

M/S. METAROLLS ISPAT PVT. LTD.

SIX MONTHLY POST ENVIRONMENTAL CLEARANCE

COMPLIANCE REPORT

Period of Compliance Reporting:

APRIL TO SEPTEMBER 2024



Submitted By:

M/s. Metarolls Ispat Pvt. Ltd.

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



Danish Envis <danish1017@gmail.com>

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

D N Reddy <dnreddy@metarolls.com>

Sun, Nov 24, 2024 at 11:27 AM

To: ecompliance-mh@gov.in, psec.env@maharashtra.gov.in

Cc: srojalna@mpcb.gov.in

Bcc: danish1017@gmail.com

**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 April to September 2024. 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: April to September 2024**

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 **April to September 2024** 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.

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.



POST EC COMPLIANCE REPORT DEC - 2024.pdf
21085K

Ref. No.:

Date: 19/11/2024

To,

The Regional Officer,

Ministry of Environment, Forest & Climate Change,
Regional Office (WCZ), Ground Floor, East Wing,
New Secretariat Building, Civil Lines,
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Mr. D. N. REDDY

GM

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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



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°50'36.69"N 2. Longitude - 75°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
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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		
	If waste (s) contains any hazardous/toxic substance/radioactive materials or heavy metals, provide quantity, disposal data and proposed precautionary measures.						
	<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 52.1 µg/m ³ .		All parameters will be within limits after commissioning of the plant.	
				PM _{2.5} - 10.6 to 15.7 µg/m ³			
	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	Power supply: <ul style="list-style-type: none">Existing power requirement: 9000KVA, • Proposed power requirement: 20 MW DG sets: Number and capacity DG sets to be used (existing and proposed) : 750 KVA						
Green Belt Development	<ul style="list-style-type: none">Green belt area (Sq. m.): 33% of total landNumber and species of trees to be planted - Approximately 1600 trees per Ha will be planted in consultation with the local Forest DepartmentNumber, 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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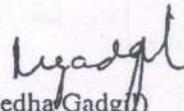
3. The proposal has been considered by SEIAA in its 73rd meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :

- (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: April to September 2024

S.No.	CONDITIONS	COMPLIANCE STATUS
I.	No additional land shall be used / acquired for any activity of the project without obtaining proper permission.	Noted and being complied. We have enough space to carry out the industrial operation. There is no need for additional land, but if we ever decide to expand, we will first obtain the necessary approval.
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. The industry is located adjacent to MIDC's land and the area does not come under the forestry or wildlife categories, hence don't require the NOC.
III.	For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distance in vulnerable areas of the plant shall be used.	Being Complied. To cut down on fugitive emissions, the factory has de-dusting, dust suppression, dust controllers, and collection systems in place, water is regularly sprayed on the entrance roads and internal roadways of the project site. The project site's surroundings are covered in vegetation, which acts as a barrier against dust and noise pollution.
IV.	PP has to abide the conditions stipulated by SEAC & SEIAA.	Noted & agreed.
V.	Regular monitoring of the air quality, including SPM & SO ₂ 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	Noted and being complied. Within a 10-kilometer radius of the project site, we regularly monitor the ambient air and work zone for the following parameters: NO _x , PM _{2.5} , PM ₁₀ , and SO ₂ . The monitoring results are well within the MoEF&CC-permitted level. Regular reports on EC Compliance and monitoring

	of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.	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 being complied. 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 dedicated team of housekeeping professionals has been appointed to ensure that the project site remains clean and organized. Their main purpose is to keep the site clear, clutter-free, and orderly. The project's smooth and effective operation is dependent on the team's consistent efforts to maintain things tidy and organized.
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 & being complied. 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)	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 being complied. Rainwater collection systems has been built to recharge groundwater, and stormwater drains may divert rainwater from numerous sources into a reservoir. The reservoir has the capacity to store the monsoon rains. Storing rainwater reduces the requirement for fresh water in plant operations.
XI.	Arrangement shall be made that effluent and storm water does not get mixed.	Complied. We have installed separate storm and domestic water drains to avoid mingling. Effluent is not generated from the process, water is required for cooling purposes only which gets settled and re-use again in the process of cooling.
XII.	Noise level shall be maintained as per standards. For people working in the high noise area.	Being complied. We have tried our hardest to maintain the noise level within reasonable bounds. The appropriate

