment's (PPEs)		11.85
	Greenbelt Development		
	Renewable Energy System (Solar system or Wind mill)		
	Development of RCC road network	50.00	
	Any other expenses in any.		



जाहीर प्रगटन
मेटा रोलस अँड कमोडीटीज प्रा.ली.
जालना या प्रगटनाद्वारे जाहीर सुचित
कर्तो की, पर्यावरण विभाग, महाराष्ट्र
राज्य यांनी आमच्या मेटा रोलस अँड
कमोडीटीजी प्रा.ली.च्या बिलेट
उत्पादनाच्या विस्तारीकरण प्रकल्प
क्षमता ५०० मेट्रीक टन प्रतिदिन गट क्र.
४८ औद्योगिक वसाहत जवळ, दरेगाव
जालनासाठी पर्यावरण मंजूरी दिली
आहे. जीचा क्र. SEA 2014/CR-
32/TC-2 दिनांक ३० ऑक्टोबर
२०१४ असून दिनांक ०७ ऑक्टोबर
२०१४ रोजी पर्यावरण विभागाच्या
सांकेतिक स्थळावर प्रकाशित केला
आहे. सदर पर्यावरण मंजूरीची प्रत
आमचे कार्यालय तसेच महाराष्ट्र प्रदुषण
नियंत्रण मंडळ यांच्या कार्यालयात
उपलब्ध आहे. संकेत स्थळ
ec.maharashtra.gov.in
मेटा रोलस अँड कमोडीटीज
प्रा.ली.जालना
(CIN No. U27101MH2002PTC135427)

SUNDAY 19 | OCTOBER 2014
AURANGABAD

Lokmat Times

www.epaper.lokmat.com/lokmattimes/

Public Notice

We, **M/S Meta Rolls & Commodities Pvt Ltd.** Hereby bring to the notice that Government of Maharashtra Environment Department has granted "ENVIRONMENTAL CLEARANCE" on Dated 30th September 2014, and subsequently uploaded on web site on dated 07/10/2014, file bearing number : SEAC-2014 / CR-32 / TC - 2 for our expansion project **M/s Meta Rolls & Commodities Pvt. Ltd.** with capacity of Billet 500 MTD, at Gut No.48, Adjacent to MIDC, Phase II, Daregaon, Jalna, District : Jalna (Maharashtra) The clearance letter is available with our office, Regional office M.P.C.B. Aurangabad & on the website of Govt. Maharashtra, Envi. Dept. (ec.maharashtra.gov.in)

**M/s Meta Rolls & Commodities
Pvt. Ltd.**

(CIN No.U27101MH2002PTC135427)

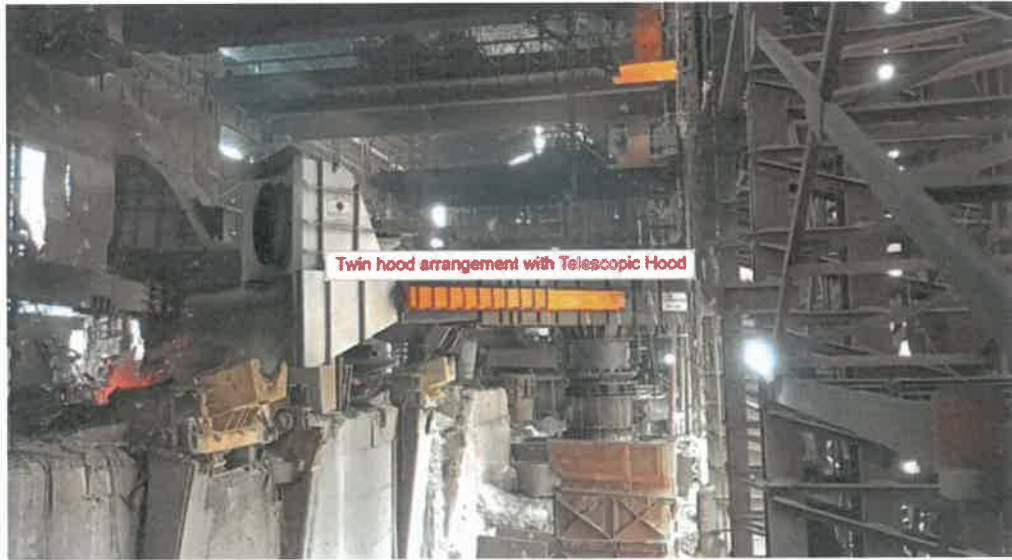
CSR EXPENDITURE SHEET

Master Sheet of CSR Expenditure

Sr. No.	FY	Date	Organisation Name	Amount Spent (Rs.)	Sector	Description	Location	Whether receipt received?	CSR certificate	Mode of implementation	Requested by	Contact Person	Photo	Cash Expenses if any (towards CSR)
1	2023-24	28 Aug.23	Vrudawan Gouseva Dham	90,000	for Go Seva - under Ensuring environmental sustainability		Local Area			Direct				
2	2023-24	31 aug.23	To Principal, Shri Shiv Chhatrapati College Junnar	100,000	Promoting education of Girl Child under the slogan of "Beti Bachao Beti Padhao" - Girls Scholarship		Local Area			Direct				
3	2023-24	07-Sep-23	To Direcotr Department Of Sainik Walfare	300,000	For Sainik Walfare Maharashtra State		Local Area			Direct				
4	2023-24	13-Nov-23	Kalavati Devi	10,000	Social Activity -v - Art and Culture (Diwali Festival gifting - Employee welfare)		Local Area			Direct				
5	2023-24	13-Nov-23	Geeta Devi	10,000			Local Area			Direct				
6	2023-24	13-Nov-23	Rinki Devi	10,000			Local Area			Direct				
7	2023-24	13-Nov-23	Harendra Chaurasiya	10,000			Local Area			Direct				
8	2023-24	13-Nov-23	Khushbu Kumari	10,000			Local Area			Direct				
9	2023-24	13-Nov-23	Poonam Kumari	10,000			Local Area			Direct				
10	2023-24	13-Nov-23	Lipsa Barik	10,000			Local Area			Direct				
11	2023-24	13-Nov-23	Sita Nivrutti Tayade	10,000			Local Area			Direct				
12	2023-24	14-Nov-23	Vedant Trading Corporation	32,332	Rural development projects		Local Area			Direct				
13	2023-24	30-Nov-23	Mahatma Phule Krushi Prati	63,000	Water Conservation Project x - Rural development projects		Local Area			Direct				
14	2023-24	30-Nov-23	Rishabh Grah Udyog	5,357	Social Activity -v - Art and Culture (Diwali Festival gifting)		Local Area			Direct				
15	2023-24	21-Dec-23	Appario Retail Pvt. Ltd. Hary	69,990	Promoting education of Children under the slogan of "School Chale Hum"		Local Area			Direct				
16	2023-24	07-Feb-24	Nathumal Vasudeo	53,918	Social Activity -v - Art and Culture		Local Area			Direct				
17	2023-24	27-Feb-24	Ajanta Offsets	49,973	Social Activity -v - Art and Culture - Maharashtra Veer		Local Area			Direct				
18	2023-24	27-Feb-24	Ajanta Offsets	48,545			Local Area			Direct				
19	2023-24	27-Feb-24	Ajanta Offsets	49,259			Local Area			Direct				
20	2023-24	27-Feb-24	Ajanta Offsets	48,974			Local Area			Direct				
21	2023-24	27-Feb-24	Ajanta Offsets	49,259			Local Area			Direct				
22	2023-24	27-Feb-24	Ajanta Offsets	48,545			Local Area			Direct				
23	2023-24	28-Feb-24	Technosoft Solutions	75,200	Promoting education of		Local Area			Direct				
24	2023-24	29-Feb-24	Technosoft Solutions	34,700	Children under the slogan of		Local Area			Direct				
25	2023-24	16-Mar-24	Kalashree Sangeet Madal,Pune	25,000	Social Activity -v - Art and Culture		Local Area			Direct				
26	2023-24	16-Mar-24	R.S.Sangh Jankalyan Samitee	100,000	Rural development projects		Local Area			Direct				
27	2023-24	16-Mar-24	Geeta Pariwar	21,000	Social Activity -v - Art and Culture		Local Area			Direct				
28	2023-24	28-Mar-24	Shri Sai Krida V Shikshan Sanstha Darwha	992,000	Promoting education of Children under the slogan of "School Chale Hum"		Local Area			Direct				
29	2023-24	28-Mar-24	Jivan Kala Mandal	51,000	Social Activity -v - Art and Culture		Local Area			Direct				

ALL PHOTOS OF POLLUTION SYSTEM

- Twin hood arrangement with Telescopic Hood



- Twin hood arrangement (Primary and Secondary)



- Dilution Air Damper



- Spark Arrester



- Bag House Filter



- Two ID Fans for suction of fumes



Enversys Greentek Solutions

FILE REFERENCE ID: MIPL/PO/215

Commissioning and Handover Report

CUSTOMER: Metarolls Ispat Private limited

ADDRESS: Jalana

LOCATION/ STATE: Maharashtra

DATE: 17-02-2021

COMMISSIONING AND HANDOVER DOCUMENT

The parties endorse this report by the process involved of each step for the Commissioning, Handover and Takeover Process, as part of the successful completion and Handover of the online Monitoring Systems.

