Metaroll® TMT

THE POWER OF STEEL

Ref. No.:

Date: 08/05/2024

To,

The Regional Officer,

Ministry of Environment, Forest & Climate Change,

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

New Secretariat Building, Civil Lines,

Nagpur, Maharashtra - 440001

Subject: Submission of Six Monthly Environmental Clearance Compliance for October to March 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: October to March 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 **October to march 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.

8/5/24

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.

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	• Yes • 62nd meeting of the SEAC held on 6th to 8th November, 2012

<table>
<tr><td>meeting)</td><td></td></tr>
<tr><td>Estimated capital cost of the project: (including cost of land, building, plant and machinery separately)</td><td>Existing plant : Rs 1452 lacs.
Proposed Investment: Rs 9852 lacs.
Total after expansion: Rs.11394 lacs.</td></tr>
<tr><td>Location details of the project:</td><td>1. Latitude - 19^{0}50'36.69"N
2. Longitude - 75^{0}50'32.23"E
3. Location- Adjacent to MIDC Phase II Daregaon, Jalna in Maharashtra
4. Elevation above Mean Sea Level (meters) – 534 m</td></tr>
<tr><td>Distance from protected Areas /Critically Polluted areas/ Eco-sensitive areas</td><td>No critically polluted area, No National Parks/Wild life Sanctuary within 10 km radius.</td></tr>
<tr><td>Raw materials (including process chemicals, catalysts, & additives).</td><td><table>
<tr><td>Sr. No</td><td>Name of the Product</td><td>Raw Material</td><td>Requirement</td></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></td></tr>
<tr><td>Production details</td><td><table>
<tr><td>Name of the Product</td><td>Existing Capacity TPM</td><td>Proposed Capacity TPM</td><td>Total Capacity TPM</td></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></td></tr>
<tr><td>Process details / manufacturing details</td><td>M.S. Billets Plant and Rolling mill. The copy of the EIA is enclosed as Annexure I</td></tr>
<tr><td>Rain Water Harvesting (RWH)</td><td>• Level of the Ground water table
• Size and no. of RWH tank (s) and Quantity
• Location of RWH tank (s)
• Size, nos. of recharge pits and Quantity
• Budgetary allocation (Capital cost and O&M cost)</td></tr>
<tr><td>Total Water Requirement</td><td>Total water requirement:
• Fresh water (CMD): 200 m^3/day & Source – Captive bore well
• Recycled water (CMD): 90 m^3/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</td></tr>
<tr><td>Storm water drainage</td><td>• Natural water drainage pattern - Quantity of storm water
• Size of SWD</td></tr>
<tr><td>Sewage generation and treatment</td><td>• Amount of sewage generation (CMD) - 2 m^3/day
• Proposed treatment for the sewage – Sewage will be treated in septic tank followed by soak pit
• Capacity of the STP (CMD) (If applicable) - NA</td></tr>
<tr><td>Solid waste Management:</td><td><table>
<tr><td>Sr.</td><td>Source</td><td>Qty (TPM)</td><td>Composition</td></tr>
<tr><td>1.</td><td>Raw water</td><td>Nil</td><td></td></tr>
</table></td></tr>
</table>

	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.

- 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	1st	30 m	1.6 m	-		50° C

Ambient Air Quality Data

Pollutant	Permissible Standard	Predicted Concentration (in $\mu g/m^3$)	Remarks
SPM	PM_{10} - 100 $\mu g/m^3$, $PM_{2.5}$ – 60 $\mu g/m^3$	PM_{10}- 30.1 to 52.1 $\mu g/m^3$.	All parameters will be within limits after commissioning of the plant.
		$PM_{2.5}$-10.6 to 15.7 $\mu g/m^3$	
SO_2	80 $\mu g/m^3$	SO_2 - 7.2 to 12.7 $\mu g/m^3$	
NO_x	80 $\mu g/m^3$	NO_x - 8.2 to 15.8 $\mu g/m^3$	
CO	4 mg/m^3	-	

Energy

Power supply:

• 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

- Green belt area (Sq. m.): 33% of total land
- Number and species of trees to be planted - Approximately 1600 trees per Ha will be planted in consultation with the local Forest Department
- Number, size, age and species of trees to be cut, trees to be transplanted

<table>
<tr><td>Details of Pollution Control Systems:</td><td>
<table>
<tr><td>Sr. No.</td><td></td><td>Existing pollution control system</td><td>Proposed to be installed</td></tr>
<tr><td>i.</td><td>Air</td><td>Ventuary scrubber followed by stack of 30 mt height.</td><td>Ventuary scrubber followed by stack of 30 mt height.</td></tr>
<tr><td>ii.</td><td>Water</td><td>Settling Tank</td><td>Settling Tank</td></tr>
<tr><td>iii.</td><td>Noise</td><td>Ear muffs/ear plugs are provided to the workers, Acoustic laggings and silencers are provided in equipment</td><td>Ear muffs/ear plugs will be provided to the workers, Acoustic laggings and silencers will be provided in equipment</td></tr>
<tr><td>iv)</td><td>Solid Waste</td><td>Slag Crusher</td><td>Slag Crusher</td></tr>
</table>
</td></tr>
<tr><td>Environmental Management Plan Budgetary Allocation</td><td>
<table>
<tr><td>Sr.No.</td><td></td><td>Recurring Cost per annum in Rs.</td><td>Capital cost in Rs.</td></tr>
<tr><td>1.</td><td>Air Pollution Control</td><td>0.5 Cr.</td><td>2.5 Cr.</td></tr>
<tr><td>2.</td><td>Water Pollution Control</td><td>0.05 Cr.</td><td>0.40 Cr.</td></tr>
<tr><td>3.</td><td>Noise Pollution Control</td><td>-</td><td>-</td></tr>
<tr><td>4.</td><td>Environment Monitoring and Management</td><td>0.03 Cr</td><td>0.05 Cr.</td></tr>
<tr><td>5.</td><td>Reclamation borrow/mined area (If applicable)</td><td>-</td><td>-</td></tr>
<tr><td>6.</td><td>Occupational Health</td><td></td><td></td></tr>
<tr><td>7.</td><td>Green Belt</td><td>0.07 Cr.</td><td>0.10 Cr</td></tr>
<tr><td>8.</td><td>Solid waste management</td><td>0.1 Cr.</td><td>0.50 Cr.</td></tr>
<tr><td>9.</td><td>Rain water harvesting</td><td>0.10 Cr.</td><td>0.80 Cr</td></tr>
<tr><td>10</td><td>Environmental Study and devices</td><td>0.05 Cr</td><td>0.15 Cr.</td></tr>
<tr><td colspan="2">Total</td><td>Rs. 0.90 Cr.</td><td>Rs. 4.50 Crores</td></tr>
</table>
</td></tr>
<tr><td>EIA Submitted (If yes then submit the salient features)</td><td>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</td></tr>
<tr><td>Public Hearing report (If public hearing conducted then submit the salient features)</td><td>• 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</td></tr>
</table>

	• Objection(s) / Suggestion(s) if any: Minutes of Public hearing is attached in EIA report.