	Requisite personal protective equipment like earplugs etc. shall be provided.	personal safety equipment, such as earplugs and ear muffs, has been given to every employee. The project site and its environs are continuously monitored for noise.
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.	Being complied. Plant noise levels can be kept considerably below the standards by using noise control methods, such as acoustic hoods, silencers, enclosures, etc., across all noise-emitting sources. For the D.G. set, an acoustic enclosure is added. To reduce friction, the machinery is regularly oiled, lubricated, and maintained. Every time, the measured noise levels are lower than what is acceptable.
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.	Being complied. According to the Forest Department, Government of Maharashtra circular no. SaVaVi-2019/C.R.3/F-11, dated June 25, 2019, we have planted native and indigenous trees like Karanj, Peepal, Neem, Jamun, and other suitable trees in 33% of the total land in accordance with the guidelines of the Meyawaki dense forest concept.
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 device shall also be installed at strategic places for early detection and warning.	Being complied. We have reduced the danger area inside the plant's borders by putting all necessary safety measures in place. In order to prepare staff for the unlikely event that a fire breaks out, periodic training sessions and simulated drills are held for both the office buildings and the furnace, which are equipped with full firefighting systems complete with fire extinguishers.
xvi.	Occupational health surveillance of the workers shall be done regular basis and record maintained as per Factories Act.	Being Complied. To provide optimal hygienic conditions inside the plant area, a department specifically focused on safety and the environment is established, and regular worker health inspections are carried out.
xvii.	The company shall make the arrangement for Protection of possible fire hazards during manufacturing process in material handling.	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.
xviii.	The project authorities must strictly comply with the rules and	Noted and agreed to comply. Agreed to comply in accordance with the

	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.	hazardous waste (Management and Handling) Rules, 2003 (amended).
xix.	The company shall undertake following waste minimization measures. Metering of quantities of active ingredients to minimize waste.	Noted & being complied. We use scrap of the highest productive quality and shred it into tiny pieces in an ongoing effort to reduce the waste produced by our activities.
	Reuse of by products from the process as raw materials or as raw material substitutes in other process.	Noted & being complied. Slag is generated by our manufacturing process, and we use some of it as sand for construction activities, while the rest is used to make bricks.
	Maximizing Recoveries.	Noted and being complied.
	Use of automated material transfer system to minimize spillage.	Being Complied. We have an automated scrap collection system that gathers scrap using magnets and promptly feeds it into the furnace.
xx.	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.	Being complied. Frequent safety training and mock drills are part of the emergency management plan for the location of operation. In case of an emergency, first aid facilities are provided on the project site.
xxi.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	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.	Complying with. We have set up a specific location for ash storage, and the ash is transported in a packed body vehicle.
xxiii.	Separate silos will be provided for collection and strong bottom ash and fly ash.	Complied it.
xxiv.	Separate funds shall be allocated for implementation of environmental protection measures/ EMP along with item wise breaks up these	Complied. We have allocated separate funds with the item-wise breakup and submitted them to the relevant authority.

	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 to the MPCB & this department.	Complied. We assure you that, The funds earmarked for environmental protection measures will not be diverted for another purpose.
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. 
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 1 st June & 1 st DEC of each calendar year.	Being Complied. We follow the conditions of the prior environmental clearance and timely submit six monthly compliance reports to MPCB and the MoEF&CC Regional Office.
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 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	Noted, The clearance copy is accessible on the industry website and has been forwarded to the local non-governmental organization and municipal corporation.

	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.	
xxx.	Six Monthly monitoring reports should be submitted to the regional office MOEF, Bhopal with copy to this department and MPCB.	Being Complied. We regularly provide the six monthly compliance reports in addition to the monitoring data.
xxxi.	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	Complied. We are submitting six monthly compliance report on time to MPCB and other relevant departments’.
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.



जाहीर प्रगटन
 मेटा रोलस अँड कमोडीटीज प्रा.ली.
 जालना या प्रगटनाद्वारे जाहीर सूचित
 करतो 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 सहायक 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)

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				

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.		



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 V

(See Rule 14)

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

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000068782

Submitted Date

31-08-2024

PART A

Company Information

Company Name

M/S: METAROLLS ISPAT PRIVATE LIMITED

Application UAN number

MPCB-CONSENT-0000117869

Address

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

Plot no

GUT NO: 48

Taluka

JALNA

Village

DAREGAON, ADJECENT TO ADDL. MIDC
JALNA

Capital Investment (In lakhs)