1) SPMS for Stack Monitoring Systems (PM10 and PM 2.5) ATS 208 Extractive Sampling Multigas Analyser Systems (Fully Integrated System up to 6 Gases in A Single Compact Analyser Wide Measurment UP to 0-100 PPM to 0-10000 PPM)

2) Sox/Nox Analyser Calibration -Manual /Remote Calibration Display Type -320 X 264 Graphics High Quality LCD , Output Analog Outputs-Isolated Current Loops , One Per Gas 4-20MA , Communication : RS 232 or RS 485 Modbus Serial Digital Data Bus (2or 4 Wire) , Operating Temp. -40° to +50° C ; Power Supply -200 to 240 V Ac 50-60 Hz , Power Consumption -400W , PM Sensor Probe -316 Grade SS, Insulation PTFE

Project Engineer
NAME:Mr. Vitthal Sawant
DATE:17-02-2021

Customer-
NAME: Metarolls Ispat Private limited
DATE: 17-02-2021

To:

**Metarolls Ispat Private limited
Jalna Maharashtra.**

Sub: Handing over of online monitoring system

Dear Sir/ Madam,

Welcome to the team of Enversys. We are glad to be associated with you. It is hereby informed to you, for the successful completion of Installation, Testing and Commissioning of Online Monitoring system. This document shall bear the following entitled documents required for further validation for the Online monitoring System

ENCLOSED DOCUMENTS

1. Operations Manual
2. Warranty Letter

Thanking you and assuring of our best and prompt services.

Warm Regards,

Enversys Project Engineer

Customer



Date: 17-02-2021

Date

Installed Monitoring System



Display Unit for Online Monitoring System



Energy Meter & VFD Panel





STP



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000068426

Submitted Date

22-08-2024

PART A

Company Information

Company Name

M/S: METAROLLS ISPAT PRIVATE LIMITED

Application UAN number

MPCB-CONSENT-0000167264

Address

GUT NO. 48, VILL. DAREGAON, ADJACENT TO ADDL. MIDC, PHASE - II, DAREGAON, JALNA.

Plot no

GUT NO: 48

Taluka

JALNA

Village

DAREGAON, ADJACENT TO ADDL. MIDC JALNA

Capital Investment (In lakhs)

12852

Scale

L.S.I

City

JALNA

Pincode

431203

Person Name

DN REDDY

Designation

GM

Telephone Number

7558612544

Fax Number

00

Email

dnreddy@metarolls.com

Region

SRO-Jalna

Industry Category

ORANGE

Industry Type

O61 Rolling mill (oil or coal fired) and cold rolling mill

Last Environmental statement submitted online

yes

Consent Number

Format1.0/CC/UAN
No.MPCBCONSENT-0000167264/CR/2402000738

Consent Issue Date

2024-02-09

Consent Valid Upto

2028-06-30

Establishment Year

0

Date of last environment statement submitted

Sep 25 2023 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

MS BILLETS

Consent Quantity

158400

Actual Quantity

157978.810

UOM

MT/A

MS TMT BARS

158400

155435.358

MT/A

By-product Information

By Product Name

Consent Quantity

Actual Quantity

UOM

Part-B (Water & Raw Material Consumption)

<u>1) Water Consumption in m3/day</u>		
Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
	0.00	0.00
Cooling	185.00	169.00
Domestic	4.50	4.00
All others	5.00	5.00
Total	194.50	178.00

<u>2) Effluent Generation in CMD / MLD</u>			
Particulars	Consent Quantity	Actual Quantity	UOM
NA	00	00	CMD

<u>2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)</u>			
Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
MS BILLET	0.7	0.6	CMD
MS TMT BAR	0.5	0.4	CMD

<u>3) Raw Material Consumption (Consumption of raw material per unit of product)</u>			
Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
MS SCRAP, SPONGE IRON & OTHER MINERALS	165827.330	164731.033	MT/A
MS BILLETS	157943.780	157978.810	MT/A

<u>4) Fuel Consumption</u>			
Fuel Name	Consent quantity	Actual Quantity	UOM
ELECTRICITY	00	223540.016	Mwh

Part-C

<u>Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)</u>					
<u>[A] Water</u>					
Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
NA	00	00	00	00	00

<u>[B] Air (Stack)</u>					
Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
TOTAL PARTICULATE MATTER	00	45.3	00	100	Mg/Nm3
SO2	00	20.4	00	80	Mg/Nm3

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	00	00	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	00	00	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
SLAG	5754.208	4480.654	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
APC DUST	00	713.63	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	00	00	MT/A

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
0	00	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
SLAG	4480.654	MT/A	00
APC DUST	713.63	MT/A	00

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
0	0	0	0	0	0	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
APC SYSTEM	UPGRADATION IN APC SYSTEM, ENVIRONMENTAL COMPLIANCES	07

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
APC SYSTEM, GREEN BELT DEVELOPMENT	O & M APC SYSTEM AND ENVIRONMENTAL COMPLIANCES	05

Part-I

Any other particulars for improving the quality of the environment.

Particulars

INDUSTRY IS CONCERN WITH THE ENVIRONMENT, WE ARE REGULARLY UPDATING OUR POLLUTION CONTROL SYSTEM AS PER THE DIRECTION OF MPCB.

Name & Designation

D. N. REDDY (GM)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000068426

Submitted On:

22-08-2024



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Form 4

See rules 6(5),13(8),16(6) and 20(2) of Hazardous and other wastes 2016

FORM FOR FILING ANNUAL RETURNS

[To be submitted to state pollution control board/pollution control committee by 30th June of every year for the preceeding period April to march]

Unique Application Number:

MPCB-HW_ANNUAL_RETURN-0000048759

Submitted On:

28-06-2024

Industry Type :

Generator

Submitted for Year:

2024

1. Name of the generator/operator of facility

M/S: METAROLL ISPAT PVT LTD

Address of the unit/facility

GUT NO: 48, ADJACENT TO MIDC PHASE - II,
DAREGAON, JALNA

1b. Authorization Number

Format1.0/CC/UAN No.MPCBCONSENT-0000167264/CR/2402000738 Feb 9, 2024

**Date of validity
of consent**

Jun 30, 2028

2. Name of the authorised person

D N REDDY

Full address of authorised person

GUT NO: 48, ADJACENT TO MIDC PHASE - II,
DAREGAON, JALNA

Telephone

7558612544

Fax

00

Email

dnreddy@metarolls.com

3. Production during the year (product wise), wherever applicable

Product Type *	Product Name *	Consented Quantity	Actual Quantity	UOM
Iron & Steel	MS BILLETS	158400.0000	157978.810	MT/A
Iron & Steel	MS TMT BARS	158400.0000	155435.358	MT/A

PART A: To be filled by hazardous waste generators

1. Total Quantity of waste generated category wise

Type of hazardous waste	Wate Name	Consented Quantity	Quantity	UOM
	SLAG	6570.000	4480	MTA
Other Hazardous Waste	APC DUST	0.000	713.63	MTA
	MILL SCALE	0.000	2543.452	MTA

2. Quantity dispatched category wise.

Type of Waste	Quantity of waste	UOM	Dispatched to	Facility Name
	1596.726	MTA	0	SLAG IS USED FOR CONSTRUCTION PURPOSE
Other Hazardous Waste	713.63	MTA	Recycler or Actual user	APC DUST IS SALE TO AUTHORIZED RECYCLER
	2373.65	MTA	0	MILL SCALE IS SALE TO AUTHORIZED PARTY

3. Quantity Utilised in-house,If any

Type of Waste	Name of Waste	Quantity of Waste	UOM
	SLAG	1470.274	MTA

Other Hazardous Waste	APC DUST	00	MTA
	MILL SCALE	00	MTA

4. Quantity in storage at the end of the year

Type of Waste	Name of Waste	Quantity of Waste	UOM
	SLAG	1413	MTA
	APC DUST	00	MTA
	MILL SCALE	169.8	MTA

5. Quantity disposed in landfills as such and after treatment

Type	Quantity	UOM
Direct landfilling	NA	MTA
Landfill after treatment	NA	MTA

6. Quantity incinerated (if applicable)

	UOM
NA	MTA

Personal Details

Place	Date	Designation
JALNA	2024-06-28	GENRAL MANAGER

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I (O63)
No:- Format1.0/CC/UAN No.MPCB-
CONSENT-0000167264/CR/2402000738

Date: 09/02/2024

To,
M/s. Metarolls Ispat Pvt. Ltd.,
Gut No. 48, Adjacent to MIDC Phase - II, Daregaon,
Jalna.