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 confirm 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. SO_2, NOx (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: Ferrous & Non-Ferrous B_1

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

EC Compliance Period: October to March 2024

Sr.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 are having the sufficient space to carry out the industrial operation, because there is ample space for it. No more land is needed, but in case of any expansion we will take firstly the proper permission.
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.** Our industry is located next to MIDC land; therefore, a NOC is not required because of the industry's closest proximity to MIDC land and because the area does not fall under the forestry or wildlife categories.
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.** The factory has de-dusting, dust suppression, and dust controllers and collecting systems in place to reduce fugitive emissions. Water is frequently sprayed on the project site's internal roadways and access road to reduce dust. Plants cover the surrounding area of the project site, providing a buffer against noise pollution and dust dispersal.
IV.	PP has to abide the conditions stipulated by SEAC & SEIAA.	**Noted & agreed.**
V.	Regular monitoring of the air quality, including SPM & S02 levels both in work zone and ambient air shall be carried out in and around the power plant records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board	**Noted and being complied.** We regularly monitor the work zone and ambient air within a 10-kilometer radius around the project site for the following criteria: PM_{10}, $PM_{2.5}$, SO_2, and NOx levels. The monitoring results fall well within the allowed limit set by the MoEF&CC. Reports on EC Compliance and monitoring outcomes are

	(MPCB) & submit report accordingly to MPCB.	regularly sent to the MPCB Sub Regional Office and the MoEF&CC.
VI.	Necessary arrangements shall be made for adequate safety and ventilation arrangement in furnace area.	**Noted and being complied.** We are taking all necessary measures to guarantee that the risk zone stays inside the plant's boundaries. A fire extinguisher and a comprehensive firefighting system are installed at the office and furnace areas. To keep any air from building up, the furnace area has enough ventilation.
VII.	A proper Housekeeping program shall be implemented.	**Noted and being complied**. To maintain a clean and organized atmosphere at the project site, a dedicated team of housekeeping staff has been assigned. Making sure the site is kept tidy, clutter-free, and orderly is their main goal. The smooth and effective running of the project depends on the team's persistent efforts to keep everything tidy and well-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 designated pollution control systems malfunction, the unit will shut off right away and won't start again until the necessary efficiency is reached.
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.** In accordance with CPCB regulations, the correct stack height has been provided, and an acoustic enclosure has been installed on DG set stacks to lessen noise production.
X.	A detailed scheme for rainwater harvesting shall be prepared and implement to recharge ground water.	**Noted and being complied.** Rainwater collecting infrastructure has been constructed to replenish groundwater, and storm water drains are available to direct rainfall from multiple locations into a reservoir. The reservoir has sufficient capacity to store all of the rainfall from the monsoon. The amount of fresh water needed for plant operations is decreased when stored rainfall is used.
XI.	Arrangement shall be made that effluent and storm water does not get mixed.	**Complied.** To prevent mixing, we have provided separate drains for storm and domestic water. Only domestic water is produced as effluent from the current plant operations, and that water is treated in a sewage treatment plant.
XII.	Noise level shall be maintained as per standards. For people working in the high noise area. Requisite personal	Being complied. By making our best efforts, we have managed to keep the noise level within acceptable

	protective equipment like earplugs etc. shall be provided.	boundaries. All personnel have been provided with the necessary personal protective equipment, like earplugs and ear muffs. Continuous noise monitoring is conducted at the project site and its surroundings.
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 confirm to the standards prescribe under Environment (protection) Act 1986 Rules, 1989.	**Being complied.** Utilizing noise control mechanisms, such as acoustic hoods, silencers, enclosures, etc., across all noise-emitting sources, aids in keeping the plant's overall noise levels well below the prescribed regulations. An acoustic enclosure is installed for the D.G set. Regular maintenance, lubrication, and oiling of the equipment are carried out to prevent friction. The measured noise levels consistently fall below the permissible threshold.
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 consolation with the local DFO/ Agriculture Dept.	**Being complied**. As per the guidelines of the Meyawaki dense forest concept, we have planted native and indigenous trees like Karanj, Peepal, Neem, Jamun, and other suitable trees in 33% of the total land, as per the Forest Department, Government of Maharashtra circular no. SaVaVi-2019/C.R.3/F-11, dated June 25, 2019.
xv.	Adequate safety measures shall be provided to limits the risk zone within the plant boundary, in case of an accident. Smoke and heat detection device shall also be installed at strategic places for early detection and warning.	**Being complied.** We have implemented all required safety measures to lessen the danger area within the plant's boundaries. Both the office buildings and the furnace have complete firefighting systems with fire extinguishers, and employees receive frequent training and simulated drills to prepare them for the unlikely event that a fire breaks out.
xvi.	Occupational health surveillance of the workers shall be done regular basis and record maintained as per Factories Act.	**Being Complied.** In order to provide the best hygienic conditions inside the plant area, a department dedicated to safety and the environment is established, and worker health examinations are conducted on a regular basis.
xvii.	The company shall make the arrangement for Protection of possible fire hazards during manufacturing process in material handling.	**Complied.** In order to prevent any fire hazards during manufacturing and material handling, fire hydrants and firefighting equipment have been installed. We also regularly conduct safety training for staff members to keep them informed about the most recent advancements in protection measures.

xviii.	The project authorities must strictly comply with the rules and regulation with regard to the handling and disposal of hazardous wastes in accordance with the hazardous waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collection /treatments / storage / disposal of hazardous waste.	Agreed upon. Our industrial operations does not generates any type of hazardous waste.
xix.	The company shall undertake following waste minimization measures. • Metering of quantities of active ingredients to minimize waste.	**Noted & being complied.** We continuously endeavor to minimize the waste generated by our operations by utilizing scrap of the utmost productive quality and shredding it into small fragments
	• 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.** An experienced group of five individuals, comprising a Safety Officer and an EHS Manager, has been assigned. To address all environmental and safety-related issues, we have set up a fully functional environment management cell.
xxii.	Transportation of ash will be through closed containers and all measures should be taken prevent spelling of the ash.	We have set aside a special area for ash storage, and the ash is delivered in a closed 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 cost shall be included as part of the project cost.	**Complied**. We have allocated separate fund with item wise breakup and submitted to the relevant authority.