11726

Scale

L.S.I

City

JALNA

Pincode

431203

Person Name

D N 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

RO-AURANGABAD/CONSENT/2109000392

Consent Issue Date

2021-09-14

Consent Valid Upto

2026-06-30

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

TMT BARS /ROUND BARS, ANGLES CHANNELES AND STRUCTURAL STEELS

Consent Quantity Actual Quantity UOM

540000 147445.402 MT/A

By-product Information

By Product Name

NA

Consent Quantity

00

Actual Quantity

00

UOM

MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
	0.00	0.00
Cooling	200.00	65.00
Domestic	5.00	5.00
All others	5.00	5.00
Total	210.00	75.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
DOMESTCI	05	05	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
TMT BARS /ROUND BARS, ANGLES CHANNELES AND STRUCTURAL STEELS	0.7	0.5	CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
MS BILLETS	61564.860	150602.400	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
ELECTRICITY	00	63543.016	Mwh
COAL	43200	5055.365	MT/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
NA	00	00	00	00	00

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
	Quantity	Concentration	%variation	Standard	Reason
TOTAL PARTICULATE MATTER	00	46.5	00	100	Mg/Nm3
SO2	00	21.2	00	80	Mg/Nm3
NO2	00	23.4	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
MILL SCALE	1048	1270.888	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	00	00	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
MILL SCALE	1270.888	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

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

[B] Investment Proposed for next Year

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
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-0000068782

Submitted On:

31-08-2024



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 issue**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.



Your Service is Our Duty

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/24-25/04/AA/RE/1050	Report Issue Date	17/04/2024
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 12/04/2024 to 5:30 PM of 12/04/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	13/04/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Project Site	Dry bulb temperature	33°C
Wet bulb temperature	19°C	Relative Humidity	24 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	13/04/2024	End Date of Analysis	17/04/2024

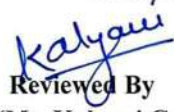
Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	12.6	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	67.4	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	45.6	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.1	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	7.94	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)	0.35	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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- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.


Reviewed By
(Ms. Kalyani Gore)




Authorized Signatory
(Mr. Abhishek Tope)

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

Page 1 of 1

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/04/AA/RE/1051	Report Issue Date	17/04/2024
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 12/04/2024 to 5:40 PM of 12/04/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	13/04/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Chandanzira Village	Dry bulb temperature	33°C
Wet bulb temperature	19°C	Relative Humidity	25 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	13/04/2024	End Date of Analysis	17/04/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	11.2	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	65.8	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	43.2	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	10.4	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.59	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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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/24-25/04/AA/RE/1052	Report Issue Date	17/04/2024
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 9:50 AM of 12/04/2024 to 5:50 PM of 12/04/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	13/04/2024
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	26%
Sampling done by	Excell Enviro Services		
Start Date of Analysis	13/04/2024	End Date of Analysis	17/04/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	11.6	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	16.2	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	64.9	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	45.3	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.4	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.27	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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(Ms. Kalyani Gore)



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(Mr. Abhishek Tope)

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Certifications :

ISO 9001 : 2015

ISO 14001 : 2015

ISO 45001 : 2018

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/04/AA/RE/1053	Report Issue Date	17/04/2024
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 12/04/2024 to 6:00 PM of 12/04/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	13/04/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Daregaon Village	Dry bulb temperature	32°C
Wet bulb temperature	19°C	Relative Humidity	26 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	13/04/2024	End Date of Analysis	17/04/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	11.6	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	15.2	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	64.7	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	43.9	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.8	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.64	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

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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/05/AA/RE/1076	Report Issue Date	18/05/2024
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 13/05/2024 to 5:15 PM of 13/05/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	14/05/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Project Site	Dry bulb temperature	35°C
Wet bulb temperature	19°C	Relative Humidity	21 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	14/05/2024	End Date of Analysis	18/05/2024

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)	17.3	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	68.4	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	45.6	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)	7.34	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

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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/05/AA/RE/1077	Report Issue Date	18/05/2024
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 13/05/2024 to 5:25 PM of 13/05/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	14/05/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Chandanzira Village	Dry bulb temperature	34 ⁰ C
Wet bulb temperature	19 ⁰ C	Relative Humidity	23 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	14/05/2024	End Date of Analysis	18/05/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	10.5	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	15.2	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}	47.7	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.5	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.19	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

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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/05/AA/RE/1078	Report Issue Date	18/05/2024
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 13/05/2024 to 5:35 PM of 13/05/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	14/05/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Nagewadi Village	Dry bulb temperature	34°C
Wet bulb temperature	19°C	Relative Humidity	22 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	14/05/2024	End Date of Analysis	18/05/2024


Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	11.3	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	18.2	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	66.4	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	45.9	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.4	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.15	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

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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/05/AA/RE/1079	Report Issue Date	18/05/2024
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 9:45 AM of 13/05/2024 to 5:45 PM of 13/05/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	14/05/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Daregaon Village	Dry bulb temperature	33°C
Wet bulb temperature	19°C	Relative Humidity	21 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	14/05/2024	End Date of Analysis	18/05/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	9.5	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	13.7	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}	44.8	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.2	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.27	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

