

# **M/S. GANRAJ ISPAT PVT. LTD.**

## **SIX MONTHLY POST ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT**

**Period of Compliance Reporting:**

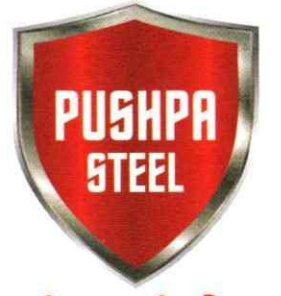
**APRIL TO SEPTEMBER 2024**



**Submitted By:**

**M/S. GANRAJ ISPAT PVT. LTD.**

**Plot no: A-3, MIDC Supa, Tq. Parner, Dist: Ahmednagar.**



शक्ती - मजबुती - विश्वास

Ref. No.:

Date: 18/11/2024

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 APRIL TO SEPTEMBER 2024 M/s: Ganraj Ispat Pvt. Ltd. Plot no: A-3, MIDC Supa, Tq. Parner, Dist: Ahmednagar.**

Ref. No.: Your issued EC: SEIAA-EC-0000002044 Dated: 16<sup>th</sup>Oct 2019

**Period of EC Compliance: April To September 2024.**

Dear Sir,

With reference to subject matter above, we are submitting Compliance for obtained Environmental Clearance from State Environment Impact Assessment Authority (SEIAA), Maharashtra to our Project **M/s: Ganraj Ispat Pvt Ltd. Plot no: A-3, Midc Supa, Tq. Parner, Dist: Ahmednagar.** We have received Environmental Clearance from SEIAA, Govt. of Maharashtra, MoEF & CC, New Delhi vide ref. no.: **SEIAA-EC-0000002044 Dated: 16th Oct 2019.** We are submitting the EC Compliance for the period of **April To September 2024** for your reference & further needful record.

Request you to kindly acknowledge the same.

Submitted for your kind perusal.

Yours Faithfully,

For M/s: Ganraj Ispat Pvt. Ltd.



Authorized Signatory

Enclosure: EC Compliance with its Annexure

Copy to:

1. The Sub Regional Officer, MPCB, Ahmednagar.
2. SEIAA, Mumbai, Maharashtra.
3. RO MPCB, Nashik.



## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: October 16, 2019

To,  
**Gaurav Pramod Dugad**  
at A-3, Supa MIDC

**Subject:** Environment Clearance for Environmental Clearance for Proposed MS Billets (1,000 MTD) & Expansion of TMT Bars (77 MTD to 1,000 MTD ) Manufacturing Unit

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 167th meeting and 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 177th meetings.


2. It is noted that the proposal is considered by SEAC-I under screening category 3 (a) B1 as per EIA Notification 2006.

### Brief Information of the project submitted by you is as below :-

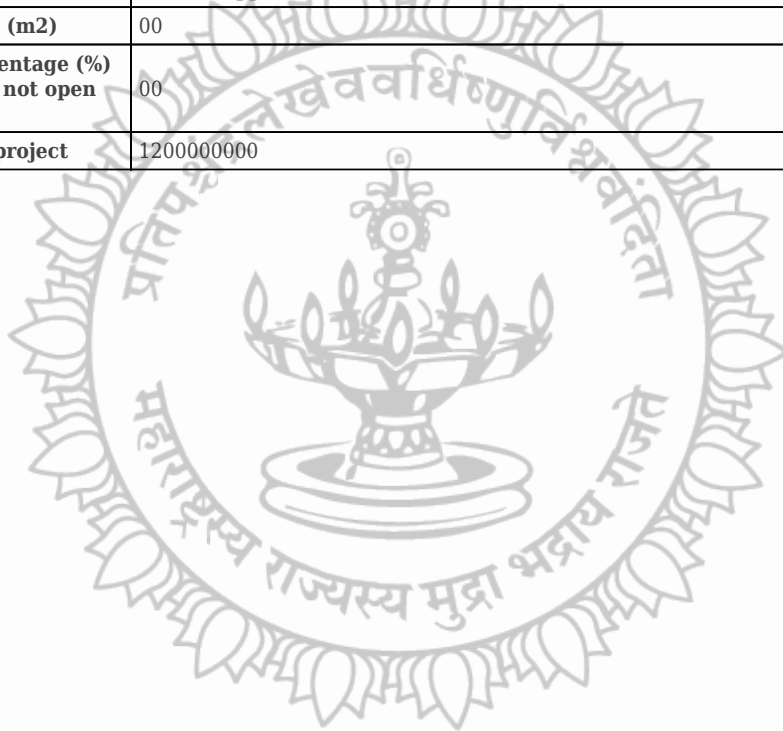
1.Name of Project	M/s. Ganraj Ispat Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Gaurav Pramod Dugad
4.Name of Consultant	M/s. Mantras Green Resources Ltd., Nashik
5.Type of project	Industrial Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project for M S Billet Manufacturing (Existing Rolling Mill)
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable, (The Rolling mill is does not attract the provision of Prior Environmental clearance ) Consent is issued by MPCB.
8.Location of the project	A-3, Supa MIDC
9.Taluka	Parner
10.Village	Supa
Correspondence Name:	Gaurav Pramod Dugad
Room Number:	Dugad Group, Sheth Shree Narayandas Dugad Chowk
Floor:	Pushpa Height
Building Name:	Pushpa Height
Road/Street Name:	Pune Satara Road
Locality:	Sheth Shree Narayandas Dugad Chowk
City:	Pune
11.Whether in Corporation / Municipal / other area	MIDC Supa
12.IOD/IOA/Concession/Plan Approval Number	MIDC IOD/IOA/Concession/Plan Approval Number: Not Applicable Approved Built-up Area: 19228

**SEIAA Meeting No: 177 Meeting Date: October 3, 2019 ( SEIAA-STATEMENT-000000705 )**  
**SEIAA-MINUTES-0000002620**  
**SEIAA-EC-0000002044**

Page 1 of 12

  
**Shri. Anil Diggikar (Member Secretary SEIAA)**

13.Note on the initiated work (If applicable)	No work is initiated. Open land is available for proposed activity.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC Supa
15.Total Plot Area (sq. m.)	41498
16.Deductions	Not applicable
17.Net Plot area	41498
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): Not applicable
	Non FSI area (sq. m.): Not applicable
	Total BUA area (sq. m.): 00
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 00
	Approved Non FSI area (sq. m.): 00
	Date of Approval: 21-08-2014
19.Total ground coverage (m2)	00
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	00
21.Estimated cost of the project	1200000000



# Government of Maharashtra

## 22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	MS Billets	00	30,000	30,000
2	MS TMT Bars	2310	27690	30,000

## 23. Total Water Requirement

Dry season:	Source of water	Supa MIDC
	Fresh water (CMD):	122
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	23
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	145
	Fire fighting - Underground water tank(CMD):	150
	Fire fighting - Overhead water tank(CMD):	50
	Excess treated water	00
Wet season:	Source of water	Supa MIDC
	Fresh water (CMD):	122
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	23
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	145
	Fire fighting - Underground water tank(CMD):	150
	Fire fighting - Overhead water tank(CMD):	50
	Excess treated water	00
Details of Swimming pool (If any)	00	

## 24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	07	20	27	01	03	04	06	17	23
Industrial Process	10	85	95	10	85	95	00	00	00
Gardening	06	17	23	06	17	23	06	17	23
Fresh water requirement	23	105	145	17	105	122	06	17	23

<b>25.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	20 meter below.
	<b>Size and no of RWH tank(s) and Quantity:</b>	Proposed Rainwater harvesting will be one nos. and storage capacity will be five lack ltrs (Number and capacity of Tank will be increased or decreased if require)
	<b>Location of the RWH tank(s):</b>	Rainwater harvesting plan will be elaborate in Final EIA Report
	<b>Quantity of recharge pits:</b>	01
	<b>Size of recharge pits :</b>	Rainwater harvesting plan will be elaborate in Final EIA Report
	<b>Budgetary allocation (Capital cost) :</b>	08.00 Lacs
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.06 Lacs
	<b>Details of UGT tanks if any :</b>	Under ground tank will be designed . required total area 150 m3.

<b>26.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Storm water drainage will be constructed around the plant area.
	<b>Quantity of storm water:</b>	Will be elaborated in final EIA report
	<b>Size of SWD:</b>	Will be elaborated in final EIA report

<b>27.Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	23 KLD
	<b>STP technology:</b>	MBBR Technology
	<b>Capacity of STP (CMD):</b>	25 CMD
	<b>Location &amp; area of the STP:</b>	150 sq.mtr area within Premises
	<b>Budgetary allocation (Capital cost):</b>	15 lacs
	<b>Budgetary allocation (O &amp; M cost):</b>	2.5 lacs

## 28.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Construction waste debris
	<b>Disposal of the construction waste debris:</b>	Soil stacked separately will be utilized for plantation, debris will be utilized for land filling, other material will be disposed categorically as per MPCB norms.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	Process Slag, process dust: 30 to 50 MTD.
	<b>Wet waste:</b>	Sewage through septic tank
	<b>Hazardous waste:</b>	No any type of hazardous waste is generating in this unit
	<b>Biomedical waste (If applicable):</b>	No
	<b>STP Sludge (Dry sludge):</b>	STP Sludge : 0.5 MTA
	<b>Others if any:</b>	No
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Sale to Brick Manufacturer
	<b>Wet waste:</b>	No
	<b>Hazardous waste:</b>	No
	<b>Biomedical waste (If applicable):</b>	No
	<b>STP Sludge (Dry sludge):</b>	Sale to Brick Manufacturer /Send to CHWTSDF/Landfilling process
	<b>Others if any:</b>	No
<b>Area requirement:</b>	<b>Location(s):</b>	Near to raw material Storage yard
	<b>Area for the storage of waste &amp; other material:</b>	300 sqm
	<b>Area for machinery:</b>	Not Applicable
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Not Applicable
	<b>O &amp; M cost:</b>	Not Applicable

Government of  
Maharashtra

## 29.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Amount of effluent generation (CMD):			water will be used for only for cooling purpose , so no effluents will be Generated. Water will be cooled and again use for cooling. We are proposed to use new technology for cooling system, dry cooling tower it also reduces water consumption. Domestic waste water will be generated and it will be treat in STP. The treated water will be used for gardening.		
Capacity of the ETP:		Not Applicable			
Amount of treated effluent recycled :		Not Applicable			
Amount of water send to the CETP:		Not Applicable			
Membership of CETP (if require):		Not Applicable			
Note on ETP technology to be used		Not Applicable			
Disposal of the ETP sludge		Not Applicable			