Sub: Grant of amendment of existing Consent to Operate for validity of Consent period under Red category.

- Ref:**
1. Environmental Clearance granted by Environment Department GoM vide dtd. 30/09/2014.
 2. Earlier Consent to Operate granted by the Board vide no. CC/UAN No. 167264/CR/2307000406 dtd. 07.07.2023
 3. Minutes of 18th Consent Committee Meeting held on 19/10/2023.

Your application No.MPCB-CONSENT-0000167264 Dated 01.04.2023

For: Grant of Consent to Renewal under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 and Rule 18(7) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to renewal is granted for a period up to 30/06/2028**
2. **The capital investment of the project is Rs.128.52 Crs. (As per C.A Certificate submitted by industry CI of existing Consent is Rs. 74.6 Cr. + Additional / Increased CI Rs. 53.92 Cr.)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	MS BILLETS	158400	MT/A
2	MS TMT BARS	158400	MT/A

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	0.0	As per Schedule-I	Not Applicable

Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	4.2	As per Schedule-I	On land for gardening

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S1	Induction Furnace (28 T)	1	As per Schedule -II
2	S2	Induction Furnace (30 T)	1	As per Schedule -II
3	S3	DG Set of 1000 KVA	1	As per Schedule -II
4	S4	DG Set of 500 KVA	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	SLAG	18	MT/Day	Sale	used for hardening of internal road / working area/used as sand in construction.

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
NA					

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. The applicant shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
11. The applicant shall strictly comply with the conditions of Environmental Clearance granted by Environment Department GoM vide dtd. 30/9/2014.
12. This consent is issued pursuant to the decision of the 18th Consent Committee Meeting held on 19/10/2023.
13. The industry shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
14. The applicant shall not carry out any excess production or produce new products without obtaining Consent of the Board and without obtaining Environmental Clearance wherever it applicable.

15. This consent is issued with Overriding effect to earlier consent to operate granted by the Board vide No.CC/UAN No. 167264/CR/2307000406 dtd. 07.07.2023.
16. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	1285200.00	TXN2306002017	14/06/2023	Online Payment

There is no any balance fees with the Board.

Copy to:

1. Regional Officer, MPCB, Aurangabad and Sub-Regional Officer, MPCB, Jalna
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. SRO Jalna:- Directed to submit verification report regarding installation of bag filter after completion of schedule.



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] Generation - As per your application the treated effluent generation is Nil.
B] Treatment - NA
C] Disposal - NA
2. A] As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 4.2 CMD of sewage.
B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
1	Suspended Solids	Not to exceed	50
2	BOD 3 days 27°C	Not to exceed	30
3	COD	Not to exceed	100

- C] The treated sewage shall be reused / recycled for the maximum extent for secondary purpose & remaining shall be used on land for gardening purpose. In no case treated / untreated effluent shall find it's way out side the factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
 4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
 5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	185.00
2.	Domestic purpose	4.50
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	5.00

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S1	Induction Furnace (29 T)	Fume Extraction system followed by bag filter alongwith alternative secondary fume extraction system.	35.00	Electricity. 00 --NA--	-	TPM	100 Mg/Nm ³
S2	Induction Furnace (30 T)	Fume Extraction system followed by wet scrubber alongwith alternative secondary fume extraction system.	35.00	Electricity. 00 --NA--	-	TPM	100 Mg/Nm ³
S3	DG Set of 1000 KVA	Acoustic Enclosure	5.00	HSD 50 Lit/Day	1	SO2	1.0 Kg/Day
S4	DG Set of 500 KVA	Acoustic Enclosure	5.00	HSD 50 Lit/Day	1	SO2	1.0 Kg/Day

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III

Details of Bank Guarantees:

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Renewal of Consent to Operate	Rs. 10.0 Lakh	15 days.	Towards O & M of pollution control systems and compliance of Consent conditions.	Continuous.	31/12/2024.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				



SCHEDULE-IV

General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. The PP shall provide personal protection equipment as per norms of Factory Act
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

This certificate is digitally & electronically signed.

Neetal Laboratories And Environmental Services Pvt. Ltd.

Address : H.NO. 43, SANTOSH NAGAR, WAKI BK., TAL. KHED, DIST. PUNE - 410 501
Website : www.neetalenvirolab.com, Mob. 8669699854 / 52
Email: sales@neetalenvirolab.com / neetalenviro@gmail.com

Certifications :
ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/10/AA/RE/1118	Report Issue Date	15/10/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt. Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon, Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 9:15AM of 09/10/2024 to 5:15 PM of 09/10/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	10/10/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Project Site	Dry bulb temperature	29°C
Wet bulb temperature	20°C	Relative Humidity	49 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	10/10/2024	End Date of Analysis	15/10/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	15.6	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	23.5	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	51.2	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	36.4	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	9.22	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.78	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.32	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11

Remark- All above results are within National Ambient Air Quality standards.

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Kalyani
Reviewed By
(Ms. Kalyani Gore)



Abhishek
Authorized Signatory
(Mr. Abhishek Tope)

*****End of Report*****

Neetal Laboratories And Environmental Services Pvt. Ltd.

Address : H.NO. 43, SANTOSH NAGAR, WAKI BK., TAL. KHED, DIST. PUNE - 410 501

Website : www.neetalenvirolab.com, Mob. 8669699854 / 52

Email: sales@neetalenvirolab.com / neetalenviro@gmail.com

Certifications :

ISO 9001 : 2015

ISO 14001 : 2015

ISO 45001 : 2018

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/10/AA/RE/1119	Report Issue Date	15/10/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 9:30 AM of 09/10/2024 to 5:30 PM of 09/10/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	10/10/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Chandanzira Village	Dry bulb temperature	30°C
Wet bulb temperature	21°C	Relative Humidity	49 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	10/10/2024	End Date of Analysis	15/10/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	16.7	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	20.9	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	58.5	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	38.4	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	9.23	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.12	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.27	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11

Remark- All above results are within National Ambient Air Quality standards.

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Email: sales@neetalenvirolab.com / neetalenviro@gmail.com

Certifications :

ISO 9001 : 2015

ISO 14001 : 2015

ISO 45001 : 2018

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/10/AA/RE/1120	Report Issue Date	15/10/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 9:45AM of 09/10/2024 to 5:45PM of 09/10/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	10/10/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Nagewadi Village	Dry bulb temperature	29°C
Wet bulb temperature	20°C	Relative Humidity	47 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	10/10/2024	End Date of Analysis	15/10/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	17.9	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	25.6	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	55.4	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	37.8	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	9.31	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.06	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.31	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11

Remark- All above results are within National Ambient Air Quality standards.

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(Ms. Kalyani Gore)



Authorized Signatory
(Mr. Abhishek Tope)

*****End of Report*****

Page 1 of 1

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/10/AA/RE/1121	Report Issue Date	15/10/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 10:00 AM of 09/10/2024 to 06:00 PM of 09/10/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	10/10/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Daregaon Village	Dry bulb temperature	30°C
Wet bulb temperature	20°C	Relative Humidity	46%
Sampling done by	Excell Enviro Services		
Start Date of Analysis	10/10/2024	End Date of Analysis	15/10/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	13.4	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	18.5	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	57.3	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	37.4	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	9.22	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.28	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.29	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11

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(Ms. Kalyani Gore)



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Address : H.NO. 43, SANTOSH NAGAR, WAKI BK., TAL. KHED, DIST. PUNE - 410 501

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Email: sales@neetalenvirolab.com / neetalenviro@gmail.com

Certifications :

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ISO 14001 : 2015

ISO 45001 : 2018

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/11/AA/RE/1087	Report Issue Date	23/11/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 9:30 AM of 18/11/2024 to 5:30 PM of 18/11/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	19/11/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Project Site	Dry bulb temperature	27°C
Wet bulb temperature	20°C	Relative Humidity	56 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	19/11/2024	End Date of Analysis	23/11/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	9.77	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	16.9	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	58.4	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	34.5	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	10.7	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.03	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.15	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11

Remark- All above results are within National Ambient Air Quality standards.

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Kalyani
Reviewed By
(Ms. Kalyani Gore)



Abhishek
Authorized Signatory
(Mr. Abhishek Tope)

*****End of Report*****

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/11/AA/RE/1088	Report Issue Date	23/11/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 9:40 AM of 18/11/2024 to 5:40 PM of 18/11/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	19/11/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Chandanzira Village	Dry bulb temperature	28°C
Wet bulb temperature	22°C	Relative Humidity	59 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	19/11/2024	End Date of Analysis	23/11/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	12.3	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	15.6	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	52.3	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	30.4	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	10.5	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.11	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.30	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11

Remark- All above results are within National Ambient Air Quality standards.