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.** Rest assured that the allocated fund for environmental conservation efforts will remain solely dedicated to its intended purpose, and comprehensive annual reports will be provided to both the MPCB and MoEF & CC department outlining all financial transactions.
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.** The advertisement was published in both English and Marathi in two extensively circulated local newspapers in the area, copy for the same 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 1st June & 1st DEC of each calendar year.	**Being Complied.** We adhere to the predetermined terms and conditions of the prior environmental clearance and submit six monthly compliance reports on time, including a hard copy to MPCB and a soft copy to 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 is accessible on the industry website and has been forwarded to the local non-governmental organization and municipal corporation.
xxix.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically it shall simultaneously be sent to the Regional office of MOEF, the respective zonal office of CPB and SPCB. The criteria pollutant levels namely, SPM.RSPM.SO_2 NO_X (ambient levels as well stack emissions) or critical sectorial parameters ,indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	**Noted,** The six-monthly EC compliance reports are being uploaded on the industry website, while both hard copies and soft copies of the monitoring reports are being sent to the relevant MoEF & CC Regional Office and MPCB office in relation to the EC conditions. Additionally, the LED-based board positioned near the main entrance of the industry showcases the pollution level criteria, such as SPM, RSPM, SO2, and NOx.
xxx.	Six Monthly monitoring reports should be submitted to the regional office MOEF,	**Being Complied.**

	Bhopal with copy to this department and MPCB.	Along with monitoring data, we routinely submit the six monthly compliance reports.
xxxi.	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	**Complied.**
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 रोल्स ॲण्ड कमोडीटीज प्रा.ली. जालना या प्रगटनाद्वारे जाहीर सुचित करतो की, पर्यावरण विभाग, महाराष्ट्र राज्य यांनी आमच्या मेटा रोल्स ॲण्ड कमोडीटीज प्रा.ली.च्या बिलेट उत्पादनाच्या विस्तारीकरण प्रकल्प क्षमता ५०० मेट्रीक टन प्रतिदिन गट क्र. ४८ औद्योगिक वसाहत जवळ, दरेगाव जालनासाठी पर्यावरण मंजुरी दिली आहे. जीचा क्र. SEA 2014/CR-32/TC-2 दिनांक ३० ऑक्टोबर २०१४ असुन दिनांक ०७ ऑक्टोबर २०१४ रोजी पर्यावरण विभागाच्या सांकेतिक स्थळावर प्रकाशित केला आहे. सदर पर्यावरण मंजुरीची प्रत आमचे कार्यालय तसेच महाराष्ट्र प्रदुषण नियंत्रण महांडळ यांच्या कार्यालयात उपलब्ध आहे. संकेत स्थळ ec.maharashtra.gov.in

मेटा रोल्स ॲण्ड 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)

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, Adjecent 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 sitting 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 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.

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	Submitted Date
MPCB-ENVIRONMENT_STATEMENT-0000059216	25-09-2023

PART A

Company Information

Company Name	Application UAN number
M/S: METAROLLS ISPAT PVT. LTD.	MPCB-CONSENT-0000167264

Address

GUT NO. 48, ADJECENT TO MIDC PHASE-II, DAREGAON, JALNA.

Plot no	Taluka	Village
GUT NO: 48	JALNA	DAREGAON, ADJECENT TO ADDL. MIDC JALNA
Capital Investment (In lakhs)	**Scale**	**City**
12852	LSI	JALNA
Pincode	**Person Name**	**Designation**
431203	R A BHAKKAD	DGM
Telephone Number	**Fax Number**	**Email**
02482220036	00	rabhakkad@metarolls.com
Region	**Industry Category**	**Industry Type**
SRO-Jalna	Red	R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units
Last Environmental statement submitted online	**Consent Number**	**Consent Issue Date**
yes	Format1.0/CC/UAN No.MPCB-CONSENT-0000167264/CR/2307000406	2023-07-07
Consent Valid Upto	**Establishment Year**	**Date of last environment statement submitted**
2024-06-30	0	Sep 17 2022 12:00:00:000AM

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

Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
MS BILLETS	158400	157943.780	MT/A
MS TMT BARS	158400	155208.597	MT/A

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM

NA	00	00	Nos./Y

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	0.00	0.00
Cooling	185.00	171.00
Domestic	4.50	4.00
All others	0.00	0.00
Total	189.50	175.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
NA	00	00	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
MS BILLETS	0.2	0.7	CMD
MS TMT BARS	0.2	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 SCRAP AND SPONGE IRON	167857.353	165827.330	MT/A
MS BILLETS	157958.060	157943.780	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
ELECTRICITY	00	223490.449	Mwh
HSD	36	4	KL/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)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%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		
	Quantity	Concentration	%variation	Standard	Reason
PARTICULATE MATTER	00	51.27	00	100	Mg/Nm3
SO2	00	1.97	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	5824.650	5754.208	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
SLAG	5754.208	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 OF APC SYSTEM, INSTALLATION ONLINE CONTINEUOS EMISSION MONITORING SYSTEM	119

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	***Environmental Protection Measures***	***Capital Investment (Lacks)***
OPERATION AND MAINTENANCE	APC SYSTEM, GREEN BELT DEVELOPMENTS	3.5

Part-I

Any other particulars for improving the quality of the environment.

Particulars

WE HAVE UPGRADED OUR APC SYSTEM, INSTALLED AN ONLINE CONTINUOUS EMISSION MONITORING SYSTEM, AND ARE GRADUALLY DEVELOPING THE GREEN BELT AREA WHILE ALSO MAINTAINING THE ENVIRONMENTAL BALANCE IN INDUSTRY PREMISES.

Name & Designation

R A BHAKKAD (DGM)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000059216

Submitted On:

25-09-2023

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:	***Submitted On:***	***Industry Type :***
MPCB-HW_ANNUAL_RETURN-0000037943	23-06-2023	Recycler/Actual User

Submitted for Year:

April 2022 to March 2023

1. Name of the generator/operator of facility	***Address of the unit/facility***
M/S: METAROLLS ISPAT PVT LTD	GUT NO: 48, DAREGAON, ADJACENT TO ADDL, MIDC PHASE II, JALNA

1b. Authorization Number	***Date of issue***	***Date of validity of consent***
Format1.0/CC/UAN No.0000116876/CR/2205000702	May 12, 2022	Jun 30, 2023

2. Name of the authorised person	***Full address of authorised person***
RAMNARAYAN BHAKKAD	GUT NO: 48, DAREGAON, ADJACENT TO ADDL, MIDC PHASE II, JALNA

Telephone	***Fax***	***Email***
7720003290	00	rabhakkad@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	157943.780	MT/A
Iron & Steel	MS TMT BARS	158400.0000	155208.597	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***
	NA	0.000	00	MTA

2. Quantity dispatched category wise.

Type of Waste	***Quantity of waste***	***UOM***	***Dispatched to***	***Facility Name***
	00	MTA	0	NA

3. Quantity Utilised in-house,If any

Type of Waste	***Name of Waste***	***Quantity of Waste***	***UOM***
	NA	00	MTA

4. Quantity in storage at the end of the year

Type of Waste	***Name of Waste***	***Quantity of Waste***	***UOM***
	NA	00	MTA

5. Quantity disposed in landfills as such and after treatment

Type	***Quantity***	***UOM***
Direct landfilling	00	KL/Anum

Landfill after treatment	00	KL/Anum

6. Quantity incinerated (if applicable)

UOM
00	KL/Anum

PART B: To be filled bt Treatment,storage, and disposal facility operators

1.Total Quantity received

UOM	State Name
NA	KL/Anum	Maharashtra

2. Quantity in stock at the beginning of the year

UOM
NA	KL/Anum

3. Quantity treated

UOM
NA	KL/Anum

4. Quantity disposed in landfills as such and after treatment

Type	Quantity	UOM
Direct landfilling	NA	KL/Anum
Landfill after treatment	NA	KL/Anum