**Government of  
Maharashtra**



30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
31.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Fume Extraction	Electricity	01	45	1.2	40 to 45 degree celsius	
2	Existing Rolling Mill	Electricity	01	30	1.2	40 to 45 degree celsius	
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Electricity	04 MW	15 MW	19 MW			
33.Source of Fuel		MSEDCL					
34.Mode of Transportation of fuel to site		MSEDCL					
35.Energy							
<b>Power requirement:</b>	Source of power supply :	MSEDCL					
	During Construction Phase: (Demand Load)	1 MW					
	DG set as Power back-up during construction phase	500 KVA					
	During Operation phase (Connected load):	15 MW					
	During Operation phase (Demand load):	Existing : 4 MW & Proposed : 15 MW					
	Transformer:	33 KV *3 nos.					
	DG set as Power back-up during operation phase:	2 sets of 500 KVA					
	Fuel used:	HSD					
	Details of high tension line passing through the plot if any:	No					
<b>Energy saving by non-conventional method:</b>							
solar system will be installed at office roof top, street light will be illuminated with solar system.							
36.Detail calculations & % of saving:							

Serial Number	Energy Conservation Measures	Saving %
1	No	00

### 37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Existing Rolling Mill	30 meter stack is provided	Wet Scrubber is installed.
Induction Furnace	45 meter stack will be installed with lightning arrester	Fume extraction system followed by venturi scrubber with stack height 45 meters

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	05 Lacs
	<b>O &amp; M cost:</b>	0.5 Lacs

### 38.Environmental Management plan Budgetary Allocation

#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air pollution	dust suppression and water sprinkling	05
2	Wastewater management	STP	02
3	solid waste Managment	construction debris disposal	05
4	green belt development	green belt development	05
5	environmental Monitoring	Environmental parameters to be monitored	02

#### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution	Pollution Control chimney , water coiling arrangement insulation etc	150	15
2	Wastewater management	Wastewater management	15	2.5
3	Green belt	Development of green belt by plantation of 643 plants herbs and shrubs covering 33% area of total area	5	02
4	Environmental Monitoring and Managment	Air qulaity, Water and wastewater quality, Noise level, soil quality	8	3.5
5	solid waste managment	machinaries	36	08
6	environmental Management cell	for Management of environment	05	03

### 39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

### 40.Any Other Information

No Information Available



# Government of Maharashtra

	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not Applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	Not Applicable
	<b>Category as per schedule of EIA Notification sheet</b>	3 (a) B1
	<b>Court cases pending if any</b>	No
	<b>Other Relevant Informations</b>	No
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	03-08-2017

**3. The proposal has been considered by SEIAA in its 177th 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:**

**Specific Conditions:**

<b>I</b>	PP to explore possibility to plan processing of scrap on other plot so as to ensure proper handling & management of scrap in the proposed area.
<b>II</b>	PP to prepare & implement all safety related training modules and SOP's in English, Hindi and Marathi so as to ensure its effectiveness.
<b>III</b>	PP to ensure disposal of waste slag within four days of its generation so as to avoid uncontrolled dumping/accumulation of slag on site.
<b>IV</b>	PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.
<b>V</b>	PP to submit CER plan to Municipal Commissioner/District Collector and submit the acknowledgement to Member Secretary, SEIAA.
<b>VI</b>	PP to ensure to comply with the conditions stipulated in the Office Memorandum issued by MoEF & CC dated 9th August, 2018.

**General Conditions:**

<b>I</b>	(i)PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP.
<b>II</b>	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
<b>III</b>	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
<b>IV</b>	Proper Housekeeping programmers shall be implemented.
<b>V</b>	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 achieve.
<b>VI</b>	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
<b>VII</b>	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
<b>VIII</b>	Arrangement shall be made that effluent and storm water does not get mixed.
<b>IX</b>	Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
<b>X</b>	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.

XI	The overall noise levels in and around the plant are 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.
XII	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.
XIII	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
XIV	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
XV	(The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
XVI	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.
XVII	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.
XVIII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XIX	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. 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
XX	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 <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a>
XXI	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.
XXII	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.
XXIII	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 <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral 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.
XXIV	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
XXV	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

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. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or 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.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. 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.

9. 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.

10. Any appeal against this Environment 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.

  
Shri. Anil Diggikar (Member Secretary SEIAA)

**Copy to:**

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. MUNICIPAL COMMISSIONER PUNE
10. MUNICIPAL COMMISSIONER SATARA
11. REGIONAL OFFICE MPCB PUNE
12. REGIONAL OFFICE MIDC PUNE
13. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
14. COLLECTOR OFFICE PUNE
15. COLLECTOR OFFICE SATARA
16. COLLECTOR OFFICE SOLAPUR

**ENVIRONMENTAL CLEARANCE COMPLIANCE STATEMENT**

**Project Name:** Proposed MS Billets (1,000 MTD) and Expansion for TMT Bars  
(77 MTD to 1,000 MTD) Manufacturing Unit at A-3, MIDC, Supa,

**Dist.:** Ahmednagar, **State:-** Maharashtra

**By**

**M/s. Ganraj Ispat Pvt. Ltd.**

**Category of the Project:** B1, 3(a) Metallurgical industries (Ferrous and Non-Ferrous)

**Ref. No.:** SEIAA-EC-0000002044 **Dated:** October 16, 2019

**EC Compliance Period:** April to September 2024

S. N.	EC Condition	Compliance Statement
<b>Specific Conditions</b>		
I.	PP to explore possibility to shift scrap processing and slag storage on other plot so as to increase working space in the existing plant.	<b>Complied.</b> The overall plot area of the company is 41,498 square meters, which is adequate for carrying out industrial operations. For the purpose of processing scrap and storing slag, we have leased a space at Plot No. E-2, MIDC, Parner, District: Pune. The area of the property is 3,282 square meters.
II.	PP to prepare & implement all safety related training modules and SOP's in English, Hindi and Marathi so as to ensure its effectiveness.	<b>Complied.</b> We have created and are putting into use safety training modules in English, Hindi, and Marathi to teach our employees how to avoid any risks or mishaps associated with project operations. Standard Operating Procedures (SOPs) have also been prepared for the aforementioned operational activities in compliance with the manufacturing process flowchart.
III.	PP to ensure disposal of waste slag within four days of its generation so as to avoid uncontrolled dumping/accumulation of slag on site.	<b>Noted and being complied.</b> To maintain a safe and clean environment, we transfer generated slag within four days of manufacturing. We are glad to note that brickmakers commonly utilize and acquire this material.
IV.	PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.	<b>Being complied.</b> We have submitted the CER plan to the District Authority for approval on Dated: 13.02.2019 and copy for the same is enclosed as Annexure – I.
V.	PP to submit CER plan to Municipal Commissioner/District Collector and submit the acknowledgement to Member Secretary, SEIAA.	<b>Complied.</b> We have submitted the CER plan to the local body, the District Collector, and the Member secretary.

VI.	PP to ensure to comply with the conditions stipulated in the Office Memorandum issued by MoEF & CC dated 9th August, 2018.	<b>Being complied.</b> As stated in the MoEF&CC, OM Vide F.No. 22-34/2018-IA.III, Subsection 3.0, Point IV for Induction Furnace and Rolling Mills, we are adhering to the rules.
<b>General Conditions</b>		
I.	PP to achieve Zero Liquid Discharge; PP shall ensure that there is no increase in the effluent load to CETP.	<b>Being complied.</b> There is no trade effluent generated, after the APC system was modified and the Ventury Scrubber was changed with a bag filter. Domestic wastewater, which is treated by the STP system, is the only effluent generated by the process. On the project site, the treated water is subsequently used for landscaping and gardening.
II.	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.	<b>Noted and agreed.</b> No additional land shall be used and acquired before obtaining the prior permission.
III.	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.	<b>Being complied.</b> To ensure the health and well-being of our employees, we consistently train them on safety procedures and provide personal protective equipment.
IV.	Proper Housekeeping programmers shall be implemented.	<b>Being complied.</b> We have put in place a well-organized cleaning program to maintain the industry's high standards of cleanliness. This can be accomplished by giving staff members clear policies and procedures that will clarify their roles and duties in upholding cleanliness.
V.	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 achieve.	<b>Noted and agreed to comply.</b>
VI.	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).	<b>Complied.</b> To limit emissions, we put up an acoustic enclosure on the DG set's 5-meter stack.
VII.	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	<b>Being complied.</b> The rainwater recharge pits have been provided by us.



VIII.	Arrangement shall be made that effluent and storm water does not get mixed.	<b>Complied.</b> To prevent the mixing of stormwater and sewage, we have provided separate drainage systems.
IX.	Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.	<b>Being complied.</b> To ensure that the quality of the groundwater doesn't fluctuate; we monitor the groundwater and reports submit to the MPCB regularly along with the six-monthly compliance report.
X.	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.	<b>Being complied.</b> The project site's noise level is being maintained within the permitted limit. The proper personal safety gear, such as earmuffs and earplugs, has been given to the staff.
XI.	The overall noise levels in and around the plant are 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.	<b>Being complied.</b> By installing acoustic hoods, silencers, and enclosures, as well as other noise control measures on all sources of noise generation, the plant's noise levels are kept well within permitted bounds both inside and outside. On the D.G. set, we have installed an acoustic enclosure. In order to lower friction, we also do routine maintenance tasks, including lubricating, oiling, and equipment repair. These precautions have led to significantly lower measured noise levels than the allowed limit.
XII.	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.	<b>Being complied.</b> The plant boundaries are sufficiently surrounded by green space. More planting is in progress, with a focus on utilizing native and indigenous trees.
XIII.	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.	<b>Being complied.</b> We have put in place extensive fire protection measures, such as fully functional firefighting systems and fire extinguishers in the office buildings and furnace areas, to improve safety within the facility.
XIV.	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories	<b>Being complied</b> as per factories act. Regular worker occupational health surveillance is conducted, and records are

	Act.	maintained in compliance with the Factories Act.
XV.	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	<b>Being complied.</b> We have installed fire extinguishers as part of a comprehensive firefighting system that we have planned and put into place for all operational areas.
XVI.	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.	<b>Noted and agreed to comply.</b>
XVII.	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.	<b>Being complied.</b> The on-site emergency management plan includes regular safety training and drills as well as first aid services in case of an emergency.
XVIII.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	<b>Complied.</b> We have established an environment management cell with qualified personnel present in the industrial premises to handle relevant issues.
XIX.	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. 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	<b>Being complied.</b> We have allocated funds for environmental protection measures and provided an itemized breakdown for each project. These funds will be solely used for EMP.
XX.	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	<b>Complied.</b> The advertisement was published in both English and Marathi in two extensively circulated local newspapers in the area. English Advertisement: 20/10/2019. Marathi Advertisement: 20/10/2019.