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Certifications :

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ISO 14001 : 2015

ISO 45001 : 2018

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/06/AA/RE/779	Report Issue Date	12/06/2024
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 07/06/2024 to 5:15 PM of 07/06/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	08/06/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Project Site	Dry bulb temperature	30°C
Wet bulb temperature	21°C	Relative Humidity	36 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	08/06/2024	End Date of Analysis	12/06/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	11.3	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	15.4	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	61.2	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	36.9	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.7	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.27	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

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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/06/AA/RE/780	Report Issue Date	12/06/2024
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 07/06/2024 to 5:25 PM of 07/06/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	08/06/2024
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	36 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	08/06/2024	End Date of Analysis	12/06/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	10.3	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	14.9	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	58.7	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	39.6	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.4	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.57	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

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Certifications :

ISO 9001 : 2015

ISO 14001 : 2015

ISO 45001 : 2018

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/06/AA/RE/781	Report Issue Date	12/06/2024
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 07/06/2024 to 5:35 PM of 07/06/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	08/06/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Nagewadi Village	Dry bulb temperature	29°C
Wet bulb temperature	21°C	Relative Humidity	39 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	08/06/2024	End Date of Analysis	12/06/2024

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)	17.3	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}	37.5	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)	5.48	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

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Certifications :

ISO 9001 : 2015

ISO 14001 : 2015

ISO 45001 : 2018

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/06/AA/RE/782	Report Issue Date	12/06/2024
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 9:45 AM of 07/06/2024 to 5:45 PM of 07/06/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	08/06/2024
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	36 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	08/06/2024	End Date of Analysis	12/06/2024

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)	14.3	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}	34.7	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.5	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.64	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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Reviewed By
(Ms. Kalyani Gore)



Abhishek
Authorized Signatory
(Mr. Abhishek Tope)

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TEST REPORT

Report No.	NLES/24-25/06/NI/RE/783	Report Issue Date	12/06/2024
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 Air		
Sample Name	Ambient Noise		
Date of Sampling	07/06/2024		
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	65.9	53.8	Day Time = 75 dB Night Time =70 dB
2	Admin Office	55.6	41.4	


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

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Certifications :

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TEST REPORT (Stack Emission)

Report No.	NLES/24-25/06/ST/RE/784	Report Issue Date	12/06/2024
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	07/06/2024	Sampling Location	Induction Furnace
Date of receipt of sample in lab	08/06/2024	Sampling duration	30 Min
Sampling done by	Excell Enviro Services	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	08/06/2024	End Date of Analysis	12/06/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	56	°C	--	--
2	Differential Pressure	3.7	mm WG		
3	Velocity	6.65	M/s		
4	Total Particulate Matter	38.7	mg/Nm3	≤ 100	IS 11255 (Part 1)
5	Sulphur Dioxide (SO ₂)	15.3	mg/Nm3	N.S.	IS 11255 (Part 2)
6	Sulphur Dioxide (SO ₂)	0.26	Kg/day	N.S.	IS 11255 (Part 2)
7	Oxides of Nitrogen (Nox)	22.4	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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TEST REPORT

Report No:	NLES/24-25/06/WZ/RE/785	Report Issue Date	12/06/2024
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	07/06/2024
Sampling done by	Excell Enviro Services		

Results

Sr. No.	Locations	dB(A)	Specifications (The Factories Act 1948, standards)	Method
1.	Furnace Shed	79.2	≤90	CPCB Guideline
2.	Rolling Mill Shed	82.4		


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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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/07/AA/RE/973	Report Issue Date	20/07/2024
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 9:00 AM of 15/07/2024 to 5:00 PM of 15/07/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	16/07/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Project Site	Dry bulb temperature	27°C
Wet bulb temperature	23°C	Relative Humidity	73 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	16/07/2024	End Date of Analysis	20/07/2024

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)	15.8	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	48.4	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	27.6	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.2	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.34	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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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/07/AA/RE/974	Report Issue Date	20/07/2024
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 9:10 AM of 15/07/2024 to 5:10 PM of 15/07/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	16/07/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Chandanzira Village	Dry bulb temperature	27°C
Wet bulb temperature	23°C	Relative Humidity	75 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	16/07/2024	End Date of Analysis	20/07/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	11.2	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	14.6	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	46.9	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	27.5	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)	5.45	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)	0.18	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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*****End of Report*****

TEST REPORT (Ambient Air)