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Kalyani
Reviewed By
(Ms. Kalyani Gore)



Abhishek
Authorized Signatory
(Mr. Abhishek Tope)

*****End of Report*****

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/11/AA/RE/1089	Report Issue Date	23/11/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 9:50 AM of 18/11/2024 to 5:50 PM of 18/11/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	19/11/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Nagewadi Village	Dry bulb temperature	30°C
Wet bulb temperature	22°C	Relative Humidity	53%
Sampling done by	Excell Enviro Services		
Start Date of Analysis	19/11/2024	End Date of Analysis	23/11/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	14.3	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	17.8	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	51.2	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	31.5	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	12.3	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.45	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.33	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11

Remark- All above results are within National Ambient Air Quality standards.

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Reviewed By
(Ms. Kalyani Gore)




Authorized Signatory
(Mr. Abhishek Tope)

*****End of Report*****

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/11/AA/RE/1090	Report Issue Date	23/11/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 10:00 AM of 18/11/2024 to 6:00 PM of 18/11/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	19/11/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Daregaon Village	Dry bulb temperature	29°C
Wet bulb temperature	21°C	Relative Humidity	51 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	19/11/2024	End Date of Analysis	23/11/2024

Results

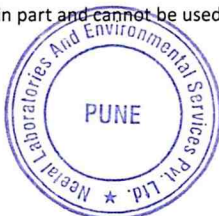
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	13.2	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	16.5	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	50.9	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	38.7	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	14.3	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.33	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.32	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11

Remark- All above results are within National Ambient Air Quality standards.

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(Ms. Kalyani Gore)



Abhishek
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(Mr. Abhishek Tope)

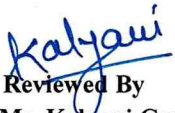
*****End of Report*****

TEST REPORT (Ambient Air)


Report No.		NLES/24-25/12/AA/RE/1541	Report Issue Date	21/12/2024	
Name and Address of Customer		M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.			
Discipline		Chemical	Date & Time of Sampling	From 9:15 AM of 16/12/2024 to 5:15 PM of 16/12/2024 (8 hrs)	
Group		Atmospheric Pollution	Date of receipt of sample in lab	17/12/2024	
Sub Group		Ambient Air	Sampling Procedure	IS 5182 Part 5	
Sampling Location		Project Site	Dry bulb temperature	29 ⁰ C	
Wet bulb temperature		21 ⁰ C	Relative Humidity	55%	
Sampling done by		Excell Enviro Services			
Start Date of Analysis		17/12/2024	End Date of Analysis	21/12/2024	
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	14.3	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	19.8	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	53.4	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	39.7	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	12.3	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.9	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.31	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11
Remark- All above results are within National Ambient Air Quality standards.					

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*****End of Report*****

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/12/AA/RE/1542	Report Issue Date	21/12/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 9:25 AM of 16/12/2024 to 5:25 PM of 16/12/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	17/12/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Chandanzira Village	Dry bulb temperature	30°C
Wet bulb temperature	23°C	Relative Humidity	57%
Sampling done by	Excell Enviro Services		
Start Date of Analysis	17/12/2024	End Date of Analysis	21/12/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	13.4	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	17.9	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	48.6	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	32.8	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	12.3	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.78	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.26	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11

Remark- All above results are within National Ambient Air Quality standards.

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Abhishek
Authorized Signatory
(Mr. Abhishek Tope)

*****End of Report*****

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/12/AA/RE/1543	Report Issue Date	21/12/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 9:35 AM of 16/12/2024 to 5:35 PM of 16/12/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	17/12/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Nagewadi Village	Dry bulb temperature	28°C
Wet bulb temperature	22°C	Relative Humidity	49 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	17/12/2024	End Date of Analysis	21/12/2024


Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	11.5	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	16.4	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	51.2	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	28.6	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	13.2	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	7.3	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.22	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11


Remark- All above results are within National Ambient Air Quality standards.

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*****End of Report*****

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/12/AA/RE/1544	Report Issue Date	21/12/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 9:40 AM of 16/12/2024 to 5:40 PM of 16/12/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	17/12/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Daregaon Village	Dry bulb temperature	29°C
Wet bulb temperature	20°C	Relative Humidity	54%
Sampling done by	Excell Enviro Services		
Start Date of Analysis	17/12/2024	End Date of Analysis	21/12/2024


Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	12.3	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	17.6	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	49.8	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	29.8	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	14.3	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.78	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.28	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11


Remark- All above results are within National Ambient Air Quality standards.

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TEST REPORT

Report No.	NLES/24-25/12/NI/RE/1545	Report Issue Date	21/12/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon, Jalna.		
Discipline	Chemical		
Group	Atmospheric Pollution		
Sub Group	Ambient Noise		
Sample Name	Noise Level Monitoring		
Date of Sampling	16/12/2024		
Method of Sampling	IS 9989: 1981		
Sampling Duration	Spot Noise		
Sampling done by	Excell Enviro Services		

Results

Sr. No.	Location	Average Noise Level Reading dB(A)		Limits as per CPCB guidelines
		Day Time	Night Time	
1	Main Gate	65.4	55.6	Day Time = 75 dB Night Time =70 dB
2	Admin Office	58.7	44.5	

Remark- All above Noise level results are within Central Pollution Control Board Standards limit.

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(Ms. Kalyani Gore)



Abhishek
Authorized Signatory
(Mr. Abhishek Tope)

*****End of Report*****

TEST REPORT (Stack Emission)

Report No.	NLES/24-25/12/ST/RE/1546	Report Issue Date	21/12/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Sample Description	Stack Material: MS
Group	Pollution & Environment.		Stack Height: 35 Mtr
Sub Group	Stack Emission		Stack Type: Round
Date of Sampling	16/12/2024	Sampling Location	Induction Furnace
Date of receipt of sample in lab	17/12/2024	Sampling duration	30 Min
Sampling done by	Excell Enviro Services	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	17/12/2024	End Date of Analysis	21/12/2024

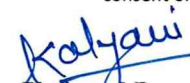
Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	58	°C	--	--
2	Differential Pressure	3.3	mm WG		
3	Velocity	6.52	M/s		
4	Total Particulate Matter	32.5	mg/Nm3	≤ 100	IS 11255 (Part 1)
5	Sulphur Dioxide (SO ₂)	13.4	mg/Nm3	N.S.	IS 11255 (Part 2)
6	Sulphur Dioxide (SO ₂)	0.16	Kg/day	N.S.	IS 11255 (Part 2)
7	Oxides of Nitrogen (Nox)	12.3	mg/Nm3	N.S.	IS 11255 (Part 7)


➤ Remark- All above results are well within MPCB Limit. N.S-Not Specified,

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Neetal Laboratories And Environmental Services Pvt. Ltd.

Address : H.NO. 43, SANTOSH NAGAR, WAKI BK., TAL. KHED, DIST. PUNE - 410 501
Website : www.neetalenvirolab.com, Mob. 8669699854 / 52
Email: sales@neetalenvirolab.com / neetalenviro@gmail.com

Certifications :
ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018


TEST REPORT				
Report No:	NLES/24-25/12/WZ/RE/1547	Report Issue Date	21/12/2024	
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.			
Sample Name	Workzone Noise	Date of Sampling	16/12/2024	
Sampling done by	Excell Enviro Services			
Results				
Sr. No.	Locations	dB(A)	Specifications (The Factories Act 1948, standards)	Method
1.	Furnace Shed	84.5	≤90	CPCB Guideline
2.	Rolling Mill Shed	79.8		
Remark- The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.				