	Board and may also be seen at Website at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a>	
XXI.	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 1 <sup>st</sup> June & 1 <sup>st</sup> December of each calendar year.	<b>Noted and being complied.</b> The six-monthly EC compliance report is being submitted regularly to all concerned authorities. The dates of previously submitted compliance Reports are as below: 03.12.2019, 08.07.2020, 25.12.2020, 30.06.2021, 20.12.2021, 03.06.2022 & 25.11.2022, 22.05.2023, 25.11.2023.
XXII.	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.	<b>Complied.</b> Copy of the Environmental clearance letter is sent to the concerned departments and also uploaded on the industry website.
XXIII.	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 <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral 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.	<b>Noted and being complied.</b> Along with the monitoring reports according to the guidelines, we are routinely sending the six-month compliance report to the regional offices of the CPCB and SPCB. It is also posted on the industry website and is visible on a digital board next to the main gate.
XXIV.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	<b>Noted and being complied.</b> The six-monthly EC compliance report is being submitted regularly to all concerned authorities. The dates of previously submitted compliance Reports are as below: 03.12.2019, 08.07.2020, 25.12.2020, 30.06.2021, 20.12.2021, 03.06.2022 & 25.11.2022, 22.05.2023, 25.11.2023.
XXV.	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board	<b>Complied</b> The environmental statement has been uploaded to the industry website and is being submitted regularly through March 31 <sup>st</sup> in Form V.

	as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	
--	--	--

# BUDGET FOR ENVIRONMENTAL MANAGEMENT PLAN

Sr. No.	Particulars	Capital cost	Annual recurring cost
		Rupees in lakhs.	
1.	Air Pollution	150.00	15.00
2.	Wastewater management	15.00	2.50
3.	Green belt	05.00	02.0
4.	Monitoring	08.00	3.5
5.	Solid Waste Management	36.00	8.0
6.	Environmental cell	5.00	3.0
	<b>Total</b>	<b>219.00</b>	<b>34.00</b>

## “Water Conservation” (Rain Water Harvesting)

GIPL intends to make full use of rain water for its water requirement and reduce fresh water intake accordingly. Area has varying rainfall of 501 mm to 695 mm in the season, hence average rainfall of 600 mm is considered. GIPL has 41498 m<sup>2</sup> plots for rainwater harvesting. Water quantity which can be harvested is given below:  
Rainwater Harvesting Potential of the Project Area is as given:-

S. No.	Land use type	Area (m <sup>2</sup> )	Coefficient of runoff (Avg.)	Rain fall intensity (m)	Total Quantity m <sup>3</sup>
1	Built up area	13967.03	0.9	0.6	7542.19
2	Green belt	13711.59	0.2	0.6	1645.39
3	Open and Road Area	8793.08	0.8	0.6	4220.67
4	Parking area	5026.66	0.8	0.6	2412.79
<b>Total</b>					<b>15821.04</b>

Rainwater will be collected in raw water storage tank



# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto: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.0000121719/CO/2209000312

Date: 07/09/2022

To,  
M/S. GANRAJ ISPAT PVT LTD,  
Plot No. A:3,SUPA MIDC,  
TAL- PARNER, DIST.- AHMEDNAGAR..



Your Service is Our Duty

**Sub: Consent to Operate (1st) for expansion and amalgamation of  
Renewal of existing Consent to Operate under RED category.**

- Ref:**
1. Consent to Operate granted vide no. BO/JD(APC) TB-3/UAN No. 17607/R/CC-420 dtd. 09.05.2018
  2. Consent to Establish granted vide no. BO/JD(APC)/UAN No. 33828/E/CC-1806000212 dtd. 05.06.2018
  3. Environment Clearance granted vide dtd. 16.10.2019

Your application No.MPCB-CONSENT-0000121719 Dated 14.09.2021

For: grant of Consent to Operate 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 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 operate is granted for a period up to 31/12/2024**
2. **The capital investment of the project is Rs.110 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 74.70 Crs + Expansion/Increase in C.I. - Rs. 35.30 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	MS BILLETS	30000	MT/M
2	MS TMT BARS	30000	MT/M

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	As per Schedule-I	Not Applicable
2.	Domestic effluent	14.5	As per Schedule-I	On land for gardening



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

<b>Sr No.</b>	<b>Stack No.</b>	<b>Description of stack / source</b>	<b>Number of Stack</b>	<b>Standards to be achieved</b>
1	01	INDUCTION FURNACE	1	As per Schedule -II
2	02	REHEATING FURNACE	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

<b>Sr No</b>	<b>Type of Waste</b>	<b>Quantity</b>	<b>UoM</b>	<b>Treatment</b>	<b>Disposal</b>
1	SLAG	30	MT/Day	Sale	SALE TO AUTHORIZED PARTY
2	PROCESS DUST	20	MT/Day	Sale	SALE TO BRICK MANUFACTURING
3	END CUTS OR MISS ROLL	05	MT/Day	Sale	REUSE IN PROCESS

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

<b>Sr No</b>	<b>Category No./ Type</b>	<b>Quantity</b>	<b>UoM</b>	<b>Treatment</b>	<b>Disposal</b>
NA					

**(Industry shall not generate any Hazardous Waste)**

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. Industry shall comply with the conditions of Environment Clearance granted vide dtd. 16.10.2019.
11. This consent is issued pursuant to the decision of the 9th Consent Committee Meeting held on 30.06.2022.
12. Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server.
13. Industry shall apply separately for Consent to Establish towards Scrap Processing Unit- 21000 MT/M.
14. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.

**Received Consent fee of -**

<b>Sr.No</b>	<b>Amount(Rs.)</b>	<b>Transaction/DR.No.</b>	<b>Date</b>	<b>Transaction Type</b>
1	1100000.00	MPCB-DR-8021	21/09/2021	NEFT
2	75000.00	TXN2202001158	10/02/2022	Online Payment

**Balance fees of Rs.3,28,835/-is with Board and same will be adjusted during next renewal of consent.**

**Copy to:**

1. Regional Officer, MPCB, Nashik and Sub-Regional Officer, MPCB, Ahmednagar  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



## **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 Sewage Treatment Plant of designed capacity 25.0 CMD.  
B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

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

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside 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:

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	72.00
2.	Domestic purpose	18.00
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	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:

- 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
01	INDUCTION FURNACE	FES, Bag Filter	45.00	ELECTRICITY 0 -	-	TPM	150 Mg/Nm <sup>3</sup>
02	REHEATING FURNACE	Heat Recuperater, Dust Collector	30.00	ELECTRICITY 0 -	-	TPM	150 Mg/Nm <sup>3</sup>

- 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.
- 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.
- 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	C to O	Rs.5.0 Lakhs	15 Days	Operation & Maintenance of Pollution Control System and compliance of consent conditions	31.12.2024	30.04.2025

**The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days from the date of issue of Consent.**

### BG Forfeiture History

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

### BG Return details

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

## **SCHEDULE-IV**

### **General Conditions:**

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

12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. The PP shall provide personal protection equipment as per norms of Factory Act 1948
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](http://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. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or 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.
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 2024

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000069074

### Submitted Date

05-09-2024

## PART A

### Company Information

#### Company Name

M/S: GANRAJ ISPAT PVT. LTD.

#### Application UAN number

MPCB-CONSENT-0000121719

#### Address

Plot No. A:3,SUPA MIDC, TAL- PARNER,  
DIST.- AHMEDNAGAR

#### Plot no

A-3,MIDC

#### Taluka

PARNER

#### Village

SUPA

#### Capital Investment (In lakhs)

11000

#### Scale

L.S.I

#### City

AHMEDNAGAR

#### Pincode

414301

#### Person Name

GAURAV PRAMOD DUGAD

#### Designation

DIRECTOR

#### Telephone Number

9545363636

#### Fax Number

00

#### Email

ganrajispat125@gmail.com

#### Region

-

#### Industry Category

Red

#### Industry Type

R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units

#### Last Environmental statement submitted online

yes

#### Consent Number

No:- Format1.0/CC/UAN  
No.0000121719/CO/2209000312

#### Consent Issue Date

2022-09-07

#### Consent Valid Upto

2024-12-31

#### Establishment Year

0

#### Date of last environment statement submitted

Sep 26 2023 12:00:00:000AM

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

### Product Information

#### Product Name

MS BILLETS

#### Consent Quantity

360000

#### Actual Quantity

6363.083

#### UOM

MT/A

MS TMT BARS

360000

94262.050

MT/A

### By-product Information

#### By Product Name

NA

#### Consent Quantity

00

#### Actual Quantity

00

#### UOM

MT/A



## Part-B (Water & Raw Material Consumption)

### 1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	72.00	50.10
Domestic	18.00	14.00
All others	0.00	0.00
<b>Total</b>	<b>90.00</b>	<b>64.10</b>

### 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	00	0.81	CMD
MS TMT BARS	0.12	0.75	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 ( OTHER RAW MATERIAL)	30230	105801.812	MT/A

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
ELECTRICITY	00	92568.420	Mwh

## Part-C

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

#### [A] Water

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

#### [B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
SPM/TPM	00	53.9	00	150	00
SO2	00	21.02	00	80	00
NOx	00	21.6	00	80	00

## 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	1219.368	688.554	MT/A
END CUTS OR MISS ROLL	00	188.524	MT/A

### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
PROCESS DUST	00	145.848	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	00

### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
SLAG	688.554	MT/A	30 MT/DAY
PROCESS DUST	145.848	MT/A	20 MT/DAY
END CUTS OR MISS ROLL	188.524	MT/A	05 MT/DAY

## 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)
NA	00	00	00	00	00	00

## Part-H

---

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

**[A] Investment made during the period of Environmental Statement**

<b><i>Detail of measures for Environmental Protection</i></b>	<b><i>Environmental Protection Measures</i></b>	<b><i>Capital Investment (Lacks)</i></b>
IMPROVEMENT IN APC SYSTEM	TECHNOLOGICAL IMPROVEMENT IN APC SYSTEM AND GREEN BELT DEVELOPMENT	4

---

**[B] Investment Proposed for next Year**

<b><i>Detail of measures for Environmental Protection</i></b>	<b><i>Environmental Protection Measures</i></b>	<b><i>Capital Investment (Lacks)</i></b>
TREE PLANTATION AND OTHER EQUIP-MENTAL UPDATE	TECHNOLOGICAL IMPROVEMENT IN APC SYSTEM AND GREEN BELT DEVELOPMENT	5

## Part-I

---

**Any other particulars for improving the quality of the environment.**

**Particulars**

INDUSTRY DUE TAKES CARE OF EMPLOYEES HEALTH AND SAFETY AS WELL AS VERY CAUTIOUS TO REDUCE THE POLLUTION LOAD.