TEST REPORT (Ambient Air)					
Report No.		NLES/24-25/07/AA/RE/975		Report Issue Date	20/07/2024
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 9:20 AM of 15/07/2024 to 5:20 PM of 15/07/2024 (8 hrs)
Group		Atmospheric Pollution	Date of receipt of sample in lab		16/07/2024
Sub Group		Ambient Air	Sampling Procedure		IS 5182 Part 5
Sampling Location		Nagewadi Village	Dry bulb temperature		27 ⁰ C
Wet bulb temperature		23 ⁰ C	Relative Humidity		74 %
Sampling done by		Excell Enviro Services			
Start Date of Analysis		16/07/2024	End Date of Analysis		20/07/2024
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)	15.8	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	47.3	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	28.5	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.6	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	6.12	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)	0.24	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)

Report No.	NLES/24-25/07/AA/RE/976	Report Issue Date	20/07/2024
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 15/07/2024 to 5:30 PM of 15/07/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	16/07/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Daregaon Village	Dry bulb temperature	27°C
Wet bulb temperature	23°C	Relative Humidity	75 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	16/07/2024	End Date of Analysis	20/07/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	11.8	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	15.3	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	47.3	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)	11.5	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.27	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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TEST REPORT

Report No.	NLES/24-25/07/W/RE/977	Report Issue Date	20/07/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date of Sample Collection	15/07/2024
Group	Water	Date of receipt of sample in lab	16/07/2024
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	16/07/2024	End Date of Analysis	20/07/2024

Results


Sr. No.	Parameters	Unit(s)	Results	Methods
PHYSICAL PARAMETERS				
1	Odour	-	Agreeable	IS 3025 Part-5
2	pH at 25 ⁰ C	-	7.59	APHA 4500 H+ A, 23 rd Ed. 2017
3	Turbidity	NTU	1.78	IS 3025 Part-10
4	Total Dissolved Solids	mg/l	592	APHA 2540 C, 23 rd Ed. 2017
5	Ammonical Nitrogen as N	mg/l	0.34	APHA 4500 NH3, 23 rd Ed. 2017.
6	Calcium (as Ca)	mg/l	82.6	APHA 3500 Ca B, 23 rd Ed. 2017
7	Chloride (as Cl)	mg/l	111.5	APHA 4500 Cl ⁻ B 23 rd Ed. 2017
8	Fluoride (as F)	mg/l	0.76	APHA 4500 F ⁻ D 23 rd Ed. 2017
9	Residual Chlorine	mg/l	<0.30	IS 3025 Part 26 (Rev.1, RA 2014)
10	Magnesium (as Mg)	mg/l	25.8	APHA 3500 Mg A, 23 rd Ed. 2017
11	Nitrate (as NO ₃)	mg/l	4.12	APHA 4500 NO3- B 23 rd Ed. 2017
12	Sulphate (as SO ₄)	mg/l	52.3	APHA 4500 SO4 E, 23 rd Ed. 2017
13	Total Alkalinity (as CaCO ₃)	mg/l	249.7	APHA 2320 B, 23 rd Ed. 2017
14	Total Hardness (as CaCO ₃)	mg/l	326.3	APHA 2340 B, 23 rd Ed. 2017
15	Iron (as Fe)	mg/l	0.44	APHA 3500 Fe B ,23 rd Ed. 2017
16	Colour	Hazen	1.0	IS 3025 (Part-4)

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TEST REPORT

Report No.	NLES/24-25/07/W/RE/978	Report Issue Date	20/07/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date of Sample Collection	15/07/2024
Group	Water	Date of receipt of sample in lab	16/07/2024
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	16/07/2024	End Date of Analysis	20/07/2024

Results


Sr. No.	Parameters	Unit(s)	Results	Methods
PHYSICAL PARAMETERS				
1	Odour	-	Agreeable	IS 3025 Part-5
2	pH at 25°C	-	7.86	APHA 4500 H+ A, 23 rd Ed. 2017
3	Turbidity	NTU	3.72	IS 3025 Part-10
4	Total Dissolved Solids	mg/l	449	APHA 2540 C, 23 rd Ed. 2017
5	Ammonical Nitrogen as N	mg/l	0.22	APHA 4500 NH3, 23 rd Ed. 2017.
6	Calcium (as Ca)	mg/l	75.6	APHA 3500 Ca B, 23 rd Ed. 2017
7	Chloride (as Cl)	mg/l	118.4	APHA 4500 Cl ⁻ - B 23 rd Ed. 2017
8	Fluoride (as F)	mg/l	0.51	APHA 4500 F ⁻ - D 23 rd Ed. 2017
9	Residual Chlorine	mg/l	<0.30	IS 3025 Part 26 (Rev.1, RA 2014)
10	Magnesium (as Mg)	mg/l	26.9	APHA 3500 Mg A, 23 rd Ed. 2017
11	Nitrate (as NO ₃)	mg/l	3.78	APHA 4500 NO3- B 23 rd Ed. 2017
12	Sulphate (as SO ₄)	mg/l	46.3	APHA 4500 SO4 E, 23 rd Ed. 2017
13	Total Alkalinity (as CaCO ₃)	mg/l	251.8	APHA 2320 B, 23 rd Ed. 2017
14	Total Hardness (as CaCO ₃)	mg/l	286.7	APHA 2340 B, 23 rd Ed. 2017
15	Iron (as Fe)	mg/l	0.24	APHA 3500 Fe B ,23 rd Ed. 2017
16	Colour	Hazen	1.0	IS 3025 (Part-4)