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*****End of Report*****

Page 1 of 1

TEST REPORT (Fugitive Emission)

Report No.	NLES/24-25/12/AA/RE/1548	Report Issue Date	21/12/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 11:20 AM of 16/12/2024
Group	Atmospheric Pollution	Date of receipt of sample in lab	17/12/2024
Sub Group	Fugitive Emission	Sampling Location	Factory Main Gate
Dry bulb temperature	29°C	Wet bulb temperature	19 °C
Relative Humidity	45 %	Sampling done by	Excell Enviro Services
Start Date of Analysis	17/12/2024	End Date of Analysis	21/12/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Norms	Methods
1	Suspended Particulate Matter (SPM)	1278.9	µg/m ³	≤ 2000	IS 5182 (Part 23)
2	Respirable Suspended Particulate Matter (RSPM)	435.6	µg/m ³	-	IS 5182 (Part 23)
3	Sulphur Dioxide (SO ₂)	5.8	µg/m ³	-	IS 5182 (Part 2)
4	Nitrogen oxides (NO _x)	6.9	µg/m ³	-	IS 5182 (Part 6)
5	Lead (Pb)	BDL	µg/m ³	-	Air Sampling and Analysis, 3rd Edition, 2020


Remark- All above results are within Limits., BDL-Below Detection Limit

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*****End of Report*****

TEST REPORT (Fugitive Emission)

Report No.	NLES/24-25/12/AA/RE/1549	Report Issue Date	21/12/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 11:30AM of 16/12/2024
Group	Atmospheric Pollution	Date of receipt of sample in lab	17/12/2024
Sub Group	Fugitive Emission	Sampling Location	Furnace Shed
Dry bulb temperature	29°C	Wet bulb temperature	20 °C
Relative Humidity	45 %	Sampling done by	Excell Enviro Services
Start Date of Analysis	17/12/2024	End Date of Analysis	21/12/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Norms	Methods
1	Suspended Particulate Matter (SPM)	1344.3	µg/m ³	≤ 2000	IS 5182 (Part 23)
2	Respirable Suspended Particulate Matter (RSPM)	567.8	µg/m ³	-	IS 5182 (Part 23)
3	Sulphur Dioxide (SO ₂)	5.8	µg/m ³	-	IS 5182 (Part 2)
4	Nitrogen oxides (NO _x)	7.8	µg/m ³	-	IS 5182 (Part 6)
5	Lead (Pb)	BDL	µg/m ³	-	Air Sampling and Analysis, 3rd Edition, 2020

Remark- All above results are within Limits., BDL-Below Detection Limit

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Page 1 of 1

TEST REPORT (Fugitive Emission)

Report No.	NLES/24-25/12/AA/RE/1550	Report Issue Date	21/12/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 11:40 AM of 16/12/2024
Group	Atmospheric Pollution	Date of receipt of sample in lab	17/12/2024
Sub Group	Fugitive Emission	Sampling Location	Mill Shed
Dry bulb temperature	30°C	Wet bulb temperature	21 °C
Relative Humidity	47 %	Sampling done by	Excell Enviro Services
Start Date of Analysis	17/12/2024	End Date of Analysis	21/12/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Norms	Methods
1	Suspended Particulate Matter (SPM)	1289.7	µg/m ³	≤ 2000	IS 5182 (Part 23)
2	Respirable Suspended Particulate Matter (RSPM)	544.7	µg/m ³	-	IS 5182 (Part 23)
3	Sulphur Dioxide (SO ₂)	6.4	µg/m ³	-	IS 5182 (Part 2)
4	Nitrogen oxides (NO _x)	7.02	µg/m ³	-	IS 5182 (Part 6)
5	Lead (Pb)	BDL	µg/m ³	-	Air Sampling and Analysis, 3rd Edition, 2020

Remark- All above results are within Limits., BDL-Below Detection Limit

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Page 1 of 1

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/01/AA/RE/1604	Report Issue Date	11/01/2025
Name and Address of Customer	M/s. Metarolls Ispat Pvt. Ltd. Gut No.48, Adjacent to MIDC Phase-II, Daregaon, Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 9:25 AM of 07/01/2025 to 5:25 PM of 07/01/2025 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	08/01/2025
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Project Site	Dry bulb temperature	31°C
Wet bulb temperature	19°C	Relative Humidity	46 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	08/01/2025	End Date of Analysis	11/01/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	14.2	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	20.8	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	54.3	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	35.2	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	10.0	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	7.23	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.31	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene (C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11

Remark- All above results are within National Ambient Air Quality standards.

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(Ms. Kalyani Gore)




Authorized Signatory
(Mr. Abhishek Tope)

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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/01/AA/RE/1605	Report Issue Date	11/01/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 9:40 AM of 07/01/2025 to 5:40 PM of 07/01/2025 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	08/01/2025
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Chandanzira Village	Dry bulb temperature	30°C
Wet bulb temperature	19°C	Relative Humidity	47 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	08/01/2025	End Date of Analysis	11/01/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	13.4	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	18.1	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	55.2	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	36.8	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	9.44	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.41	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.25	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11


Remark- All above results are within National Ambient Air Quality standards.

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TEST REPORT (Ambient Air)

TEST REPORT (Ambient Air)					
Report No.		NLES/24-25/01/AA/RE/1606		Report Issue Date	11/01/2025
Name and Address of Customer		M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.			
Discipline		Chemical	Date & Time of Sampling		From 9:55 AM of 07/01/2025 to 5:55PM of 07/01/2025 (8 hrs)
Group		Atmospheric Pollution	Date of receipt of sample in lab		08/01/2025
Sub Group		Ambient Air	Sampling Procedure		IS 5182 Part 5
Sampling Location		Nagewadi Village	Dry bulb temperature		30 ⁰ C
Wet bulb temperature		20 ⁰ C	Relative Humidity		48 %
Sampling done by		Excell Enviro Services			
Start Date of Analysis		08/01/2025	End Date of Analysis		11/01/2025
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	14.4	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	18.9	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	57.9	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	36.2	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	10.8	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.01	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.32	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11
Remark- All above results are within National Ambient Air Quality standards.					

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 (Ms. Kalyani Gore)



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 (Mr. Abhishek Tope)

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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/01/AA/RE/1607	Report Issue Date	11/01/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 10:10 AM of 07/01/2025 to 6:10 PM of 07/01/2025 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	08/01/2025
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Daregaon Village	Dry bulb temperature	30°C
Wet bulb temperature	19°C	Relative Humidity	46 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	08/01/2025	End Date of Analysis	11/01/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	10.9	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	13.4	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	51.2	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	36.8	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.02	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.77	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.27	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11

Remark- All above results are within National Ambient Air Quality standards.

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(Mr. Abhishek Tope)

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TEST REPORT

Report No.	NLES/24-25/01/W/RE/1608	Report Issue Date	11/01/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date of Sample Collection	07/01/2025
Group	Water	Date of receipt of sample in lab	08/01/2025
Sub Group	Surface Water	Sample Quantity	02 Liter Plastic Can
Sample Description	Moti Talav	Sample Status	Sealed
Sample Collected by	Excell Enviro Services		
Start Date of Analysis	08/01/2025	End Date of Analysis	11/01/2025

Results

Sr. No.	Parameters	Unit(s)	Results	Methods
PHYSICAL PARAMETERS				
1	Odour	-	Agreeable	IS 3025 Part-5
2	pH at 25°C	-	7.23	APHA 4500 H+ A, 24 th Ed. 2023
3	Turbidity	NTU	1.89	IS 3025 Part-10
4	Total Dissolved Solids	mg/l	687	APHA 2540 C, 24 th Ed. 2023
5	Ammonical Nitrogen as N	mg/l	0.38	APHA 4500 NH3, 24 th Ed. 2023.
6	Calcium (as Ca)	mg/l	88.5	APHA 3500 Ca B, 24 th Ed. 2023
7	Chloride (as Cl)	mg/l	123.4	APHA 4500 Cl B, 24 th Ed. 2023
8	Fluoride (as F)	mg/l	0.81	APHA 4500 F- D ,24 th Ed. 2023
9	Residual Chlorine	mg/l	<0.30	IS 3025 Part 26 (Rev.1, RA 2014)
10	Magnesium (as Mg)	mg/l	29.8	APHA 3500 Mg A, 24 th Ed. 2023
11	Nitrate (as NO ₃)	mg/l	4.82	APHA 4500 NO3- B ,24 th Ed. 2023
12	Sulphate (as SO ₄)	mg/l	61.3	APHA 4500 SO4 E, 24 th Ed. 2023
13	Total Alkalinity (as CaCO ₃)	mg/l	279.5	APHA 2320 B, 24 th Ed. 2023
14	Total Hardness (as CaCO ₃)	mg/l	345.6	APHA 2340 B,24 th Ed. 2023
15	Iron (as Fe)	mg/l	0.49	APHA 3500 Fe B ,24 th Ed. 2023
16	Colour	Hazen	1.0	IS 3025 (Part-4)

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TEST REPORT


Report No.	NLES/24-25/01/W/RE/1609	Report Issue Date	11/01/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date of Sample Collection	07/01/2025
Group	Water	Date of receipt of sample in lab	08/01/2025
Sub Group	Surface Water	Sample Quantity	02 Liter Plastic Can
Sample Description	Ghanewadi Talav	Sample Status	Sealed
Sample Collected by	Excell Enviro Services		
Start Date of Analysis	08/01/2025	End Date of Analysis	11/01/2025