5. Quantity incinerated (if applicable)

UOM
NA	KL/Anum

6. Quantiry processed other than specified above

UOM
NA	KL/Anum

7. Quantity in storage at the end of the year.

UOM
NA	KL/Anum

PART C: To be filled by recyclers or co-processors or other users

1. Quantity of waste received during the year

Waste Name/Category	Country Name	State Name	Quantity of waste received from domestic sources	Quantity of waste imported(If any)	Units
MS SCRAP AND OTHER RAW MATERIAL	India	Maharashtra	120587.710	45239.620	MTA

2. Quantity in stock at the beginning of the year

Waste Name/Category	Quantity	UOM
MS SCRAP AND OTHER RAW MATERIAL	4600.287	MTA

3. Quantity of waste recycled or co-procesed or used

Name of Waste	Type of Waste	Quantity	UOM
MS SCRAP AND OTHER RAW MATERIAL	MS SCRAP AND OTHER RAW MATERIAL	165827.330	MTA

4. Quantity of products dispatched (wherever applicable)

Name of product	Quantity	UOM
MS BILLETS	157943.780	MTA
MS TMT BAR	155208.597	MTA

5. Total quantity of waste generated

Waste name/category	quantity	UOM
SLAG	5754.208	MTA

6. Total quantity of waste disposed

Waste name/category	quantity	UOM
SLAG	5754.208	MTA

7. Total quantity of waste re-exported (If Applicable)

Waste name/category	***quantity***	***UOM***
NA	00	MTA

8. Quantity in storage at the end of the year

Waste name/category	***quantity***	***UOM***
MS SCRAP	8682.185	MTA
SLAG	00	MTA

9. Quantity disposed in landfills as such and after treatment

Type	***Quantity***	***UOM***
Direct landfilling	00	MTA
Landfill after treatment	00	MTA

10. Quantity incinerated (if applicable)	***UOM***
00	MTA

Personal Details

Place	***Date***	***Designation***
JALNA	2022-06-23	MANAGER

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/23-24/10/AA/RE/793**	**Report Issue Date**	**14/10/2023**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 9:45 AM of 09/10/2023 to 5:45 PM of 09/10/2023 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Project Site	**Dry bulb temperature**	29^0C
Wet bulb temperature	18^0C	**Relative Humidity**	54 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	10/10/2023	**End Date of Analysis**	14/10/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	19.4	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	22.3	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	70.4	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	47.2	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	10.8	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	5.94	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

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

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/10/AA/RE/794**	**Report Issue Date**	**14/10/2023**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 9:55 AM of 09/10/2023 to 5:55 PM of 09/10/2023 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Chandanzira Village	**Dry bulb temperature**	28^0C
Wet bulb temperature	19^0C	**Relative Humidity**	56 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	10/10/2023	**End Date of Analysis**	14/10/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	14.2	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	26.9	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	66.8	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	47.2	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	10.8	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	6.43	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m^3	≤ 06	
9	Nickel (Ni)	BDL	ng/m^3	≤ 20	
10	Carbon Monoxide (CO)	0.30	mg/m^3	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m^3	≤ 1.0	IS 5182 Part 12
12	Benzene(C_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

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

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/10/AA/RE/795**	**Report Issue Date**	**14/10/2023**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:10 AM of 09/10/2023 to 6:10 PM of 09/10/2023 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Nagewadi Village	**Dry bulb temperature**	29^0C
Wet bulb temperature	18^0C	**Relative Humidity**	58 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	10/10/2023	**End Date of Analysis**	14/10/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	14.6	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	25.8	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	67.3	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	46.4	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	10.8	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	7.91	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m^3	≤ 06	
9	Nickel (Ni)	BDL	ng/m^3	≤ 20	
10	Carbon Monoxide (CO)	0.32	mg/m^3	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m^3	≤ 1.0	IS 5182 Part 12
12	Benzene(C_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/10/AA/RE/796**	**Report Issue Date**	**14/10/2023**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:20 AM of 09/10/2023 to 6:20 PM of 09/10/2023 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Daregaon Village	**Dry bulb temperature**	30^0C
Wet bulb temperature	19^0C	**Relative Humidity**	59 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	10/10/2023	**End Date of Analysis**	14/10/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	12.6	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	24.5	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	68.9	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	41.7	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	11.5	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	8.94	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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)	0.36	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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/11/AA/RE/838**	**Report Issue Date**	**20/11/2023**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:00AM of 15/11/2023 to 6:00 PM of 15/11/2023 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Project Site	**Dry bulb temperature**	28^0C
Wet bulb temperature	18^0C	**Relative Humidity**	57 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	16/11/2023	**End Date of Analysis**	20/11/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	17.2	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	20.6	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	68.9	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	45.3	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	11.5	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	6.23	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By,
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. ★ PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/11/AA/RE/839**	**Report Issue Date**	**20/11/2023**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:10 AM of 15/11/2023 to 6:10 PM of 15/11/2023 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Chandanzira Village	**Dry bulb temperature**	28^0C
Wet bulb temperature	19^0C	**Relative Humidity**	54 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	16/11/2023	**End Date of Analysis**	20/11/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	13.6	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	21.4	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	68.9	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	42.3	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	11.6	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	6.24	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

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Neetal Laboratories And Environmental Services Pvt. Ltd.

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/11/AA/RE/840**	**Report Issue Date**	**20/11/2023**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:20 AM of 15/11/2023 to 6:20 PM of 15/11/2023 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Nagewadi Village	**Dry bulb temperature**	28^0C
Wet bulb temperature	18^0C	**Relative Humidity**	55 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	16/11/2023	**End Date of Analysis**	20/11/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	14.6	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	25.8	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	67.3	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	46.4	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	10.8	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	7.91	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m^3	≤ 06	
9	Nickel (Ni)	BDL	ng/m^3	≤ 20	
10	Carbon Monoxide (CO)	0.32	mg/m^3	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m^3	≤ 1.0	IS 5182 Part 12
12	Benzene(C_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By ,
(Ms. Kalyani Gore)
(Technical Manager)

PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/11/AA/RE/841**	**Report Issue Date**	**20/11/2023**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:30 AM of 15/11/2023 to 6:30 PM of 15/11/2023 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Daregaon Village	**Dry bulb temperature**	29^0C
Wet bulb temperature	19^0C	**Relative Humidity**	58 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	16/11/2023	**End Date of Analysis**	20/11/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	13.4	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	21.6	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	65.5	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	43.4	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	12.5	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	7.26	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m^3	≤ 06	
9	Nickel (Ni)	BDL	ng/m^3	≤ 20	
10	Carbon Monoxide (CO)	0.32	mg/m^3	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m^3	≤ 1.0	IS 5182 Part 12
12	Benzene(C_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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Certifications :
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ISO 14001 : 2015
ISO 45001 : 2018