**Name & Designation**

GAURAV PRAMOD DUGAD (DIRECTOR)

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000069074

**Submitted On:**

05-09-2024



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## Form 4

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

### FORM FOR FILING ANNUAL RETURNS

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

**Unique Application Number:**

MPCB-HW\_ANNUAL\_RETURN-0000047506

**Submitted On:**

26-06-2024

**Industry Type :**

Generator

**Submitted for Year:**

2024

**1. Name of the generator/operator of facility**

M/S. GANRAJ ISPAT PVT. LTD.

**Address of the unit/facility**

PLOT NO. A:3, SUPA MIDC, TAL- PARNER, DIST.- AHMEDNAGAR..

**1b. Authorization Number**

Format1.0/CC/UAN No.0000121719/CO/2209000312

**Date of issue**

Sep 7, 2022

**Date of validity of consent**

Dec 31, 2024

**2. Name of the authorised person**

GAURAV PRAMOD DUGAD

**Full address of authorised person**

PLOT NO. A:3, SUPA MIDC, TAL- PARNER, DIST.- AHMEDNAGAR..

**Telephone**

9545363636

**Fax**

00

**Email**

ganrajispat125@gmail.com

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

Product Type *	Product Name *	Consented Quantity	Actual Quantity	UOM
Iron & Steel	MS BILLETS	360000.0000	6363.083	MT/A
Iron & Steel	MS TMT BARS	360000.0000	94262.050	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
Other Hazardous Waste	SLAG	10800.000	688.554	MTA
Other Hazardous Waste	PROCESS DUST	7200.000	145.848	MTA
Other Hazardous Waste	END CUTS OR MISS ROLL	1800.000	188.524	MTA

**2. Quantity dispatched category wise.**

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

**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
Other Hazardous Waste	SLAG	688.554	MTA
Other Hazardous Waste	PROCESS DUST	145.848	MTA

Other Hazardous Waste                      END CUTS OR MISS ROLL    188.524                      MTA

5. Quantity disposed in landfills as such and after treatment

<b>Type</b>	<b>Quantity</b>	<b>UOM</b>
Direct landfilling	00	KL/Anum
Landfill after treatment	00	KL/Anum

6. Quantity incinerated (if applicable) **UOM**

00	KL/Anum
----	---------

Personal Details

<b>Place</b>	<b>Date</b>	<b>Designation</b>
AHMEDNAGAR	2024-06-26	DIRECTOR

## TEST REPORT (Ambient Air)


Report No.	NLES/24-25/04/AA/RE/1037	Report Issue Date	11/04/2024		
Name and Address of Customer	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:10 AM of 05/04/2024 to 5:10 PM of 05/04/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	06/04/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Project Site	Dry bulb temperature	32 <sup>o</sup> C		
Wet bulb temperature	19 <sup>o</sup> C	Relative Humidity	25 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	06/04/2024	End Date of Analysis	11/04/2024		
<b>Results</b>					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	11.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	17.3	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	68.4	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	46.2	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	11.5	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	6.8	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.32	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

## TEST REPORT (Ambient Air)


Report No.	NLES/24-25/04/AA/RE/1038	Report Issue Date	11/04/2024		
Name and Address of Customer	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:20 AM of 05/04/2024 to 5:20 PM of 05/04/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	06/04/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Hanga Village	Dry bulb temperature	33 <sup>0</sup> C		
Wet bulb temperature	19 <sup>0</sup> C	Relative Humidity	24 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	06/04/2024	End Date of Analysis	11/04/2024		
<b>Results</b>					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	11.6	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	14.7	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	63.2	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	48.3	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	10.7	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	6.8	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.25	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

## TEST REPORT (Ambient Air)


Report No.	NLES/24-25/04/AA/RE/1039	Report Issue Date	11/04/2024		
Name and Address of Customer	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:30 AM of 05/04/2024 to 5:30 PM of 05/04/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	06/04/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Sultanpur Village	Dry bulb temperature	32 <sup>o</sup> C		
Wet bulb temperature	19 <sup>o</sup> C	Relative Humidity	24 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	06/04/2024	End Date of Analysis	11/04/2024		
<b>Results</b>					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	11.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	14.6	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	65.3	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	46.1	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	11.2	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	6.34	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.25	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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



## TEST REPORT (Ambient Air)

<b>Report No.</b>	<b>NLES/24-25/04/AA/RE/1040</b>	<b>Report Issue Date</b>	<b>11/04/2024</b>		
<b>Name and Address of Customer</b>	<b>M/s. Ganraj Ispat Pvt. Ltd.</b> Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
<b>Discipline</b>	Chemical	<b>Date &amp; Time of Sampling</b>	From 9:40 AM of 05/04/2024 to 5:40 PM of 05/04/2024 (8 hrs)		
<b>Group</b>	Atmospheric Pollution	<b>Date of receipt of sample in lab</b>	06/04/2024		
<b>Sub Group</b>	Ambient Air	<b>Sampling Procedure</b>	IS 5182 Part 5		
<b>Sampling Location</b>	Waghunde Budruk	<b>Dry bulb temperature</b>	32°C		
<b>Wet bulb temperature</b>	19°C	<b>Relative Humidity</b>	24 %		
<b>Sampling done by</b>	Excell Enviro Services				
<b>Start Date of Analysis</b>	06/04/2024	<b>End Date of Analysis</b>	11/04/2024		
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	13.2	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	17.4	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	66.3	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	44.8	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	11.2	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	5.51	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.24	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

*Kalyani*  
 Reviewed By  
 (Ms. Kalyani Gore)



*Abhishek*  
 Authorized Signatory  
 (Mr. Abhishek Tope)

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

## TEST REPORT (Ambient Air)

Report No.	NLES/24-25/05/AA/RE/1063	Report Issue Date	17/05/2024		
Name and Address of Customer	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:30 AM of 11/05/2024 to 5:30 PM of 11/05/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	13/05/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Project Site	Dry bulb temperature	35 <sup>o</sup> C		
Wet bulb temperature	19 <sup>o</sup> C	Relative Humidity	23 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	13/05/2024	End Date of Analysis	17/05/2024		
<b>Results</b>					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	12.5	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	16.7	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	68.4	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	49.3	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	10.5	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	6.74	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.32	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

*Kalyani*  
Reviewed By  
(Ms. Kalyani Gore)



*Abhishek*  
Authorized Signatory  
(Mr. Abhishek Tope)

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

## TEST REPORT (Ambient Air)

Report No.	NLES/24-25/05/AA/RE/1064	Report Issue Date	17/05/2024
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.		
Discipline	Chemical	Date & Time of Sampling	From 9:40 AM of 11/05/2024 to 5:40 PM of 11/05/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	13/05/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Hanga Village	Dry bulb temperature	34°C
Wet bulb temperature	19°C	Relative Humidity	23 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	13/05/2024	End Date of Analysis	17/05/2024

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	11.3	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	14.8	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	67.2	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	43.7	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	11.9	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	6.81	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.24	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11

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

**Terms and Conditions**

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

Kalyani

Reviewed By  
(Ms. Kalyani Gore)



Abhishek

Authorized Signatory  
(Mr. Abhishek Tope)

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

# Neetal Laboratories And Environmental Services Pvt. Ltd.

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

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

TEST REPORT (Ambient Air)					
Report No.	NLES/24-25/05/AA/RE/1065	Report Issue Date	17/05/2024		
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:50 AM of 11/05/2024 to 5:50 PM of 11/05/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	13/05/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Sultanpur Village	Dry bulb temperature	35°C		
Wet bulb temperature	19°C	Relative Humidity	21 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	13/05/2024	End Date of Analysis	17/05/2024		
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	13.1	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	18.5	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	65.4	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	43.9	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	11.5	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	6.81	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.25	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

#### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

*Kalyani*  
Reviewed By  
(Ms. Kalyani Gore)



*Abhishek*  
Authorized Signatory  
(Mr. Abhishek Tope)

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

# Neetal Laboratories And Environmental Services Pvt. Ltd.

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

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

## TEST REPORT (Ambient Air)

Report No.	NLES/24-25/05/AA/RE/1066	Report Issue Date	17/05/2024
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.		
Discipline	Chemical	Date & Time of Sampling	From 10:00 AM of 11/05/2024 to 6:00 PM of 11/05/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	13/05/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Waghunde Budruk	Dry bulb temperature	34 <sup>0</sup> C
Wet bulb temperature	19 <sup>0</sup> C	Relative Humidity	23 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	13/05/2024	End Date of Analysis	17/05/2024

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	9.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	13.8	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	65.9	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	48.4	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	11.5	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	5.89	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.23	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11

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

#### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

*Kalyani*  
Reviewed By  
(Ms. Kalyani Gore)



*Abhishek*  
Authorized Signatory  
(Mr. Abhishek Tope)

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

<b>TEST REPORT (Ambient Air)</b>					
<b>Report No.</b>	NLES/24-25/06/AA/RE/754	<b>Report Issue Date</b>	12/06/2024		
<b>Name and Address of Customer</b>	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
<b>Discipline</b>	Chemical	<b>Date &amp; Time of Sampling</b>	From 9:00 AM of 06/06/2024 to 5:00 PM of 06/06/2024 (8 hrs)		
<b>Group</b>	Atmospheric Pollution	<b>Date of receipt of sample in lab</b>	07/06/2024		
<b>Sub Group</b>	Ambient Air	<b>Sampling Procedure</b>	IS 5182 Part 5		
<b>Sampling Location</b>	Project Site	<b>Dry bulb temperature</b>	30°C		
<b>Wet bulb temperature</b>	21°C	<b>Relative Humidity</b>	39 %		
<b>Sampling done by</b>	Excell Enviro Services				
<b>Start Date of Analysis</b>	07/06/2024	<b>End Date of Analysis</b>	12/06/2024		
<b>Results</b>					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	11.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	17.2	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	63.8	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	42.5	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	12.3	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	5.57	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.28	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