Results


Sr. No.	Parameters	Unit(s)	Results	Methods
PHYSICAL PARAMETERS				
1	Odour	-	Agreeable	IS 3025 Part-5
2	pH at 25°C	-	7.18	APHA 4500 H+ A, 24 th Ed. 2023
3	Turbidity	NTU	3.81	IS 3025 Part-10
4	Total Dissolved Solids	mg/l	512	APHA 2540 C, 24 th Ed. 2023
5	Ammonical Nitrogen as N	mg/l	0.29	APHA 4500 NH3, 24 th Ed. 2023.
6	Calcium (as Ca)	mg/l	83.4	APHA 3500 Ca B, 24 th Ed. 2023
7	Chloride (as Cl)	mg/l	129.8	APHA 4500 Cl B, 24 th Ed. 2023
8	Fluoride (as F)	mg/l	0.62	APHA 4500 F- D ,24 th Ed. 2023
9	Residual Chlorine	mg/l	<0.30	IS 3025 Part 26 (Rev.1, RA 2014)
10	Magnesium (as Mg)	mg/l	31.9	APHA 3500 Mg A, 24 th Ed. 2023
11	Nitrate (as NO ₃)	mg/l	4.02	APHA 4500 NO3- B ,24 th Ed. 2023
12	Sulphate (as SO ₄)	mg/l	57.9	APHA 4500 SO4 E, 24 th Ed. 2023
13	Total Alkalinity (as CaCO ₃)	mg/l	288.5	APHA 2320 B, 24 th Ed. 2023
14	Total Hardness (as CaCO ₃)	mg/l	298.7	APHA 2340 B,24 th Ed. 2023
15	Iron (as Fe)	mg/l	0.32	APHA 3500 Fe B ,24 th Ed. 2023
16	Colour	Hazen	1.0	IS 3025 (Part-4)

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TEST REPORT


Report No.	NLES/24-25/01/W/RE/1610	Report Issue Date	11/01/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date of Sample Collection	07/01/2025
Group	Water	Date of receipt of sample in lab	08/01/2025
Sub Group	Ground Water	Sample Quantity	02 Liter Plastic Can
Sample Description	Chandanzira Village-Borewell	Sample Status	Sealed
Sample Collected by	Excell Enviro Services		
Start Date of Analysis	08/01/2025	End Date of Analysis	11/01/2025

Results


Sr.No.	Parameters	Unit(s)	Results	Methods
PHYSICAL PARAMETERS				
1	Odour	-	Agreeable	IS 3025 Part-5
2	pH at 25°C	-	7.71	APHA 4500 H+ A, 24 th Ed. 2023
3	Turbidity	NTU	0.62	IS 3025 Part-10
4	Total Dissolved Solids	mg/l	568	APHA 2540 C, 24 th Ed. 2023
5	Ammonical Nitrogen as N	mg/l	0.23	APHA 4500 NH ₃ , 24 th Ed. 2023.
6	Calcium (as Ca)	mg/l	78.9	APHA 3500 Ca B, 24 th Ed. 2023
7	Chloride (as Cl)	mg/l	120.4	APHA 4500 Cl B, 24 th Ed. 2023
8	Fluoride (as F)	mg/l	0.39	APHA 4500 F- D ,24 th Ed. 2023
9	Residual Chlorine	mg/l	<0.30	IS 3025 Part 26 (Rev.1, RA 2014)
10	Magnesium (as Mg)	mg/l	38.5	APHA 3500 Mg A, 24 th Ed. 2023
11	Nitrate (as NO ₃)	mg/l	5.99	APHA 4500 NO ₃ - B ,24 th Ed. 2023
12	Sulphate (as SO ₄)	mg/l	62.0	APHA 4500 SO ₄ E, 24 th Ed. 2023
13	Total Alkalinity (as CaCO ₃)	mg/l	213.5	APHA 2320 B, 24 th Ed. 2023
14	Total Hardness (as CaCO ₃)	mg/l	333.6	APHA 2340 B,24 th Ed. 2023
15	Iron (as Fe)	mg/l	0.34	APHA 3500 Fe B ,24 th Ed. 2023
16	Colour	Hazen	1.0	IS 3025 (Part-4)
17	Mn (Manganese)	mg/l	<0.10	APHA 3111, 24 th Ed. 2023
18	Al (Aluminum)	mg/l	<0.01	APHA 3111, 24 th Ed. 2023
19	Cd (Cadmium)	mg/l	<0.001	APHA 3111, 24 th Ed. 2023
20	Cr (Chromium)	mg/l	<0.01	APHA 3111, 24 th Ed. 2023
21	Cu (Copper)	mg/l	<0.01	APHA 3111, 24 th Ed. 2023
22	Ni (Nickel)	mg/l	<0.01	APHA 3111, 24 th Ed. 2023
23	Mercury	mg/l	<0.001	APHA 3111, 24 th Ed. 2023

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TEST REPORT					
Report No.		NLES/24-25/01/W/RE/1611	Report Issue Date		11/01/2025
Name and Address of Customer		M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.			
Discipline		Chemical	Date of Sample Collection		07/01/2025
Group		Water	Date of receipt of sample in lab		08/01/2025
Sub Group		Ground Water	Sample Quantity		02 Liter Plastic Can
Sample Description		Nagewadi Village-Well Water	Sample Status		Sealed
Sample Collected by		Excell Enviro Services			
Start Date of Analysis		08/01/2025	End Date of Analysis		11/01/2025
Results					
Sr. No.	Parameters	Unit(s)	Results	Methods	
PHYSICAL PARAMETERS					
1	Odour	-	Agreeable	IS 3025 Part-5	
2	pH at 25 ⁰ C	-	7.38	APHA 4500 H+ A, 24 th Ed. 2023	
3	Turbidity	NTU	0.69	IS 3025 Part-10	
4	Total Dissolved Solids	mg/l	592	APHA 2540 C, 24 th Ed. 2023	
5	Ammonical Nitrogen as N	mg/l	0.27	APHA 4500 NH3, 24 th Ed. 2023.	
6	Calcium (as Ca)	mg/l	79.2	APHA 3500 Ca B, 24 th Ed. 2023	
7	Chloride (as Cl)	mg/l	131.2	APHA 4500 Cl B, 24 th Ed. 2023	
8	Fluoride (as F)	mg/l	0.41	APHA 4500 F- D ,24 th Ed. 2023	
9	Residual Chlorine	mg/l	<0.30	IS 3025 Part 26 (Rev.1, RA 2014)	
10	Magnesium (as Mg)	mg/l	39.7	APHA 3500 Mg A, 24 th Ed. 2023	
11	Nitrate (as NO ₃)	mg/l	5.89	APHA 4500 NO3- B ,24 th Ed. 2023	
12	Sulphate (as SO ₄)	mg/l	62.3	APHA 4500 SO4 E, 24 th Ed. 2023	
13	Total Alkalinity (as CaCO ₃)	mg/l	199.5	APHA 2320 B, 24 th Ed. 2023	
14	Total Hardness (as CaCO ₃)	mg/l	348.7	APHA 2340 B,24 th Ed. 2023	
15	Iron (as Fe)	mg/l	0.39	APHA 3500 Fe B ,24 th Ed. 2023	
16	Colour	Hazen	1.0	IS 3025 (Part-4)	
17	Mn (Manganese)	mg/l	<0.10	APHA 3111, 24 th Ed. 2023	
18	Al (Aluminum)	mg/l	<0.01	APHA 3111, 24 th Ed. 2023	
19	Cd (Cadmium)	mg/l	<0.001	APHA 3111, 24 th Ed. 2023	
20	Cr (Chromium)	mg/l	<0.01	APHA 3111, 24 th Ed. 2023	
21	Cu (Copper)	mg/l	<0.01	APHA 3111, 24 th Ed. 2023	
22	Ni (Nickel)	mg/l	<0.01	APHA 3111, 24 th Ed. 2023	
23	Mercury	mg/l	<0.001	APHA 3111, 24 th Ed. 2023	

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TEST REPORT


TEST REPORT				
Report No.	NLES/24-25/01/SI/RE/1612	Report Issue Date	11/01/2025	
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.			
Discipline	Chemical	Date of Sample Collection	07/01/2025	
Group	Pollution & Environment	Date of receipt of sample in lab	08/01/2025	
Sub Group	Soil / Sediments	Sample Quantity	01 Kg	
Sample Description	Project Site	Sample Status	Sealed	
Sample Collected by	Excell Enviro Services			
Start Date of Analysis	08/01/2025	End Date of Analysis	11/01/2025	
Results				
Sr. No.	Parameters	Units	Results	Methods
1	Colour	--	Black	Manual of Soil Testing
2	pH	--	7.56	Manual of Soil Testing
3	Electrical Conductivity	µs/Cm	386.7	
4	Chloride as Cl ⁻	mg/Kg	59.8	
5	Sulphate as SO4 ²⁻	mg/Kg	38.4	
6	Iron as Fe	mg/Kg	0.83	
7	Available Sodium as Na	mg/Kg	36.9	FAO, Sec. II-I
8	Available Potassium as K	mg/Kg	39.7	IS :2720 P-17/36
9	Available Phosphorous as PO4	Kg/ha	62.3	IS 14765
10	Calcium as Ca	mg/Kg	30.8	Manual of Soil Testing
11	Magnesium as Mg	mg/Kg	22.6	IS 2720 (Part 26)
12	Water Holding Capacity	%	59.8	IS 14767:
13	Bulk Density	g/cm3	1.36	Manual of Soil Testing
14	Water Content/Moisture	%	2.15	Manual of Soil Testing
15	Texture	--	Clay	Manual of Soil Testing
16	Lead	mg/Kg	0.58	EPA 3050 B