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ISO 14001 : 2015

ISO 45001 : 2018

TEST REPORT


Report No.	NLES/24-25/07/W/RE/979	Report Issue Date	20/07/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date of Sample Collection	15/07/2024
Group	Water	Date of receipt of sample in lab	16/07/2024
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	16/07/2024	End Date of Analysis	20/07/2024

Results


Sr. No.	Parameters	Unit(s)	Results	Methods
PHYSICAL PARAMETERS				
1	Odour	-	Agreeable	IS 3025 Part-5
2	pH at 25 ⁰ C	-	6.85	APHA 4500 H+ A, 23 rd Ed. 2017
3	Turbidity	NTU	0.49	IS 3025 Part-10
4	Total Dissolved Solids	mg/l	478	APHA 2540 C, 23 rd Ed. 2017
5	Ammonical Nitrogen as N	mg/l	0.15	APHA 4500 NH3, 23 rd Ed. 2017.
6	Calcium (as Ca)	mg/l	63.9	APHA 3500 Ca B, 23 rd Ed. 2017
7	Chloride (as Cl)	mg/l	110.5	APHA 4500 Cl ⁻ B 23 rd Ed. 2017
8	Fluoride (as F)	mg/l	0.48	APHA 4500 F ⁻ D 23 rd Ed. 2017
9	Residual Chlorine	mg/l	<0.30	IS 3025 Part 26 (Rev.1, RA 2014)
10	Magnesium (as Mg)	mg/l	27.5	APHA 3500 Mg A, 23 rd Ed. 2017
11	Nitrate (as NO ₃)	mg/l	2.89	APHA 4500 NO3- B 23 rd Ed. 2017
12	Sulphate (as SO ₄)	mg/l	57.6	APHA 4500 SO4 E, 23 rd Ed. 2017
13	Total Alkalinity (as CaCO ₃)	mg/l	242.3	APHA 2320 B, 23 rd Ed. 2017
14	Total Hardness (as CaCO ₃)	mg/l	281.8	APHA 2340 B, 23 rd Ed. 2017
15	Iron (as Fe)	mg/l	0.26	APHA 3500 Fe B, 23 rd Ed. 2017
16	Colour	Hazen	1.0	IS 3025 (Part-4)

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TEST REPORT

Report No.	NLES/24-25/07/W/RE/980	Report Issue Date	20/07/2024
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	Date of Sample Collection	15/07/2024
Group	Water	Date of receipt of sample in lab	16/07/2024
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	16/07/2024	End Date of Analysis	20/07/2024

Results


Sr. No.	Parameters	Unit(s)	Results	Methods
PHYSICAL PARAMETERS				
1	Odour	-	Agreeable	IS 3025 Part-5
2	pH at 25°C	-	7.94	APHA 4500 H+ A, 23 rd Ed. 2017
3	Turbidity	NTU	0.58	IS 3025 Part-10
4	Total Dissolved Solids	mg/l	492	APHA 2540 C, 23 rd Ed. 2017
5	Ammonical Nitrogen as N	mg/l	0.19	APHA 4500 NH3, 23 rd Ed. 2017.
6	Calcium (as Ca)	mg/l	72.3	APHA 3500 Ca B, 23 rd Ed. 2017
7	Chloride (as Cl)	mg/l	113.4	APHA 4500 Cl ⁻ B 23 rd Ed. 2017
8	Fluoride (as F)	mg/l	0.35	APHA 4500 F ⁻ D 23 rd Ed. 2017
9	Residual Chlorine	mg/l	<0.30	IS 3025 Part 26 (Rev.1, RA 2014)
10	Magnesium (as Mg)	mg/l	33.2	APHA 3500 Mg A, 23 rd Ed. 2017
11	Nitrate (as NO ₃)	mg/l	5.64	APHA 4500 NO ₃ - B 23 rd Ed. 2017
12	Sulphate (as SO ₄)	mg/l	55.8	APHA 4500 SO ₄ E, 23 rd Ed. 2017
13	Total Alkalinity (as CaCO ₃)	mg/l	184.9	APHA 2320 B, 23 rd Ed. 2017
14	Total Hardness (as CaCO ₃)	mg/l	290.3	APHA 2340 B, 23 rd Ed. 2017
15	Iron (as Fe)	mg/l	0.28	APHA 3500 Fe B, 23 rd Ed. 2017
16	Colour	Hazen	1.0	IS 3025 (Part-4)