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/12/AA/RE/972**	**Report Issue Date**	**26/12/2023**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:00 AM of 21/12/2023 to 6:00 PM of 21/12/2023 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Project Site	**Dry bulb temperature**	28^0C
Wet bulb temperature	20^0C	**Relative Humidity**	53 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	22/12/2023	**End Date of Analysis**	26/12/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	18.4	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	23.2	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	56.4	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	35.6	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	10.3	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	5.8	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/12/AA/RE/973**	**Report Issue Date**	**26/12/2023**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:10 AM of 21/12/2023 to 6:10 PM of 21/12/2023 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Chandanzira Village	**Dry bulb temperature**	28^0C
Wet bulb temperature	19^0C	**Relative Humidity**	55 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	22/12/2023	**End Date of Analysis**	26/12/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	15.1	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	23.8	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	56.9	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	35.7	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	12.3	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	5.6	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By,
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
Abhi
(Mr. Abhishek Tope)
(Quality Manager)

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Certifications :
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ISO 14001 : 2015
ISO 45001 : 2018

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/12/AA/RE/974**	**Report Issue Date**	**26/12/2023**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:25 AM of 21/12/2023 to 6:25 PM of 21/12/2023 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Nagewadi Village	**Dry bulb temperature**	29^0C
Wet bulb temperature	19^0C	**Relative Humidity**	55 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	22/12/2023	**End Date of Analysis**	26/12/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	12.5	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	16.7	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	65.6	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	30.8	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	10.3	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	4.91	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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Certifications :
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ISO 14001 : 2015
ISO 45001 : 2018

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/12/AA/RE/975**	**Report Issue Date**	**26/12/2023**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:35 AM of 21/12/2023 to 6:35 PM of 21/12/2023 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Daregaon Village	**Dry bulb temperature**	29^0C
Wet bulb temperature	19^0C	**Relative Humidity**	56 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	22/12/2023	**End Date of Analysis**	26/12/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	13.4	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	17.2	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	68.7	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	32.6	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	12.4	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	5.26	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. ★ PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

TEST REPORT

Report No.	**NLES/23-24/12/NI/RE/976**	**Report Issue Date**	**26/12/2023**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical		
Group	Atmospheric Pollution		
Sub Group	Ambient Air		
Sample Name	Ambient Noise		
Date of Sampling	21/12/2023		
Method of Sampling	IS 9989: 1981		
Sampling Duration	24 hrs. Day & Night		
Sampling done by	Neetal Laboratories and Environmental Services Private Limited		

Results

Sr. No.	Location	Average Noise Level Reading dB(A)		Limits as per CPCB guidelines
		Day Time	Night Time	
1	Main Gate	68.4	56.8	Day Time = 75 dB Night Time =70 dB
2	Admin Office	56.7	48.3	

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

Reviewed By,
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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Certifications :
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ISO 14001 : 2015
ISO 45001 : 2018

TEST REPORT (Stack Emission)

Report No.	**NLES/23-24/12/ST/RE/977**	**Report Issue Date**	**26/12/2023**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent 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	21/12/2023	**Sampling Location**	Induction Furnace
Sampling done by	Neetal Laboratories and Environmental Services Private Limited	**Sampling duration**	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	**Sampling Procedure**	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	22/12/2023	**End Date of Analysis**	26/12/2023

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	57	°C	--	--
2	Differential Pressure	3.6	mm WG		
3	Velocity	7.26	M/s		
4	Total Particulate Matter	45.3	mg/Nm3	≤ 100	IS 11255 (Part 1)
5	Sulphur Dioxide (SO_2)	20.4	mg/Nm3	N.S.	IS 11255 (Part 2)
6	Sulphur Dioxide (SO_2)	0.23	Kg/day	N.S.	IS 11255 (Part 2)
7	Oxides of Nitrogen (Nox)	21.8	mg/Nm3	N.S.	IS 11255 (Part 7)

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

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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Website : www.neetalenvirolab.com, Mob. 8669699854 / 52
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Certifications :
ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

TEST REPORT

Report No:	**NLES/23-24/12/WZ/RE/978**	**Report Issue Date**	**26/12/2023**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Sample Name	**Workzone Noise**	**Date of Sampling**	21/12/2023
Sampling done by	Neetal Laboratories and Environmental Services Private Limited		

Results

Sr. No.	Locations	dB(A)	Specifications (The Factories Act 1948, standards)	Method
1.	Furnace Shed	77.8	≤90	CPCB Guideline
2.	Rolling Mill Shed	81.9		

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

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/01/AA/RE/878**	**Report Issue Date**	**24/01/2024**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 9:20 AM of 18/01/2024 to 5:20 PM of 18/01/2024 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Project Site	**Dry bulb temperature**	29^0C
Wet bulb temperature	19 ^{0}C	**Relative Humidity**	52 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	19/01/2024	**End Date of Analysis**	24/01/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	12.6	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	14.8	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	60.4	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	35.9	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	12.3	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	11.4	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m^3	≤ 06	
9	Nickel (Ni)	BDL	ng/m^3	≤ 20	
10	Carbon Monoxide (CO)	0.28	mg/m^3	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m^3	≤ 1.0	IS 5182 Part 12
12	Benzene(C_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/01/AA/RE/879**	**Report Issue Date**	**24/01/2024**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 9:30AM of 18/01/2024 to 5:30 PM of 18/01/2024 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Chandanzira Village	**Dry bulb temperature**	29^0C
Wet bulb temperature	20^0C	**Relative Humidity**	53 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	19/01/2024	**End Date of Analysis**	24/01/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	12.6	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	25.7	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	58.5	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	35.8	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	12.5	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	5.6	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By

(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory

(Mr. Abhishek Tope)
(Quality Manager)

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Certifications :
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ISO 14001 : 2015
ISO 45001 : 2018

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/01/AA/RE/880**	**Report Issue Date**	**24/01/2024**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 9:45 AM of 18/01/2024 to5:45 PM of 18/01/2024 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Nagewadi Village	**Dry bulb temperature**	29^0C
Wet bulb temperature	19^0C	**Relative Humidity**	53 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	19/01/2024	**End Date of Analysis**	24/01/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	10.5	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	14.8	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	56.9	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	32.3	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	11.5	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	5.78	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/01/AA/RE/881**	**Report Issue Date**	**24/01/2024**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 9:55 AM of 18/01/2024 to5:55 PM of 18/01/2024 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Daregaon Village	**Dry bulb temperature**	29^0C
Wet bulb temperature	19^0C	**Relative Humidity**	52 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	19/01/2024	**End Date of Analysis**	24/01/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	11.2	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	15.8	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	57.1	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	34.6	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	12.3	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	6.15	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

PUNE

Authorized Signatory
Abhi
(Mr. Abhishek Tope)
(Quality Manager)

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

TEST REPORT

Report No.	**NLES/23-24/01/W/RE/882**	**Report Issue Date**	**24/01/2024**
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**	18/01/2024
Group	Water	**Sample Quantity**	02 lit Plastic Can
Sub Group	Surface Water	**Sampling Procedure**	APHA 1060
Sample Description	Moti Talav	**Sample Status**	Sealed
Sampling done by	Neetal Laboratories and Environmental Services Private Limited	**Environmental Condition for sample storage and Analysis**	Temperature: 25 °C ±5 °C & Humidity: 30 % to 80 % RH
Start Date of Analysis	19/01/2024	**End Date of Analysis**	24/01/2024