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TEST REPORT				
Report No.	NLES/24-25/01/SI/RE/1613	Report Issue Date	11/01/2025	
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.			
Discipline	Chemical	Date of Sample Collection	07/01/2025	
Group	Pollution & Environment	Date of receipt of sample in lab	08/01/2025	
Sub Group	Soil / Sediments	Sample Quantity	01 Kg	
Sample Description	Nagewadi Village	Sample Status	Sealed	
Sample Collected by	Excell Enviro Services			
Start Date of Analysis	08/01/2025	End Date of Analysis	11/01/2025	
Results				
Sr. No.	Parameters	Units	Results	Methods
1	Colour	--	Black	Manual of Soil Testing
2	pH	--	7.34	Manual of Soil Testing
3	Electrical Conductivity	µs/Cm	322.5	
4	Chloride as Cl ⁻	mg/Kg	53.4	
5	Sulphate as SO4 ²⁻	mg/Kg	33.9	
6	Iron as Fe	mg/Kg	0.81	
7	Available Sodium as Na	mg/Kg	28.7	FAO, Sec. II-I
8	Available Potassium as K	mg/Kg	30.9	IS :2720 P-17/36
9	Available Phosphorous as PO4	Kg/ha	58.1	IS 14765
10	Calcium as Ca	mg/Kg	31.5	Manual of Soil Testing
11	Magnesium as Mg	mg/Kg	23.1	IS 2720 (Part 26)
12	Water Holding Capacity	%	53.9	IS 14767:
13	Bulk Density	g/cm3	1.67	Manual of Soil Testing
14	Water Content/Moisture	%	3.12	Manual of Soil Testing
15	Texture	--	Clay	Manual of Soil Testing
16	Lead	mg/Kg	0.21	EPA 3050 B

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(Mr. Abhishek Tope)

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Neetal Laboratories And Environmental Services Pvt. Ltd.

Address : H.NO. 43, SANTOSH NAGAR, WAKI BK., TAL. KHED, DIST. PUNE - 410 501

Website : www.neetalenvirolab.com, Mob. 8669699854 / 52

Email: sales@neetalenvirolab.com / neetalenviro@gmail.com

Certifications :

ISO 9001 : 2015

ISO 14001 : 2015

ISO 45001 : 2018

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/02/AA/RE/1009	Report Issue Date	15/02/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 9:30 AM of 10/02/2025 to 5:30 PM of 10/02/2025 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	11/02/2025
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Project Site	Dry bulb temperature	31°C
Wet bulb temperature	19°C	Relative Humidity	38 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	11/02/2025	End Date of Analysis	15/02/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	10.9	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	13.4	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	59.8	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	40.3	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	10.2	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.02	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.25	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11

Remark- All above results are within National Ambient Air Quality standards.

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Kalyani
Reviewed By
(Ms. Kalyani Gore)



Abhishek
Authorized Signatory
(Mr. Abhishek Tope)

*****End of Report*****

Neetal Laboratories And Environmental Services Pvt. Ltd.

Address : H.NO. 43, SANTOSH NAGAR, WAKI BK., TAL. KHED, DIST. PUNE - 410 501

Website : www.neetalenvirolab.com, Mob. 8669699854 / 52

Email: sales@neetalenvirolab.com / neetalenviro@gmail.com

Certifications :

ISO 9001 : 2015

ISO 14001 : 2015

ISO 45001 : 2018

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/02/AA/RE/1010	Report Issue Date	15/02/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 9:45AM of 10/02/2025 to 5:45 PM of 10/02/2025 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	11/02/2025
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Chandanzira Village	Dry bulb temperature	32°C
Wet bulb temperature	19°C	Relative Humidity	35 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	11/02/2025	End Date of Analysis	15/02/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	12.3	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	15.8	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	54.3	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	43.8	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.9	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.88	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.32	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11

Remark- All above results are within National Ambient Air Quality standards.

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Kalyani
Reviewed By
(Ms. Kalyani Gore)



Abhishek
Authorized Signatory
(Mr. Abhishek Tope)

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Address : H.NO. 43, SANTOSH NAGAR, WAKI BK., TAL. KHED, DIST. PUNE - 410 501

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Email: sales@neetalenvirolab.com / neetalenviro@gmail.com

Certifications :

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ISO 45001 : 2018

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/02/AA/RE/1011	Report Issue Date	15/02/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 10:00 AM of 10/02/2025 to 6:00 PM of 10/02/2025 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	11/02/2025
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Nagewadi Village	Dry bulb temperature	31°C
Wet bulb temperature	20°C	Relative Humidity	32 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	11/02/2025	End Date of Analysis	15/02/2025


Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	14.5	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	19.8	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	56.3	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	40.9	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	10.5	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.12	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.29	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11


Remark- All above results are within National Ambient Air Quality standards.

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Reviewed By
(Ms. Kalyani Gore)




Authorized Signatory
(Mr. Abhishek Tope)

*****End of Report*****


TEST REPORT (Ambient Air)

TEST REPORT (Ambient Air)					
Report No.		NLES/24-25/02/AA/RE/1012		Report Issue Date	15/02/2025
Name and Address of Customer		M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.			
Discipline		Chemical	Date & Time of Sampling		From 10:15 AM of 10/02/2025 to 6:15 PM of 10/02/2025 (8 hrs)
Group		Atmospheric Pollution	Date of receipt of sample in lab		11/02/2025
Sub Group		Ambient Air	Sampling Procedure		IS 5182 Part 5
Sampling Location		Daregaon Village	Dry bulb temperature		31 ⁰ C
Wet bulb temperature		21 ⁰ C	Relative Humidity		33 %
Sampling done by		Excell Enviro Services			
Start Date of Analysis		11/02/2025	End Date of Analysis		15/02/2025
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	12.3	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	16.7	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	58.5	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	38.9	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.9	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.13	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.32	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11
Remark- All above results are within National Ambient Air Quality standards.					


Remark- All above results are within National Ambient Air Quality standards.

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(Ms. Kalyani Gore)




Authorized Signatory
(Mr. Abhishek Tope)

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Address : H.NO. 43, SANTOSH NAGAR, WAKI BK., TAL. KHED, DIST. PUNE - 410 501

Website : www.neetalenvirolab.com, Mob. 8669699854 / 52

Email: sales@neetalenvirolab.com / neetalenviro@gmail.com

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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/03/AA/RE/1480	Report Issue Date	22/03/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 9:20 AM of 18/03/2025 to 5:20 PM of 18/03/2025 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	19/03/2025
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Project Site	Dry bulb temperature	33°C
Wet bulb temperature	18°C	Relative Humidity	19%
Sampling done by	Excell Enviro Services		
Start Date of Analysis	19/03/2025	End Date of Analysis	22/03/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	12.4	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	17.8	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	65.2	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	48.9	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	10.9	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.02	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.25	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11

Remark- All above results are within National Ambient Air Quality standards.

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Kalyani
Reviewed By
(Ms. Kalyani Gore)



Abhishek
Authorized Signatory
(Mr. Abhishek Tope)

*****End of Report*****

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/03/AA/RE/1481	Report Issue Date	22/03/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 9:35 AM of 18/03/2025 to 5:35 PM of 18/03/2025 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	19/03/2025
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Chandanzira Village	Dry bulb temperature	33°C
Wet bulb temperature	18°C	Relative Humidity	21 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	19/03/2025	End Date of Analysis	22/03/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	10.8	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	12.3	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	65.9	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	46.7	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.3	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.02	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.21	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11

Remark- All above results are within National Ambient Air Quality standards.

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Kalyani
Reviewed By
(Ms. Kalyani Gore)



Abhishek
Authorized Signatory
(Mr. Abhishek Tope)

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Neetal Laboratories And Environmental Services Pvt. Ltd.