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TEST REPORT

Report No.	NLES/24-25/07/SI/RE/981	Report Issue Date	20/07/2024	
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.			
Discipline	Chemical	Date of Sample Collection	15/07/2024	
Group	Pollution & Environment	Date of receipt of sample in lab	16/07/2024	
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	16/07/2024	End Date of Analysis	20/07/2024	
Results				
Sr. No.	Parameters	Units	Results	Methods
1	Colour	--	Black	Manual of Soil Testing
2	pH	--	7.83	Manual of Soil Testing
3	Electrical Conductivity	µs/Cm	345.7	
4	Chloride as Cl ⁻	mg/Kg	56.8	
5	Sulphate as SO4 ²⁻	mg/Kg	35.2	
6	Iron as Fe	mg/Kg	0.72	
7	Available Sodium as Na	mg/Kg	33.5	FAO, Sec. II-I
8	Available Potassium as K	mg/Kg	34.8	IS :2720 P-17/36
9	Available Phosphorous as PO4	Kg/ha	59.7	IS 14765
10	Calcium as Ca	mg/Kg	26.9	Manual of Soil Testing
11	Magnesium as Mg	mg/Kg	18.4	IS 2720 (Part 26)
12	Water Holding Capacity	%	57.5	IS 14767
14	Bulk Density	g/cm3	1.29	Manual of Soil Testing
15	Water Content/Moisture	%	42.3	Manual of Soil Testing
16	Texture	--	Clay	Manual of Soil Testing
17	Lead	mg/Kg	0.53	EPA 3050 B

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TEST REPORT

Report No.	NLES/24-25/07/SI/RE/982	Report Issue Date	20/07/2024	
Name and Address of Customer	M/s.Metarolls Ispat Pvt.Ltd. Gut No.48, Adjacent to MIDC Phase-II,Daregaon,Jalna.			
Discipline	Chemical	Date of Sample Collection	15/07/2024	
Group	Pollution & Environment	Date of receipt of sample in lab	16/07/2024	
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	16/07/2024	End Date of Analysis	20/07/2024	
Results				
Sr. No.	Parameters	Units	Results	Methods
1	Colour	--	Black	Manual of Soil Testing
2	pH	--	7.78	Manual of Soil Testing
3	Electrical Conductivity	µs/Cm	376.5	
4	Chloride as Cl ⁻	mg/Kg	49.4	
5	Sulphate as SO4 ²⁻	mg/Kg	29.3	
6	Iron as Fe	mg/Kg	0.74	
7	Available Sodium as Na	mg/Kg	25.9	FAO, Sec. II-I
8	Available Potassium as K	mg/Kg	28.7	IS :2720 P-17/36
9	Available Phosphorous as PO4	Kg/ha	53.9	IS 14765
10	Calcium as Ca	mg/Kg	28.6	Manual of Soil Testing
11	Magnesium as Mg	mg/Kg	18.5	IS 2720 (Part 26)
12	Water Holding Capacity	%	49.0	IS 14767:
14	Bulk Density	g/cm3	1.21	Manual of Soil Testing
15	Water Content/Moisture	%	43.9	Manual of Soil Testing
16	Texture	--	Clay	Manual of Soil Testing
17	Lead	mg/Kg	0.15	EPA 3050 B

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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/08/AA/RE/961	Report Issue Date	14/08/2024
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 9:00 AM of 09/08/2024 to 5:00 PM of 09/08/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	10/08/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Project Site	Dry bulb temperature	27°C
Wet bulb temperature	23°C	Relative Humidity	75 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	10/08/2024	End Date of Analysis	14/08/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	11.3	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	15.7	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	48.2	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)	11.5	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.6	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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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/08/AA/RE/962	Report Issue Date	14/08/2024
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 9:10 AM of 09/08/2024 to 5:10 PM of 09/08/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	10/08/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Chandanzira Village	Dry bulb temperature	27°C
Wet bulb temperature	24°C	Relative Humidity	75 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	10/08/2024	End Date of Analysis	14/08/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	11.1	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	16.3	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	45.8	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	29.7	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.5	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.67	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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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/08/AA/RE/963	Report Issue Date	14/08/2024
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 9:20 AM of 09/08/2024 to 5:20 PM of 09/08/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	10/08/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Nagewadi Village	Dry bulb temperature	27°C
Wet bulb temperature	24°C	Relative Humidity	75 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	10/08/2024	End Date of Analysis	14/08/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	9.7	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	48.9	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	25.6	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)	6.7	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