Results

Sr. No.	Parameters	Unit(s)	Results	Methods
PHYSICAL PARAMETERS				
1	Odour	-	Agreeable	IS 3025 Part-5
2	pH at 25^{0}C	-	7.65	APHA 4500 H+ A, 23rd Ed. 2017
3	Turbidity	NTU	0.51	IS 3025 Part-10
4	Total Dissolved Solids	mg/l	828	APHA 2540 C, 23rd Ed. 2017
5	Ammonical Nitrogen as N	mg/l	0.25	APHA 4500 NH3, 23rd Ed. 2017.
6	Calcium (as Ca)	mg/l	32.6	APHA 3500 Ca B, 23rd Ed. 2017
7	Chloride (as Cl)	mg/l	79.4	APHA 4500 Cl^-- B 23rd Ed. 2017
8	Fluoride (as F)	mg/l	0.46	APHA 4500 F^-- D 23rd Ed. 2017
9	Residual Chlorine as Cl	mg/l	<0.1	IS 3025 Part 26 (Rev.1, RA 2014)
10	Magnesium (as Mg)	mg/l	26.7	APHA 3500 Mg A, 23rd Ed. 2017
11	Nitrate (as NO_3)	mg/l	5.12	APHA 4500 NO3- B 23rd Ed. 2017
12	Sulphate (as SO_4)	mg/l	48.5	APHA 4500 SO4 E, 23rd Ed. 2017
13	Total Alkalinity (as $CaCO_3$)	mg/l	263.7	APHA 2320 B, 23rd Ed. 2017
14	Total Hardness (as $CaCO_3$)	mg/l	326.9	APHA 2340 B, 23rd Ed. 2017
15	Iron (as Fe)	mg/l	0.52	IS 3025 (Part-02)
16	Colour	Hazen	1.0	IS 3025 (Part-4)

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

TEST REPORT

Report No.	**NLES/23-24/01/W/RE/883**	**Report Issue Date**	**24/01/2024**
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**	18/01/2024
Group	Water	**Sample Quantity**	02 lit Plastic Can
Sub Group	Surface Water	**Sampling Procedure**	APHA 1060
Sample Description	Ghanewadi Talav	**Sample Status**	Sealed
Sampling done by	Neetal Laboratories and Environmental Services Private Limited	**Environmental Condition for sample storage and Analysis**	Temperature: 25 °C ±5 °C & Humidity: 30 % to 80 % RH
Start Date of Analysis	19/01/2024	**End Date of Analysis**	24/01/2024

Results

Sr. No.	Parameters	Unit(s)	Results	Methods
PHYSICAL PARAMETERS				
1	Odour	-	Agreeable	IS 3025 Part-5
2	pH at 25^{0}C	-	7.41	APHA 4500 H+ A, 23rd Ed. 2017
3	Turbidity	NTU	2.48	IS 3025 Part-10
4	Total Dissolved Solids	mg/l	759	APHA 2540 C, 23rd Ed. 2017
5	Ammonical Nitrogen as N	mg/l	0.28	APHA 4500 NH3, 23rd Ed. 2017.
6	Calcium (as Ca)	mg/l	30.4	APHA 3500 Ca B, 23rd Ed. 2017
7	Chloride (as Cl)	mg/l	82.3	APHA 4500 Cl^-- B 23rd Ed. 2017
8	Fluoride (as F)	mg/l	0.41	APHA 4500 F^-- D 23rd Ed. 2017
9	Residual Chlorine as Cl	mg/l	<0.1	IS 3025 Part 26 (Rev.1, RA 2014)
10	Magnesium (as Mg)	mg/l	21.3	APHA 3500 Mg A, 23rd Ed. 2017
11	Nitrate (as NO_3)	mg/l	4.89	APHA 4500 NO3- B 23rd Ed. 2017
12	Sulphate (as SO_4)	mg/l	36.9	APHA 4500 SO4 E, 23rd Ed. 2017
13	Total Alkalinity (as $CaCO_3$)	mg/l	242.7	APHA 2320 B, 23rd Ed. 2017
14	Total Hardness (as $CaCO_3$)	mg/l	310.8	APHA 2340 B, 23rd Ed. 2017
15	Iron (as Fe)	mg/l	0.45	IS 3025 (Part-02)
16	Colour	Hazen	1.0	IS 3025 (Part-4)

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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ISO 14001 : 2015
ISO 45001 : 2018

TEST REPORT

Report No.	**NLES/23-24/01/W/RE/884**	**Report Issue Date**	**24/01/2024**
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**	18/01/2024
Group	Water	**Sample Quantity**	02 lit Plastic Can
Sub Group	Ground Water	**Sampling Procedure**	APHA 1060
Sample Description	Chandanzira Village-Borewell	**Sample Status**	Sealed
Sampling done by	Neetal Laboratories and Environmental Services Private Limited	**Environmental Condition for sample storage and Analysis**	Temperature: 25 °C ±5 °C & Humidity: 30 % to 80 % RH
Start Date of Analysis	19/01/2024	**End Date of Analysis**	24/01/2024

Results

Sr. No.	Parameters	Unit(s)	Results	Methods
PHYSICAL PARAMETERS				
1	Odour	-	Agreeable	IS 3025 Part-5
2	pH at 25^{0}C	-	6.92	APHA 4500 H+ A, 23rd Ed. 2017
3	Turbidity	NTU	0.45	IS 3025 Part-10
4	Total Dissolved Solids	mg/l	639	APHA 2540 C, 23rd Ed. 2017
5	Ammonical Nitrogen as N	mg/l	0.42	APHA 4500 NH3, 23rd Ed. 2017.
6	Calcium (as Ca)	mg/l	77.8	APHA 3500 Ca B, 23rd Ed. 2017
7	Chloride (as Cl)	mg/l	89.5	APHA 4500 Cl^-- B 23rd Ed. 2017
8	Fluoride (as F)	mg/l	0.43	APHA 4500 F^-- D 23rd Ed. 2017
9	Residual Chlorine as Cl	mg/l	<0.1	IS 3025 Part 26 (Rev.1, RA 2014)
10	Magnesium (as Mg)	mg/l	31.6	APHA 3500 Mg A, 23rd Ed. 2017
11	Nitrate (as NO_3)	mg/l	3.78	APHA 4500 NO3- B 23rd Ed. 2017
12	Sulphate (as SO_4)	mg/l	45.9	APHA 4500 SO4 E, 23rd Ed. 2017
13	Total Alkalinity (as $CaCO_3$)	mg/l	275.5	APHA 2320 B, 23rd Ed. 2017
14	Total Hardness (as $CaCO_3$)	mg/l	326.9	APHA 2340 B, 23rd Ed. 2017
15	Iron (as Fe)	mg/l	0.32	IS 3025 (Part-02)
16	Colour	Hazen	1.0	IS 3025 (Part-4)