**Terms and Conditions**

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

*Kalyani*  
 Reviewed By  
 (Ms. Kalyani Gore)



*Abhishek*  
 Authorized Signatory  
 (Mr. Abhishek Tope)

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

## TEST REPORT (Ambient Air)

Report No.	NLES/24-25/06/AA/RE/755	Report Issue Date	12/06/2024		
Name and Address of Customer	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner, Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:10 AM of 06/06/2024 to 5:10 PM of 06/06/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	07/06/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Hanga Village	Dry bulb temperature	29°C		
Wet bulb temperature	21°C	Relative Humidity	35 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	07/06/2024	End Date of Analysis	12/06/2024		
<b>Results</b>					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	12.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	16.5	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	58.7	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	35.9	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	11.7	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	6.9	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.26	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

*Kalyani*  
Reviewed By  
(Ms. Kalyani Gore)



*Abhishek*  
Authorized Signatory  
(Mr. Abhishek Tope)

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

# Neetal Laboratories And Environmental Services Pvt. Ltd.

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

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

## TEST REPORT (Ambient Air)


Report No.	NLES/24-25/06/AA/RE/756	Report Issue Date	12/06/2024		
Name and Address of Customer	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:20 AM of 06/06/2024 to 5:20 PM of 06/06/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	07/06/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Sultanpur Village	Dry bulb temperature	29°C		
Wet bulb temperature	21°C	Relative Humidity	39 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	07/06/2024	End Date of Analysis	12/06/2024		
<b>Results</b>					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	13.2	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	14.6	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	58.4	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	35.2	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	11.9	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	5.42	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.22	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

Page 1 of 1




## TEST REPORT (Ambient Air)


Report No.	NLES/24-25/06/AA/RE/757	Report Issue Date	12/06/2024		
Name and Address of Customer	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:30 AM of 06/06/2024 to 5:30 PM of 06/06/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	07/06/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Waghunde Budruk	Dry bulb temperature	29 <sup>o</sup> C		
Wet bulb temperature	21 <sup>o</sup> C	Relative Humidity	39 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	07/06/2024	End Date of Analysis	12/06/2024		
<b>Results</b>					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	10.2	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	15.3	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	59.4	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	37.5	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	12.2	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	5.16	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.23	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

# Neetal Laboratories And Environmental Services Pvt. Ltd.

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

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

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

Certifications :

ISO 9001 : 2015

ISO 14001 : 2015


ISO 45001 : 2018

## TEST REPORT


Report No.	NLES/24-25/06/NI/RE/758	Report Issue Date	12/06/2024	
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.			
Discipline	Chemical			
Group	Atmospheric Pollution			
Sub Group	Ambient Air			
Sample Name	Ambient Noise			
Date of Sampling	06/06/2024			
Method of Sampling	IS 9989: 1981			
Sampling Duration	Spot Noise			
Sampling done by	Excell Enviro Services			
<b>Results</b>				
Sr. No.	Location	Average Noise Level Reading dB(A)		Limits as per CPCB guidelines
		Day Time	Night Time	
1	Main Gate	66.2	52.8	Day Time = 75 dB Night Time =70 dB
2	Admin Office	54.8	43.2	
<b>Remark-</b> All above Noise level results are within Central Pollution Control Board Standards limit.				

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

Page 1 of 1

# 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 (Stack Emission)

Report No.	NLES/24-25/06/ST/RE/759	Report Issue Date	12/06/2024
Name and Address of Customer	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.		
Discipline	Chemical	Sample Description	Stack Material: MS
Group	Pollution & Environment.		Stack Height: 45 Mtr
Sub Group	Stack Emission		Stack Type: Round
Date of Sampling	06/06/2024	Sampling Location	Induction Furnace Stack
Date of receipt of sample in lab	07/06/2024	Sampling duration	30 Min
Sampling done by	Excell Enviro Services	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	07/06/2024	End Date of Analysis	12/06/2024

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	54	°C	--	--
2	Differential Pressure	3.2	mm WG		
3	Velocity	6.16	M/s		
4	Total Particulate Matter	32.5	mg/Nm3	≤ 100	IS 11255 (Part 1)
5	Sulphur Dioxide (SO <sub>2</sub> )	17.6	mg/Nm3	N.S.	IS 11255 (Part 2)
6	Sulphur Dioxide (SO <sub>2</sub> )	0.56	Kg/day	N.S.	IS 11255 (Part 2)
7	Oxides of Nitrogen (Nox)	22.4	mg/Nm3	N.S.	IS 11255 (Part 7)


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

#### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

Page 1 of 1

## TEST REPORT (Stack Emission)

Report No.	NLES/24-25/06/ST/RE/760	Report Issue Date	12/06/2024
Name and Address of Customer	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.		
Discipline	Chemical	Sample Description	Stack Material: MS
Group	Pollution & Environment.		Stack Height: 30 Mtr
Sub Group	Stack Emission		Stack Type: Round
Date of Sampling	06/06/2024	Sampling Location	Re-Heating Furnace Stack
Date of receipt of sample in lab	07/06/2024	Sampling duration	30 Min
Sampling done by	Excell Enviro Services	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	07/06/2024	End Date of Analysis	12/06/2024

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	57	°C	--	--
2	Differential Pressure	3.4	mm WG		
3	Velocity	6.38	M/s		
4	Total Particulate Matter	28.5	mg/Nm3	≤ 100	IS 11255 (Part 1)
5	Sulphur Dioxide (SO <sub>2</sub> )	16.4	mg/Nm3	N.S.	IS 11255 (Part 2)
6	Sulphur Dioxide (SO <sub>2</sub> )	0.56	Kg/day	N.S.	IS 11255 (Part 2)
7	Oxides of Nitrogen (Nox)	13.7	mg/Nm3	N.S.	IS 11255 (Part 7)


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

#### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

# Neetal Laboratories And Environmental Services Pvt. Ltd.

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

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

## TEST REPORT


Report No:	NLES/24-25/06/WZ/RE/761	Report Issue Date	12/06/2024	
Name and Address of Customer	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.			
Sample Name	Workzone Noise	Date of Sampling	06/06/2024	
Sampling done by	Excell Enviro Services			
<b>Results</b>				
Sr. No.	Locations	dB(A)	Specifications (The Factories Act 1948, standards)	Method
1.	Furnace Shed	82.5	≤90	CPCB Guideline
2.	Rolling Mill Shed	77.3		
<b>Remark-</b> The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.				

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

Page 1 of 1

# 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 (Fugitive Emission)

Report No.	NLES/24-25/06/AA/RE/834	Report Issue Date	12/06/2024
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.		
Discipline	Chemical	Date & Time of Sampling	From 10:30 AM of 06/06/2024
Group	Atmospheric Pollution	Date of receipt of sample in lab	07/06/2024
Sub Group	Fugitive Emission	Sampling Location	Factory Main Gate
Dry bulb temperature	27°C	Wet bulb temperature	23 °C
Relative Humidity	38 %	Sampling done by	Excell Enviro Services
Start Date of Analysis	07/06/2024	End Date of Analysis	12/06/2024

### Results

Sr. No.	Parameters	Results	Unit(s)	Norms	Methods
1	Suspended Particulate Matter (SPM)	1632.7	µg/m <sup>3</sup>	≤ 2000	IS 5182 (Part 23)
2	Respirable Suspended Particulate Matter (RSPM)	489.5	µg/m <sup>3</sup>	-	IS 5182 (Part 23)


Remark- All above results are within Limits

#### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

Page 1 of 1

# 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 (Fugitive Emission)

Report No.	NLES/24-25/06/AA/RE/835	Report Issue Date	12/06/2024
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.		
Discipline	Chemical	Date & Time of Sampling	From 11:00 AM of 06/06/2024
Group	Atmospheric Pollution	Date of receipt of sample in lab	07/06/2024
Sub Group	Fugitive Emission	Sampling Location	Furnace Shed
Dry bulb temperature	27°C	Wet bulb temperature	22°C
Relative Humidity	39%	Sampling done by	Excell Enviro Services
Start Date of Analysis	07/06/2024	End Date of Analysis	12/06/2024


### Results

Sr. No.	Parameters	Results	Unit(s)	Norms	Methods
1	Suspended Particulate Matter (SPM)	1694.6	µg/m <sup>3</sup>	≤ 2000	IS 5182 (Part 23)
2	Respirable Suspended Particulate Matter (RSPM)	537.4	µg/m <sup>3</sup>	-	IS 5182 (Part 23)


Remark- All above results are within Limits

#### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

Page 1 of 1

# 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 (Fugitive Emission)

Report No.	NLES/24-25/06/AA/RE/836	Report Issue Date	12/06/2024
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.		
Discipline	Chemical	Date & Time of Sampling	From 11:30 AM of 06/06/2024
Group	Atmospheric Pollution	Date of receipt of sample in lab	07/06/2024
Sub Group	Fugitive Emission	Sampling Location	Mill shed
Dry bulb temperature	28°C	Wet bulb temperature	23 °C
Relative Humidity	37 %	Sampling done by	Excell Enviro Services
Start Date of Analysis	07/06/2024	End Date of Analysis	12/06/2024


### Results

Sr. No.	Parameters	Results	Unit(s)	Norms	Methods
1	Suspended Particulate Matter (SPM)	1591.4	µg/m <sup>3</sup>	≤ 2000	IS 5182 (Part 23)
2	Respirable Suspended Particulate Matter (RSPM)	601.3	µg/m <sup>3</sup>	-	IS 5182 (Part 23)


Remark- All above results are within Limits

#### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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



# Neetal Laboratories And Environmental Services Pvt. Ltd.

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

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

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

Certifications :