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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/08/AA/RE/964	Report Issue Date	14/08/2024
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 09/08/2024 to 5:30 PM of 09/08/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	10/08/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Daregaon Village	Dry bulb temperature	27°C
Wet bulb temperature	23°C	Relative Humidity	76 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	10/08/2024	End Date of Analysis	14/08/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	10.7	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	47.4	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	26.9	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	12.5	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)	0.23	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


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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/09/AA/RE/1383	Report Issue Date	17/09/2024
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 12/09/2024 to 5:15 PM of 12/09/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	13/09/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Project Site	Dry bulb temperature	27°C
Wet bulb temperature	24°C	Relative Humidity	78 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	13/09/2024	End Date of Analysis	17/09/2024


Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	8.91	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	14.5	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	53.8	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)	11.4	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.34	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


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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/09/AA/RE/1384	Report Issue Date	17/09/2024
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 12/09/2024 to 5:25 PM of 12/09/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	13/09/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Chandanzira Village	Dry bulb temperature	27°C
Wet bulb temperature	24°C	Relative Humidity	78 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	13/09/2024	End Date of Analysis	17/09/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	10.6	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	13.7	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	49.5	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	28.7	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)	5.45	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)	0.26	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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Kalyani
Reviewed By
(Ms. Kalyani Gore)



Abhishek
Authorized Signatory
(Mr. Abhishek Tope)

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

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

TEST REPORT (Ambient Air)

Report No.	NLES/24-25/09/AA/RE/1385	Report Issue Date	17/09/2024
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 12/09/2024 to 5:35 PM of 12/09/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	13/09/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Nagewadi Village	Dry bulb temperature	27°C
Wet bulb temperature	24°C	Relative Humidity	75%
Sampling done by	Excell Enviro Services		
Start Date of Analysis	13/09/2024	End Date of Analysis	17/09/2024


Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO ₂)	11.6	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO ₂)	15.2	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	48.3	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	27.2	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	11.7	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.19	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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TEST REPORT (Ambient Air)

Report No.	NLES/24-25/09/AA/RE/1386	Report Issue Date	17/09/2024
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 9:45 AM of 12/09/2024 to 5:45 PM of 12/09/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	13/09/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Daregaon Village	Dry bulb temperature	27°C
Wet bulb temperature	23°C	Relative Humidity	75 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	13/09/2024	End Date of Analysis	17/09/2024

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)	15.4	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	47.3	µg/m ³	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM _{2.5}	33.4	µg/m ³	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O ₃)	12.1	µg/m ³	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH ₃)	5.61	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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TEST REPORT

Report No.	NLES/24-25/09/NI/RE/1387	Report Issue Date	17/09/2024
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 Air		
Sample Name	Ambient Noise		
Date of Sampling	12/09/2024		
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	62.4	51.6	Day Time = 75 dB Night Time =70 dB
2	Admin Office	53.8	40.3	


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

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TEST REPORT (Stack Emission)

Report No.	NLES/24-25/09/ST/RE/1388	Report Issue Date	17/09/2024
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	12/09/2024	Sampling Location	Induction Furnace
Date of receipt of sample in lab	13/09/2024	Sampling duration	30 Min
Sampling done by	Excell Enviro Services	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	13/09/2024	End Date of Analysis	17/09/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	52	°C	--	--
2	Differential Pressure	3.6	mm WG		
3	Velocity	6.62	M/s		
4	Total Particulate Matter	37.3	mg/Nm3	≤ 100	IS 11255 (Part 1)
5	Sulphur Dioxide (SO ₂)	16.4	mg/Nm3	N.S.	IS 11255 (Part 2)
6	Sulphur Dioxide (SO ₂)	0.22	Kg/day	N.S.	IS 11255 (Part 2)
7	Oxides of Nitrogen (Nox)	15.9	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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ISO 14001 : 2015

ISO 45001 : 2018

TEST REPORT

Report No:	NLES/24-25/09/WZ/RE/1389	Report Issue Date	17/09/2024
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	12/09/2024
Sampling done by	Excell Enviro Services		

Results

Sr. No.	Locations	dB(A)	Specifications (The Factories Act 1948, standards)	Method
1.	Furnace Shed	81.4	≤90	CPCB Guideline
2.	Rolling Mill Shed	76.7		

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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