Reviewed By
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

TEST REPORT

Report No.	**NLES/23-24/01/W/RE/885**	**Report Issue Date**	**24/01/2024**
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**	18/01/2024
Group	Water	**Sample Quantity**	02 lit Plastic Can
Sub Group	Ground Water	**Sampling Procedure**	APHA 1060
Sample Description	Nagewadi Village-Well Water	**Sample Status**	Sealed
Sampling done by	Neetal Laboratories and Environmental Services Private Limited	**Environmental Condition for sample storage and Analysis**	Temperature: 25 °C ±5 °C & Humidity: 30 % to 80 % RH
Start Date of Analysis	19/01/2024	**End Date of Analysis**	24/01/2024

Results

Sr. No.	Parameters	Unit(s)	Results	Methods
PHYSICAL PARAMETERS				
1	Odour	-	Agreeable	IS 3025 Part-5
2	pH at 25^0C	-	7.03	APHA 4500 H+ A, 23rd Ed. 2017
3	Turbidity	NTU	0.42	IS 3025 Part-10
4	Total Dissolved Solids	mg/l	586	APHA 2540 C, 23rd Ed. 2017
5	Ammonical Nitrogen as N	mg/l	0.43	APHA 4500 NH3, 23rd Ed. 2017.
6	Calcium (as Ca)	mg/l	53.8	APHA 3500 Ca B, 23rd Ed. 2017
7	Chloride (as Cl)	mg/l	76.7	APHA 4500 Cl^-- B 23rd Ed. 2017
8	Fluoride (as F)	mg/l	0.45	APHA 4500 F^-- D 23rd Ed. 2017
9	Residual Chlorine as Cl	mg/l	<0.1	IS 3025 Part 26 (Rev.1, RA 2014)
10	Magnesium (as Mg)	mg/l	26.9	APHA 3500 Mg A, 23rd Ed. 2017
11	Nitrate (as NO_3)	mg/l	3.10	APHA 4500 NO3- B 23rd Ed. 2017
12	Sulphate (as SO_4)	mg/l	53.9	APHA 4500 SO4 E, 23rd Ed. 2017
13	Total Alkalinity (as $CaCO_3$)	mg/l	252.1	APHA 2320 B, 23rd Ed. 2017
14	Total Hardness (as $CaCO_3$)	mg/l	289.5	APHA 2340 B, 23rd Ed. 2017
15	Iron (as Fe)	mg/l	0.24	IS 3025 (Part-02)
16	Colour	Hazen	1.0	IS 3025 (Part-4)

Reviewed By
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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ISO 14001 : 2015
ISO 45001 : 2018

TEST REPORT

Report No.	**NLES/23-24/01/SI/RE/886**	**Report Issue Date**	**24/01/2024**
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**	18/01/2024
Group	Pollution & Environment	**Sample Quantity**	01 Kg
Sub Group	Soil / Sediments	**Sampling Procedure**	Manual of Soil Testing in India
Sample Description	Project Site	**Sample Status**	Sealed
Sample Collected by	Neetal Laboratories and Environmental Services Private Limited	**Environmental Condition for sample storage and Analysis**	Temperature: 25 °C ±5 °C & Humidity: 30 % to 80 % RH
Start Date of Analysis	19/01/2024	**End Date of Analysis**	24/01/2024

Results

Sr. No.	Parameters	Units	Results	Methods
1	Colour	--	Black	Manual of Soil Testing
2	pH	--	8.23	Manual of Soil Testing
3	Electrical Conductivity	µs/Cm	756.8	
4	Chloride as Cl^-	mg/Kg	51.5	
5	Sulphate as $SO4^{--}$	mg/Kg	23.8	
6	Iron as Fe	mg/Kg	0.52	
7	Available Sodium as Na	mg/Kg	32.8	FAO, Sec. II-I
8	Available Potassium as K	mg/Kg	26.9	IS :2720 P-17/36
9	Available Phosphorous as PO4	Kg/ha	64.5	IS 14765
10	Calcium as Ca	mg/Kg	21.3	Manual of Soil Testing
11	Magnesium as Mg	mg/Kg	16.7	IS 2720 (Part 26)
12	Water Holding Capacity	%	53.0	IS 14767:
14	Bulk Density	g/cm3	1.24	Manual of Soil Testing
15	Water Content/Moisture	%	6.48	Manual of Soil Testing
16	Texture	--	Clay	Manual of Soil Testing

Reviewed By
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

TEST REPORT

Report No.	**NLES/23-24/01/SI/RE/887**	**Report Issue Date**	**24/01/2024**
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**	18/01/2024
Group	Pollution & Environment	**Sample Quantity**	01 Kg
Sub Group	Soil / Sediments	**Sampling Procedure**	Manual of Soil Testing in India
Sample Description	Nagewadi Village	**Sample Status**	Sealed
Sample Collected by	Neetal Laboratories and Environmental Services Private Limited	**Environmental Condition for sample storage and Analysis**	Temperature: 25 °C ±5 °C & Humidity: 30 % to 80 % RH
Start Date of Analysis	19/01/2024	**End Date of Analysis**	24/01/2024

Results

Sr. No.	Parameters	Units	Results	Methods
1	Colour	--	Black	Manual of Soil Testing
2	pH	--	8.06	Manual of Soil Testing
3	Electrical Conductivity	µs/Cm	712.5	
4	Chloride as Cl^-	mg/Kg	43.2	
5	Sulphate as $SO4^{--}$	mg/Kg	26.4	
6	Iron as Fe	mg/Kg	0.55	
7	Available Sodium as Na	mg/Kg	31.2	FAO, Sec. II-I
8	Available Potassium as K	mg/Kg	20.5	IS :2720 P-17/36
9	Available Phosphorous as PO4	Kg/ha	68.6	IS 14765
10	Calcium as Ca	mg/Kg	23.4	Manual of Soil Testing
11	Magnesium as Mg	mg/Kg	17.3	IS 2720 (Part 26)
12	Water Holding Capacity	%	58.0	IS 14767:
14	Bulk Density	g/cm3	1.12	Manual of Soil Testing
15	Water Content/Moisture	%	5.26	Manual of Soil Testing
16	Texture	--	Clay	Manual of Soil Testing

Reviewed By :
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/02/AA/RE/750**	**Report Issue Date**	**27/02/2024**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:10AM of 20/02/2024 to 6:10 PM of 20/02/2024 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Project Site	**Dry bulb temperature**	30^0C
Wet bulb temperature	19^0C	**Relative Humidity**	35 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	21/02/2024	**End Date of Analysis**	27/02/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	16.4	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	21.2	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	65.6	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	43.2	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	11.9	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	6.04	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/02/AA/RE/751**	**Report Issue Date**	**27/02/2024**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:20 AM of 20/02/2024 to 6:20 PM of 20/02/2024 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Chandanzira Village	**Dry bulb temperature**	30^0C
Wet bulb temperature	19^0C	**Relative Humidity**	38%
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	21/02/2024	**End Date of Analysis**	27/02/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	11.2	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	16.9	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	61.2	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	45.6	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	12.3	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	5.49	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By,
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/02/AA/RE/752**	**Report Issue Date**	**27/02/2024**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:30 AM of 20/02/2024 to 6:30 PM of 20/02/2024 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Nagewadi Village	**Dry bulb temperature**	29^0C
Wet bulb temperature	18^0C	**Relative Humidity**	34 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	21/02/2024	**End Date of Analysis**	27/02/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	13.7	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	23.4	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	63.2	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	42.8	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	11.3	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	5.41	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
Abhi.
(Mr. Abhishek Tope)
(Quality Manager)