ISO 9001 : 2015

ISO 14001 : 2015

ISO 45001 : 2018

## TEST REPORT (Ambient Air)


Report No.	NLES/24-25/07/AA/RE/937	Report Issue Date	18/07/2024		
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:15 AM of 12/07/2024 to 5:15 PM of 12/07/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	13/07/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Project Site	Dry bulb temperature	28 <sup>o</sup> C		
Wet bulb temperature	23 <sup>o</sup> C	Relative Humidity	75 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	13/07/2024	End Date of Analysis	18/07/2024		
<b>Results</b>					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	8.84	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	13.7	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	47.6	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	26.3	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	11.5	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	5.26	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.24	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Toppe)

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

Page 1 of 1

## TEST REPORT (Ambient Air)

Report No.	NLES/24-25/07/AA/RE/938	Report Issue Date	18/07/2024		
Name and Address of Customer	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:30 AM of 12/07/2024 to 5:30 PM of 12/07/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	13/07/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Hanga Village	Dry bulb temperature	27 <sup>0</sup> C		
Wet bulb temperature	23 <sup>0</sup> C	Relative Humidity	73 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	13/07/2024	End Date of Analysis	18/07/2024		
<b>Results</b>					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	8.06	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	13.4	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	46.1	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	27.3	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	11.8	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	5.27	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.25	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

*Kalyani*  
Reviewed By  
(Ms. Kalyani Gore)



*Abhishek*  
Authorized Signatory  
(Mr. Abhishek Tope)

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

# Neetal Laboratories And Environmental Services Pvt. Ltd.

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

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


TEST REPORT (Ambient Air)					
Report No.	NLES/24-25/07/AA/RE/939	Report Issue Date	18/07/2024		
Name and Address of Customer	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:40 AM of 12/07/2024 to 5:40 PM of 12/07/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	13/07/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Sultanpur Village	Dry bulb temperature	27 <sup>o</sup> C		
Wet bulb temperature	23 <sup>o</sup> C	Relative Humidity	76 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	13/07/2024	End Date of Analysis	18/07/2024		
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	7.56	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	12.8	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	45.9	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	26.7	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	11.4	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	6.29	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.27	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

#### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

<b>TEST REPORT (Ambient Air)</b>					
<b>Report No.</b>	NLES/24-25/07/AA/RE/940	<b>Report Issue Date</b>	18/07/2024		
<b>Name and Address of Customer</b>	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
<b>Discipline</b>	Chemical	<b>Date &amp; Time of Sampling</b>	From 9:50 AM of 12/07/2024 to 5:50 PM of 12/07/2024 (8 hrs)		
<b>Group</b>	Atmospheric Pollution	<b>Date of receipt of sample in lab</b>	13/07/2024		
<b>Sub Group</b>	Ambient Air	<b>Sampling Procedure</b>	IS 5182 Part 5		
<b>Sampling Location</b>	Waghunde Budruk	<b>Dry bulb temperature</b>	27 <sup>0</sup> C		
<b>Wet bulb temperature</b>	23 <sup>0</sup> C	<b>Relative Humidity</b>	75 %		
<b>Sampling done by</b>	Excell Enviro Services				
<b>Start Date of Analysis</b>	13/07/2024	<b>End Date of Analysis</b>	18/07/2024		
<b>Results</b>					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	11.8	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	13.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	45.4	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	27.3	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	11.5	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	5.72	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.26	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

**Terms and Conditions**

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

Kalyani

Reviewed By  
(Ms. Kalyani Gore)



Abhishek Tope

Authorized Signatory  
(Mr. Abhishek Tope)

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

# Neetal Laboratories And Environmental Services Pvt. Ltd.

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

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

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

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

## TEST REPORT

Report No.	NLES/24-25/07/W/RE/941	Report Issue Date	18/07/2024
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.		
Discipline	Chemical	Date of Sample Collection	12/07/2024
Group	Water	Date of receipt of sample in lab	13/07/2024
Sub Group	Surface Water	Sample Quantity	02 Liter Plastic Can
Sample Description	Hanga River	Sample Status	Sealed
Sample Collected by	Excell Enviro Services		
Start Date of Analysis	13/07/2024	End Date of Analysis	18/07/2024

### Results


Sr. No.	Parameters	Unit(s)	Results	Methods
<b>PHYSICAL PARAMETERS</b>				
1	Odour	-	Agreeable	IS 3025 Part-5
2	pH at 25 <sup>0</sup> C	-	7.79	APHA 4500 H+ A, 23 <sup>rd</sup> Ed. 2017
3	Turbidity	NTU	1.26	IS 3025 Part-10
4	Total Dissolved Solids	mg/l	645	APHA 2540 C, 23 <sup>rd</sup> Ed. 2017
5	Ammonical Nitrogen as N	mg/l	0.36	APHA 4500 NH <sub>3</sub> , 23 <sup>rd</sup> Ed. 2017.
6	Calcium (as Ca)	mg/l	79.8	APHA 3500 Ca B, 23 <sup>rd</sup> Ed. 2017
7	Chloride (as Cl)	mg/l	112.9	APHA 4500 Cl <sup>-</sup> B 23 <sup>rd</sup> Ed. 2017
8	Fluoride (as F)	mg/l	0.71	APHA 4500 F <sup>-</sup> D 23 <sup>rd</sup> Ed. 2017
9	Residual Chlorine	mg/l	<0.30	IS 3025 Part 26 (Rev.1, RA 2014)
10	Magnesium (as Mg)	mg/l	31.4	APHA 3500 Mg A, 23 <sup>rd</sup> Ed. 2017
11	Nitrate (as NO <sub>3</sub> )	mg/l	4.28	APHA 4500 NO <sub>3</sub> - B 23 <sup>rd</sup> Ed. 2017
12	Sulphate (as SO <sub>4</sub> )	mg/l	72.6	APHA 4500 SO <sub>4</sub> E, 23 <sup>rd</sup> Ed. 2017
13	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	256.9	APHA 2320 B, 23 <sup>rd</sup> Ed. 2017
14	Total Hardness (as CaCO <sub>3</sub> )	mg/l	316.7	APHA 2340 B, 23 <sup>rd</sup> Ed. 2017
15	Iron (as Fe)	mg/l	0.26	APHA 3500 Fe B ,23 <sup>rd</sup> Ed. 2017
16	Colour	Hazen	1.0	IS 3025 (Part-4)

#### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

# Neetal Laboratories And Environmental Services Pvt. Ltd.

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

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

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

Certifications :

ISO 9001 : 2015

ISO 14001 : 2015

ISO 45001 : 2018

## TEST REPORT

Report No.	NLES/24-25/07/W/RE/942	Report Issue Date	18/07/2024
Name and Address of Customer	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.		
Discipline	Chemical	Date of Sample Collection	12/07/2024
Group	Water	Date of receipt of sample in lab	13/07/2024
Sub Group	Surface Water	Sample Quantity	02 Liter Plastic Can
Sample Description	Sultanpur Village	Sample Status	Sealed
Sample Collected by	Excell Enviro Services		
Start Date of Analysis	13/07/2024	End Date of Analysis	18/07/2024

## Results


Sr. No.	Parameters	Unit(s)	Results	Methods
<b>PHYSICAL PARAMETERS</b>				
1	Odour	-	Agreeable	IS 3025 Part-5
2	pH at 25°C	-	7.85	APHA 4500 H+ A, 23 <sup>rd</sup> Ed. 2017
3	Turbidity	NTU	2.46	IS 3025 Part-10
4	Total Dissolved Solids	mg/l	529	APHA 2540 C, 23 <sup>rd</sup> Ed. 2017
5	Ammonical Nitrogen as N	mg/l	0.16	APHA 4500 NH <sub>3</sub> , 23 <sup>rd</sup> Ed. 2017.
6	Calcium (as Ca)	mg/l	75.3	APHA 3500 Ca B, 23 <sup>rd</sup> Ed. 2017
7	Chloride (as Cl)	mg/l	94.8	APHA 4500 Cl <sup>-</sup> B 23 <sup>rd</sup> Ed. 2017
8	Fluoride (as F)	mg/l	0.65	APHA 4500 F- D 23 <sup>rd</sup> Ed. 2017
9	Residual Chlorine	mg/l	<0.30	IS 3025 Part 26 (Rev.1, RA 2014)
10	Magnesium (as Mg)	mg/l	24.7	APHA 3500 Mg A, 23 <sup>rd</sup> Ed. 2017
11	Nitrate (as NO <sub>3</sub> )	mg/l	3.09	APHA 4500 NO <sub>3</sub> - B 23 <sup>rd</sup> Ed. 2017
12	Sulphate (as SO <sub>4</sub> )	mg/l	46.9	APHA 4500 SO <sub>4</sub> E, 23 <sup>rd</sup> Ed. 2017
13	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	256.7	APHA 2320 B, 23 <sup>rd</sup> Ed. 2017
14	Total Hardness (as CaCO <sub>3</sub> )	mg/l	294.8	APHA 2340 B, 23 <sup>rd</sup> Ed. 2017
15	Iron (as Fe)	mg/l	0.21	APHA 3500 Fe B ,23 <sup>rd</sup> Ed. 2017
16	Colour	Hazen	1.0	IS 3025 (Part-4)

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

## TEST REPORT


Report No.	NLES/24-25/07/W/RE/943	Report Issue Date	18/07/2024	
Name and Address of Customer	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.			
Discipline	Chemical	Date of Sample Collection	12/07/2024	
Group	Water	Date of receipt of sample in lab	13/07/2024	
Sub Group	Ground Water	Sample Quantity	02 Liter Plastic Can	
Sample Description	Hanga Village-Borewell Water	Sample Status	Sealed	
Sample Collected by	Excell Enviro Services			
Start Date of Analysis	13/07/2024	End Date of Analysis	18/07/2024	
<b>Results</b>				
Sr. No.	Parameters	Unit(s)	Results	Methods
<b>PHYSICAL PARAMETERS</b>				
1	Odour	-	Agreeable	IS 3025 Part-5
2	pH at 25°C	-	6.82	APHA 4500 H+ A, 23 <sup>rd</sup> Ed. 2017
3	Turbidity	NTU	0.54	IS 3025 Part-10
4	Total Dissolved Solids	mg/l	637	APHA 2540 C, 23 <sup>rd</sup> Ed. 2017
5	Ammonical Nitrogen as N	mg/l	0.19	APHA 4500 NH3, 23 <sup>rd</sup> Ed. 2017.
6	Calcium (as Ca)	mg/l	107.5	APHA 3500 Ca B, 23 <sup>rd</sup> Ed. 2017
7	Chloride (as Cl)	mg/l	154.6	APHA 4500 Cl <sup>-</sup> B 23 <sup>rd</sup> Ed. 2017
8	Fluoride (as F)	mg/l	0.32	APHA 4500 F <sup>-</sup> D 23 <sup>rd</sup> Ed. 2017
9	Residual Chlorine	mg/l	<0.30	IS 3025 Part 26 (Rev.1, RA 2014)
10	Magnesium (as Mg)	mg/l	42.3	APHA 3500 Mg A, 23 <sup>rd</sup> Ed. 2017
11	Nitrate (as NO <sub>3</sub> )	mg/l	9.24	APHA 4500 NO3- B 23 <sup>rd</sup> Ed. 2017
12	Sulphate (as SO <sub>4</sub> )	mg/l	89.6	APHA 4500 SO4 E, 23 <sup>rd</sup> Ed. 2017
13	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	284.5	APHA 2320 B, 23 <sup>rd</sup> Ed. 2017
14	Total Hardness (as CaCO <sub>3</sub> )	mg/l	361.2	APHA 2340 B, 23 <sup>rd</sup> Ed. 2017
15	Iron (as Fe)	mg/l	0.23	APHA 3500 Fe B ,23 <sup>rd</sup> Ed. 2017
16	Colour	Hazen	1.0	IS 3025 (Part-4)