Address : H.NO. 43, SANTOSH NAGAR, WAKI BK., TAL. KHED, DIST. PUNE - 410 501

Website : www.neetalenvirolab.com, Mob. 8669699854 / 52

Email: sales@neetalenvirolab.com / neetalenviro@gmail.com

Certifications :

ISO 9001 : 2015

ISO 14001 : 2015

ISO 45001 : 2018

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/03/AA/RE/1482	Report Issue Date	22/03/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 9:50 AM of 18/03/2025 to 5:50 PM of 18/03/2025 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	19/03/2025
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Nagewadi Village	Dry bulb temperature	33°C
Wet bulb temperature	19°C	Relative Humidity	25 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	19/03/2025	End Date of Analysis	22/03/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	11.9	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	18.5	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	56.2	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	40.4	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	10.5	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.3	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.18	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11

Remark- All above results are within National Ambient Air Quality standards.

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Kalyani
Reviewed By
(Ms. Kalyani Gore)



Abhishek
Authorized Signatory
(Mr. Abhishek Tope)

*****End of Report*****

Page 1 of 1

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/03/AA/RE/1483	Report Issue Date	22/03/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 10:05 AM of 18/03/2025 to 6:05 PM of 18/03/2025 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	19/03/2025
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Daregaon Village	Dry bulb temperature	32°C
Wet bulb temperature	21°C	Relative Humidity	26 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	19/03/2025	End Date of Analysis	22/03/2025


Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	13.3	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	18.7	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	61.7	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	41.8	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	10.0	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.89	µg/m ³	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m ³	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m ³	≤ 06	
9	Nickel (Ni)	BDL	ng/m ³	≤ 20	
10	Carbon Monoxide (CO)	0.23	mg/m ³	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 Part 12
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 Part 11


Remark- All above results are within National Ambient Air Quality standards.

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Authorized Signatory
(Mr. Abhishek Tope)

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Address : H.NO. 43, SANTOSH NAGAR, WAKI BK., TAL. KHED, DIST. PUNE - 410 501

Website : www.neetalenvirolab.com, Mob. 8669699854 / 52

Email: sales@neetalenvirolab.com / neetalenviro@gmail.com

Certifications :

ISO 9001 : 2015

ISO 14001 : 2015

ISO 45001 : 2018

TEST REPORT

Report No.	NLES/24-25/03/NI/RE/1484	Report Issue Date	22/03/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical		
Group	Atmospheric Pollution		
Sub Group	Ambient Noise		
Sample Name	Noise Level Monitoring		
Date of Sampling	18/03/2025		
Method of Sampling	IS 9989: 1981		
Sampling Duration	Spot Noise		
Sampling done by	Excell Enviro Services		

Results

Sr. No.	Location	Average Noise Level Reading dB(A)		Limits as per CPCB guidelines
		Day Time	Night Time	
1	Main Gate	62.4	50.6	Day Time = 75 dB Night Time =70 dB
2	Admin Office	58.9	45.2	


Remark- All above Noise level results are within Central Pollution Control Board Standards limit.

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(Mr. Abhishek Tope)

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Page 1 of 1

TEST REPORT (Stack Emission)

Report No.	NLES/24-25/03/ST/RE/1485	Report Issue Date	22/03/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Sample Description	Stack Material: MS
Group	Pollution & Environment.		Stack Height: 35 Mtr
Sub Group	Stack Emission		Stack Type: Round
Date of Sampling	18/03/2025	Sampling Location	Induction Furnace
Date of receipt of sample in lab	19/03/2025	Sampling duration	30 Min
Sampling done by	Excell Enviro Services	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	19/03/2025	End Date of Analysis	22/03/2025

Results


Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	58	°C	--	--
2	Differential Pressure	3.6	mm WG		
3	Velocity	6.81	M/s		
4	Total Particulate Matter	33.2	mg/Nm3	≤ 100	IS 11255 (Part 1)
5	Sulphur Dioxide (SO ₂)	12.4	mg/Nm3	N.S.	IS 11255 (Part 2)
6	Sulphur Dioxide (SO ₂)	0.31	Kg/day	N.S.	IS 11255 (Part 2)
7	Oxides of Nitrogen (Nox)	20.3	mg/Nm3	N.S.	IS 11255 (Part 7)

➤ Remark- All above results are well within MPCB Limit. N.S-Not Specified,
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(Ms. Kalyani Gore)




Authorized Signatory
(Mr. Abhishek Tope)

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Address : H.NO. 43, SANTOSH NAGAR, WAKI BK., TAL. KHED, DIST. PUNE - 410 501

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Certifications :

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ISO 14001 : 2015

ISO 45001 : 2018

TEST REPORT

Report No:	NLES/24-25/03/NI/RE/1486	Report Issue Date	22/03/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Sample Name	Workzone Noise	Date of Sampling	18/03/2025
Sampling done by	Excell Enviro Services		

Results

Sr. No.	Locations	dB(A)	Specifications (The Factories Act 1948, standards)	Method
1.	Furnace Shed	83.5	≤90	CPCB Guideline
2.	Rolling Mill Shed	87.9		


Remark- The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.

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Reviewed By
(Ms. Kalyani Gore)




Authorized Signatory
(Mr. Abhishek Tope)

*****End of Report*****

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TEST REPORT (Fugitive Emission)

Report No.	NLES/24-25/03/AA/RE/1487	Report Issue Date	22/03/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 11:35 AM of 18/03/2025
Group	Atmospheric Pollution	Date of receipt of sample in lab	19/03/2025
Sub Group	Fugitive Emission	Sampling Location	Factory Main Gate
Dry bulb temperature	30°C	Wet bulb temperature	19 °C
Relative Humidity	33%	Sampling done by	Excell Enviro Services
Start Date of Analysis	19/03/2025	End Date of Analysis	22/03/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Norms	Methods
1	Suspended Particulate Matter (SPM)	1345.6	µg/m ³	≤ 2000	IS 5182 (Part 23)
2	Respirable Suspended Particulate Matter (RSPM)	467.8	µg/m ³	-	IS 5182 (Part 23)
3	Sulphur Dioxide (SO ₂)	6.3	µg/m ³	-	IS 5182 (Part 2)
4	Nitrogen oxides (NO _x)	7.1	µg/m ³	-	IS 5182 (Part 6)
5	Lead (Pb)	BDL	µg/m ³	-	Air Sampling and Analysis, 3rd Edition, 2020

Remark- All above results are within Limits., BDL-Below Detection Limit

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*****End of Report*****

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TEST REPORT (Fugitive Emission)

Report No.	NLES/24-25/03/AA/RE/1488	Report Issue Date	22/03/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 11:45 AM of 18/03/2025
Group	Atmospheric Pollution	Date of receipt of sample in lab	19/03/2025
Sub Group	Fugitive Emission	Sampling Location	Furnace Shed
Dry bulb temperature	31°C	Wet bulb temperature	19 °C
Relative Humidity	27 %	Sampling done by	Excell Enviro Services
Start Date of Analysis	19/03/2025	End Date of Analysis	22/03/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Norms	Methods
1	Suspended Particulate Matter (SPM)	1288.9	µg/m ³	≤ 2000	IS 5182 (Part 23)
2	Respirable Suspended Particulate Matter (RSPM)	494.3	µg/m ³	-	IS 5182 (Part 23)
3	Sulphur Dioxide (SO ₂)	6.12	µg/m ³	-	IS 5182 (Part 2)
4	Nitrogen oxides (NO _x)	7.8	µg/m ³	-	IS 5182 (Part 6)
5	Lead (Pb)	BDL	µg/m ³	-	Air Sampling and Analysis, 3rd Edition, 2020


Remark- All above results are within Limits., BDL-Below Detection Limit

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*****End of Report*****

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TEST REPORT (Fugitive Emission)

Report No.	NLES/24-25/03/AA/RE/1489	Report Issue Date	22/03/2025
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date & Time of Sampling	From 11:55 AM of 18/03/2025
Group	Atmospheric Pollution	Date of receipt of sample in lab	19/03/2025
Sub Group	Fugitive Emission	Sampling Location	Mill Shed
Dry bulb temperature	33°C	Wet bulb temperature	20 °C
Relative Humidity	29 %	Sampling done by	Excell Enviro Services
Start Date of Analysis	19/03/2025	End Date of Analysis	22/03/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Norms	Methods
1	Suspended Particulate Matter (SPM)	1256.3	µg/m ³	≤ 2000	IS 5182 (Part 23)
2	Respirable Suspended Particulate Matter (RSPM)	435.8	µg/m ³	-	IS 5182 (Part 23)
3	Sulphur Dioxide (SO ₂)	6.1	µg/m ³	-	IS 5182 (Part 2)
4	Nitrogen oxides (NO _x)	7.56	µg/m ³	-	IS 5182 (Part 6)
5	Lead (Pb)	BDL	µg/m ³	-	Air Sampling and Analysis, 3rd Edition, 2020

Remark- All above results are within Limits., BDL-Below Detection Limit

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