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TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/02/AA/RE/753**	**Report Issue Date**	**27/02/2024**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:40 AM of 20/02/2024 to 6:40 PM of 20/02/2024 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Daregaon Village	**Dry bulb temperature**	30^0C
Wet bulb temperature	20^0C	**Relative Humidity**	36 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	21/02/2024	**End Date of Analysis**	27/02/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	12.9	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	18.7	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	66.2	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	44.5	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	12.1	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	5.64	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/03/AA/RE/1162**	**Report Issue Date**	**21/03/2024**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 9:45 AM of 15/03/2024 to 5:45 PM of 15/03/2024 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Project Site	**Dry bulb temperature**	30^0C
Wet bulb temperature	21^0C	**Relative Humidity**	31 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	16/03/2024	**End Date of Analysis**	21/03/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	15.9	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	21.5	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	58.7	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	36.9	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	11.2	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	5.21	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/03/AA/RE/1163**	**Report Issue Date**	**21/03/2024**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:00 AM of 15/03/2024 to 6:00 PM of 15/03/2024 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Chandanzira Village	**Dry bulb temperature**	30^0C
Wet bulb temperature	19^0C	**Relative Humidity**	32 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	16/03/2024	**End Date of Analysis**	21/03/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	13.4	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	20.7	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	58.9	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	34.7	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	11.6	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	6.23	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m^3	≤ 06	
9	Nickel (Ni)	BDL	ng/m^3	≤ 20	
10	Carbon Monoxide (CO)	0.28	mg/m^3	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m^3	≤ 1.0	IS 5182 Part 12
12	Benzene(C_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

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Neetal Laboratories And Environmental Services Pvt. Ltd.

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

TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/03/AA/RE/1164**	**Report Issue Date**	**21/03/2024**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:25 AM of 15/03/2024 to 6:25 PM of 15/03/2024 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Nagewadi Village	**Dry bulb temperature**	31^0C
Wet bulb temperature	20^0C	**Relative Humidity**	30 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	16/03/2024	**End Date of Analysis**	21/03/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	13.4	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	17.3	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	66.9	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	34.8	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	10.6	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	4.27	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By,
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

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Certifications :
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TEST REPORT (Ambient Air)

Report No.	**NLES/23-24/03/AA/RE/1165**	**Report Issue Date**	**21/03/2024**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical	**Date & Time of Sampling**	From 10:35 AM of 15/03/2024 to 6:35 PM of 15/03/2024 (8 hrs)
Group	Atmospheric Pollution	**Sampling Procedure**	IS 5182 Part 5
Sub Group	Ambient Air	**Sampling done by**	Neetal Laboratories and Environmental Services Private Limited
Sampling Location	Daregaon Village	**Dry bulb temperature**	30^0C
Wet bulb temperature	19^0C	**Relative Humidity**	34 %
Sample Volume	SO_2:30 ml ×1 no. (Plastic Bottle), NO_2:30 ml×1 no. (Plastic Bottle) PM_{10}:1×1no. (Filter Paper), $PM_{2.5}$:1×1no. (Filter Paper)		
Start Date of Analysis	16/03/2024	**End Date of Analysis**	21/03/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO_2)	12.6	$\mu g/m^3$	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO_2)	16.4	$\mu g/m^3$	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM_{10}	66.2	$\mu g/m^3$	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter $PM_{2.5}$	36.9	$\mu g/m^3$	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O_3)	12.7	$\mu g/m^3$	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH_3)	5.12	$\mu g/m^3$	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	$\mu g/m^3$	≤ 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_6H_6)	BDL	$\mu g/m^3$	≤ 05	IS 5182 Part 11

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

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. ★ PUNE

Authorized Signatory
(Mr. Abhishek Tope)
(Quality Manager)

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

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Certifications :
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ISO 14001 : 2015
ISO 45001 : 2018

TEST REPORT

Report No.	**NLES/23-24/03/NI/RE/1166**	**Report Issue Date**	**21/03/2024**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Discipline	Chemical		
Group	Atmospheric Pollution		
Sub Group	Ambient Air		
Sample Name	Ambient Noise		
Date of Sampling	15/03/2024		
Method of Sampling	IS 9989: 1981		
Sampling Duration	24 hrs. Day & Night		
Sampling done by	Neetal Laboratories and Environmental Services Private Limited		

Results

Sr. No.	Location	Average Noise Level Reading dB(A)		Limits as per CPCB guidelines
		Day Time	Night Time	
1	Main Gate	69.3	55.4	Day Time = 75 dB Night Time =70 dB
2	Admin Office	58.7	49.3	

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

Reviewed By ,
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

Neetal Laboratories & Environmental Services Pvt. Ltd. PUNE

Authorized Signatory
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(Quality Manager)

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Certifications :
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TEST REPORT (Stack Emission)

Report No.	**NLES/23-24/03/ST/RE/1167**	**Report Issue Date**	**21/03/2024**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent 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	15/03/2024	**Sampling Location**	Induction Furnace
Sampling done by	Neetal Laboratories and Environmental Services Private Limited	**Sampling duration**	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	**Sampling Procedure**	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	16/03/2024	**End Date of Analysis**	21/03/2024

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	53	°C	--	--
2	Differential Pressure	3.3	mm WG		
3	Velocity	7.05	M/s		
4	Total Particulate Matter	46.5	mg/Nm3	≤ 100	IS 11255 (Part 1)
5	Sulphur Dioxide (SO_2)	21.2	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)	23.4	mg/Nm3	N.S.	IS 11255 (Part 7)

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

Reviewed By
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Certifications :
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ISO 45001 : 2018

TEST REPORT

Report No:	**NLES/23-24/03/WZ/RE/1168**	**Report Issue Date**	**21/03/2024**
Name and Address of Customer	**M/s.Metarolls Ispat Pvt.Ltd.** Gut No.48, Adjecent to MIDC Phase-II,Daregaon,Jalna.		
Sample Name	**Workzone Noise**	**Date of Sampling**	15/03/2024
Sampling done by	Neetal Laboratories and Environmental Services Private Limited		

Results

Sr. No.	Locations	dB(A)	Specifications (The Factories Act 1948, standards)	Method
1.	Furnace Shed	76.4	≤90	CPCB Guideline
2.	Rolling Mill Shed	82.3		

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

Reviewed By
Kalyani
(Ms. Kalyani Gore)
(Technical Manager)

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(Mr. Abhishek Tope)
(Quality Manager)

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