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

# Neetal Laboratories And Environmental Services Pvt. Ltd.

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

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

## TEST REPORT

Report No.	NLES/24-25/07/W/RE/944	Report Issue Date	18/07/2024
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.		
Discipline	Chemical	Date of Sample Collection	12/07/2024
Group	Water	Date of receipt of sample in lab	13/07/2024
Sub Group	Ground Water	Sample Quantity	02 Liter Plastic Can
Sample Description	Sultanpur Village-Well Water	Sample Status	Sealed
Sample Collected by	Excell Enviro Services		
Start Date of Analysis	13/07/2024	End Date of Analysis	18/07/2024

## Results

Sr. No.	Parameters	Unit(s)	Results	Methods
<b>PHYSICAL PARAMETERS</b>				
1	Odour	-	Agreeable	IS 3025 Part-5
2	pH at 25°C	-	6.85	APHA 4500 H+ A, 23 <sup>rd</sup> Ed. 2017
3	Turbidity	NTU	2.37	IS 3025 Part-10
4	Total Dissolved Solids	mg/l	510	APHA 2540 C, 23 <sup>rd</sup> Ed. 2017
5	Ammonical Nitrogen as N	mg/l	0.15	APHA 4500 NH3, 23 <sup>rd</sup> Ed. 2017.
6	Calcium (as Ca)	mg/l	62.1	APHA 3500 Ca B, 23 <sup>rd</sup> Ed. 2017
7	Chloride (as Cl)	mg/l	91.2	APHA 4500 Cl <sup>-</sup> - B 23 <sup>rd</sup> Ed. 2017
8	Fluoride (as F)	mg/l	0.32	APHA 4500 F <sup>-</sup> - D 23 <sup>rd</sup> Ed. 2017
9	Residual Chlorine	mg/l	<0.30	IS 3025 Part 26 (Rev.1, RA 2014)
10	Magnesium (as Mg)	mg/l	29.8	APHA 3500 Mg A, 23 <sup>rd</sup> Ed. 2017
11	Nitrate (as NO <sub>3</sub> )	mg/l	3.5	APHA 4500 NO3- B 23 <sup>rd</sup> Ed. 2017
12	Sulphate (as SO <sub>4</sub> )	mg/l	56.4	APHA 4500 SO4 E, 23 <sup>rd</sup> Ed. 2017
13	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	224.3	APHA 2320 B, 23 <sup>rd</sup> Ed. 2017
14	Total Hardness (as CaCO <sub>3</sub> )	mg/l	256.9	APHA 2340 B, 23 <sup>rd</sup> Ed. 2017
15	Iron (as Fe)	mg/l	0.21	APHA 3500 Fe B ,23 <sup>rd</sup> Ed. 2017
16	Colour	Hazen	1.0	IS 3025 (Part-4)

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

*Kalyani*  
Reviewed By  
(Ms. Kalyani Gore)



*Abhishek Tope*  
Authorized Signatory  
(Mr. Abhishek Tope)

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

Page 1 of 1



## TEST REPORT


Report No.	NLES/24-25/07/SI/RE/945	Report Issue Date	18/07/2024	
Name and Address of Customer	M/s. Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.			
Discipline	Chemical	Date of Sample Collection	12/07/2024	
Group	Pollution & Environment	Date of receipt of sample in lab	13/07/2024	
Sub Group	Soil / Sediments	Sample Quantity	01 Kg	
Sample Description	Project Site	Sample Status	Sealed	
Sample Collected by	Excell Enviro Services			
Start Date of Analysis	13/07/2024	End Date of Analysis	18/07/2024	
<b>Results</b>				
Sr. No.	Parameters	Units	Results	Methods
1	Colour	--	Black	Manual of Soil Testing
2	pH	--	7.59	Manual of Soil Testing
3	Electrical Conductivity	µs/Cm	610.4	
4	Chloride as Cl <sup>-</sup>	mg/Kg	53.6	
5	Sulphate as SO <sub>4</sub> <sup>2-</sup>	mg/Kg	32.4	
6	Iron as Fe	mg/Kg	0.52	
7	Available Sodium as Na	mg/Kg	25.9	FAO, Sec. II-I
8	Available Potassium as K	mg/Kg	24.1	IS :2720 P-17/36
9	Available Phosphorous as PO <sub>4</sub>	Kg/ha	57.2	IS 14765
10	Calcium as Ca	mg/Kg	20.1	Manual of Soil Testing
11	Magnesium as Mg	mg/Kg	18.5	IS 2720 (Part 26)
12	Water Holding Capacity	%	51.0	IS 14767:
14	Bulk Density	g/cm <sup>3</sup>	1.21	Manual of Soil Testing
15	Water Content/Moisture	%	43.7	Manual of Soil Testing
16	Texture	--	Clay	Manual of Soil Testing
17	Lead	mg/Kg	0.62	EPA 3050 B

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

# Neetal Laboratories And Environmental Services Pvt. Ltd.

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

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

## TEST REPORT

Report No.	NLES/24-25/07/SI/RE/946	Report Issue Date	18/07/2024
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.		
Discipline	Chemical	Date of Sample Collection	12/07/2024
Group	Pollution & Environment	Date of receipt of sample in lab	13/07/2024
Sub Group	Soil / Sediments	Sample Quantity	01 Kg
Sample Description	Hanga Village	Sample Status	Sealed
Sample Collected by	Excell Enviro Services		
Start Date of Analysis	13/07/2024	End Date of Analysis	18/07/2024

### Results


Sr. No.	Parameters	Units	Results	Methods
1	Colour	--	Black	Manual of Soil Testing
2	pH	--	7.81	Manual of Soil Testing
3	Electrical Conductivity	µs/Cm	458.9	
4	Chloride as Cl <sup>-</sup>	mg/Kg	42.3	
5	Sulphate as SO <sub>4</sub> <sup>2-</sup>	mg/Kg	23.9	
6	Iron as Fe	mg/Kg	0.76	
7	Available Sodium as Na	mg/Kg	22.1	FAO, Sec. II-I
8	Available Potassium as K	mg/Kg	26.4	IS :2720 P-17/36
9	Available Phosphorous as PO <sub>4</sub>	Kg/ha	54.8	IS 14765
10	Calcium as Ca	mg/Kg	28.9	Manual of Soil Testing
11	Magnesium as Mg	mg/Kg	15.3	IS 2720 (Part 26)
12	Water Holding Capacity	%	51.0	IS 14767:
14	Bulk Density	g/cm <sup>3</sup>	1.19	Manual of Soil Testing
15	Water Content/Moisture	%	44.5	Manual of Soil Testing
16	Texture	--	Clay	Manual of Soil Testing
17	Lead	mg/Kg	0.19	EPA 3050 B

#### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

# Neetal Laboratories And Environmental Services Pvt. Ltd.


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

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


TEST REPORT (Ambient Air)					
Report No.	NLES/24-25/08/AA/RE/948	Report Issue Date	13/08/2024		
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:00 AM of 06/08/2024 to 5:00 PM of 06/08/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	07/08/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Project Site	Dry bulb temperature	27 <sup>0</sup> C		
Wet bulb temperature	23 <sup>0</sup> C	Relative Humidity	79 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	07/08/2024	End Date of Analysis	13/08/2024		
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	10.5	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	13.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	46.7	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	35.4	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	11.9	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	5.6	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.28	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

#### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

## TEST REPORT (Ambient Air)

Report No.	NLES/24-25/08/AA/RE/949	Report Issue Date	13/08/2024		
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:10 AM of 06/08/2024 to 5:10 PM of 06/08/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	07/08/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Hanga Village	Dry bulb temperature	27°C		
Wet bulb temperature	24°C	Relative Humidity	75 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	07/08/2024	End Date of Analysis	13/08/2024		
<b>Results</b>					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	8.56	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	14.2	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	46.9	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	29.5	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	11.7	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	5.81	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.26	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

*Kalyani*  
Reviewed By  
(Ms. Kalyani Gore)



*Abhishek*  
Authorized Signatory  
(Mr. Abhishek Tope)

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

## TEST REPORT (Ambient Air)

Report No.	NLES/24-25/08/AA/RE/950	Report Issue Date	13/08/2024		
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:20 AM of 06/08/2024 to 5:20 PM of 06/08/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	07/08/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Sultanpur Village	Dry bulb temperature	27 <sup>o</sup> C		
Wet bulb temperature	24 <sup>o</sup> C	Relative Humidity	74 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	07/08/2024	End Date of Analysis	13/08/2024		
<b>Results</b>					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	9.1	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	13.4	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	46.9	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	27.5	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	11.7	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	7.2	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.25	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

*Kalyani*  
Reviewed By  
(Ms. Kalyani Gore)



*Abhishek*  
Authorized Signatory  
(Mr. Abhishek Tope)

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

# Neetal Laboratories And Environmental Services Pvt. Ltd.

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

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

## TEST REPORT (Ambient Air)


Report No.	NLES/24-25/08/AA/RE/951	Report Issue Date	13/08/2024		
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:30 AM of 06/08/2024 to 5:30 PM of 06/08/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	07/08/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Waghunde Budruk	Dry bulb temperature	27°C		
Wet bulb temperature	23°C	Relative Humidity	74 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	07/08/2024	End Date of Analysis	13/08/2024		
<b>Results</b>					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	11.4	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	16.2	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	47.2	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	26.7	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	12.1	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	5.9	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.25	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark- All above results are within National Ambient Air Quality standards.</b>					

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

# Neetal Laboratories And Environmental Services Pvt. Ltd.

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

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

## TEST REPORT (Ambient Air)


Report No.	NLES/24-25/09/AA/RE/1358	Report Issue Date	14/09/2024		
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:00 AM of 09/09/2024 to 5:00 PM of 09/09/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	10/09/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Project Site	Dry bulb temperature	27°C		
Wet bulb temperature	24°C	Relative Humidity	77 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	10/09/2024	End Date of Analysis	14/09/2024		
<b>Results</b>					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	10.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	14.2	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	47.5	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	28.6	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	11.7	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	5.12	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.25	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

## TEST REPORT (Ambient Air)

Report No.	NLES/24-25/09/AA/RE/1359	Report Issue Date	14/09/2024		
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:10 AM of 09/09/2024 to 5:10 PM of 09/09/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	10/09/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Hanga Village	Dry bulb temperature	27°C		
Wet bulb temperature	24°C	Relative Humidity	77 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	10/09/2024	End Date of Analysis	14/09/2024		
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	9.5	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	13.4	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	48.6	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	30.5	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	12.7	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	5.12	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.26	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

*Kalyani*  
 Reviewed By  
 (Ms. Kalyani Gore)



*Abhishek*  
 Authorized Signatory  
 (Mr. Abhishek Tope)

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



## TEST REPORT (Ambient Air)

Report No.	NLES/24-25/09/AA/RE/1360	Report Issue Date	14/09/2024
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.		
Discipline	Chemical	Date & Time of Sampling	From 9:20 AM of 09/09/2024 to 5:20 PM of 09/09/2024 (8 hrs)
Group	Atmospheric Pollution	Date of receipt of sample in lab	10/09/2024
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5
Sampling Location	Sultanpur Village	Dry bulb temperature	28°C
Wet bulb temperature	24°C	Relative Humidity	75 %
Sampling done by	Excell Enviro Services		
Start Date of Analysis	10/09/2024	End Date of Analysis	14/09/2024


### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	12.3	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	15.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	49.7	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	27.2	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	10.5	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	5.12	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.26	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11


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

#### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

# Neetal Laboratories And Environmental Services Pvt. Ltd.

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

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


TEST REPORT (Ambient Air)					
Report No.	NLES/24-25/09/AA/RE/1361	Report Issue Date	14/09/2024		
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
Discipline	Chemical	Date & Time of Sampling	From 9:30 AM of 09/09/2024 to 5:30 PM of 09/09/2024 (8 hrs)		
Group	Atmospheric Pollution	Date of receipt of sample in lab	10/09/2024		
Sub Group	Ambient Air	Sampling Procedure	IS 5182 Part 5		
Sampling Location	Waghunde Budruk	Dry bulb temperature	27 <sup>0</sup> C		
Wet bulb temperature	23 <sup>0</sup> C	Relative Humidity	75 %		
Sampling done by	Excell Enviro Services				
Start Date of Analysis	10/09/2024	End Date of Analysis	14/09/2024		
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide (SO <sub>2</sub> )	11.4	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen (NO <sub>2</sub> )	16.7	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	47.2	µg/m <sup>3</sup>	≤ 100	IS 5182 (Part 4), 1999
4	Particulate Matter PM <sub>2.5</sub>	35.4	µg/m <sup>3</sup>	≤ 60	IS 5182 (Part 24), 2019
5	Ozone (O <sub>3</sub> )	12.3	µg/m <sup>3</sup>	≤ 180	Method 411, Air Sampling and Analysis, 3rd Edition, 2020
6	Ammonia (NH <sub>3</sub> )	5.12	µg/m <sup>3</sup>	≤ 400	Method 401, Air Sampling and Analysis 3rd Edition, 2020
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	Air Sampling and Analysis, 3rd Edition, 2020
8	Arsenic (As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel (Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Carbon Monoxide (CO)	0.26	mg/m <sup>3</sup>	≤ 04	GC FID Methanizer Method
11	Benzo(a)Pyrene (BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 Part 12
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 Part 11
<b>Remark-</b> All above results are within National Ambient Air Quality standards.					

#### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

# 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


<b>Report No.</b>	<b>NLES/24-25/09/NI/RE/1362</b>	<b>Report Issue Date</b>	<b>14/09/2024</b>	
<b>Name and Address of Customer</b>	<b>M/s.Ganraj Ispat Pvt. Ltd.</b> Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.			
<b>Discipline</b>	Chemical			
<b>Group</b>	Atmospheric Pollution			
<b>Sub Group</b>	Ambient Air			
<b>Sample Name</b>	Ambient Noise			
<b>Date of Sampling</b>	09/09/2024			
<b>Method of Sampling</b>	IS 9989: 1981			
<b>Sampling Duration</b>	Spot Noise			
<b>Sampling done by</b>	Excell Enviro Services			
<b>Results</b>				
<b>Sr. No.</b>	<b>Location</b>	<b>Average Noise Level Reading dB(A)</b>		<b>Limits as per CPCB guidelines</b>
		<b>Day Time</b>	<b>Night Time</b>	
1	Main Gate	63.2	54.9	Day Time = 75 dB Night Time =70 dB
2	Admin Office	52.6	42.6	
<b>Remark-</b> All above Noise level results are within Central Pollution Control Board Standards limit.				

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

<b>TEST REPORT (Stack Emission)</b>					
<b>Report No.</b>	NLES/24-25/09/ST/RE/1363	<b>Report Issue Date</b>	14/09/2024		
<b>Name and Address of Customer</b>	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
<b>Discipline</b>	Chemical	<b>Sample Description</b>	Stack Material: MS		
<b>Group</b>	Pollution & Environment.		Stack Height: 45 Mtr		
<b>Sub Group</b>	Stack Emission		Stack Type: Round		
<b>Date of Sampling</b>	09/09/2024	<b>Sampling Location</b>	Induction Furnace Stack		
<b>Date of receipt of sample in lab</b>	10/09/2024	<b>Sampling duration</b>	30 Min		
<b>Sampling done by</b>	Excell Enviro Services	<b>Sampling Procedure</b>	CPCB Guideline on methodologies for source emission monitoring		
<b>Start Date of Analysis</b>	10/09/2024	<b>End Date of Analysis</b>	14/09/2024		
<b>Results</b>					
Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	56	°C	--	--
2	Differential Pressure	2.9	mm WG		
3	Velocity	5.88	M/s		
4	Total Particulate Matter	32.6	mg/Nm <sup>3</sup>	≤ 100	IS 11255 (Part 1)
5	Sulphur Dioxide (SO <sub>2</sub> )	18.2	mg/Nm <sup>3</sup>	N.S.	IS 11255 (Part 2)
6	Sulphur Dioxide (SO <sub>2</sub> )	0.43	Kg/day	N.S.	IS 11255 (Part 2)
7	Oxides of Nitrogen (Nox)	12.8	mg/Nm <sup>3</sup>	N.S.	IS 11255 (Part 7)
<b>Remark-</b> All above results are well within MPCB Limit. N.S-Not Specified,					

**Terms and Conditions**

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

Kalyani

**Reviewed By**  
(Ms. Kalyani Gore)



Abhishek

**Authorized Signatory**  
(Mr. Abhishek Tope)

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

<b>TEST REPORT (Stack Emission)</b>					
<b>Report No.</b>	NLES/24-25/09/ST/RE/1364	<b>Report Issue Date</b>	14/09/2024		
<b>Name and Address of Customer</b>	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.				
<b>Discipline</b>	Chemical	<b>Sample Description</b>	Stack Material: MS		
<b>Group</b>	Pollution & Environment.		Stack Height: 30 Mtr		
<b>Sub Group</b>	Stack Emission		Stack Type: Round		
<b>Date of Sampling</b>	09/09/2024	<b>Sampling Location</b>	Re-Heating Furnace Stack		
<b>Date of receipt of sample in lab</b>	10/09/2024	<b>Sampling duration</b>	30 Min		
<b>Sampling done by</b>	Excell Enviro Services	<b>Sampling Procedure</b>	CPCB Guideline on methodologies for source emission monitoring		
<b>Start Date of Analysis</b>	10/09/2024	<b>End Date of Analysis</b>	14/09/2024		
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	57	°C	--	--
2	Differential Pressure	3.2	mm WG		
3	Velocity	6.19	M/s		
4	Total Particulate Matter	32.7	mg/Nm3	≤ 100	IS 11255 (Part 1)
5	Sulphur Dioxide (SO <sub>2</sub> )	12.8	mg/Nm3	N.S.	IS 11255 (Part 2)
6	Sulphur Dioxide (SO <sub>2</sub> )	0.29	Kg/day	N.S.	IS 11255 (Part 2)
7	Oxides of Nitrogen (Nox)	11.7	mg/Nm3	N.S.	IS 11255 (Part 7)
➤ Remark- All above results are well within MPCB Limit. N.S-Not Specified,					

**Terms and Conditions**

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

*Kalyani*  
 Reviewed By  
 (Ms. Kalyani Gore)



*Abhishek*  
 Authorized Signatory  
 (Mr. Abhishek Tope)

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

# Neetal Laboratories And Environmental Services Pvt. Ltd.

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

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

## TEST REPORT


Report No:	NLES/24-25/09/WZ/RE/1365	Report Issue Date	14/09/2024	
Name and Address of Customer	M/s.Ganraj Ispat Pvt. Ltd. Plot No. A:3, Supa MIDC Tal-Parner ,Dist-Ahmednagar.			
Sample Name	Workzone Noise	Date of Sampling	09/09/2024	
Sampling done by	Excell Enviro Services			
Results				
Sr. No.	Locations	dB(A)	Specifications (The Factories Act 1948, standards)	Method
1.	Furnace Shed	75.6	≤90	CPCB Guideline
2.	Rolling Mill Shed	78.4		
<b>Remark-</b> The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.				

### Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

  
Reviewed By  
(Ms. Kalyani Gore)



  
Authorized Signatory  
(Mr. Abhishek Tope)

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

Page 1 of 1