



JSSL/UPPCB/GHZ/2025/03

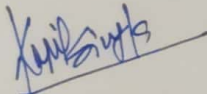
26th September 2025

TO
Regional Officer,
U P pollution Control Board,
I.N.S Sector -16, Vasundhra, Post- Prahalad Garhi,
Ghaziabad (Uttar Pradesh)

Subject: - Submission of Environment Statement in the form-V for the period starting from 1st April 2024 to 31st March, 2025 (FY 2024-25) under the Environment Protection Act, -1986.

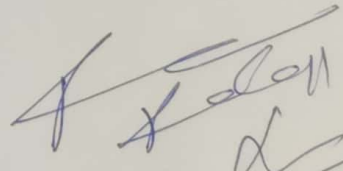
Dear Sir,
Please find enclosed herewith the Environment Statement for the above-mentioned period as rule 14 of the Environment Protection Act, 1986 in the form V. We hope you will find the same in order.

Thanking You,
Yours Faithfully
For JSL Super Steel Limited
(Formerly Known as Rathi Super Steel Limited)


Authorized Signatory
9896395327

Enclosed – Compliance Report




26/09/2025
REGIONAL OFFICE
U.P. Pollution Control Board
Ins-2 Sector-16, Vasundhra
Ghaziabad

JSL SUPER STEEL LIMITED
(Formerly known as Rathi Super Steel Limited)
A subsidiary of Jindal Stainless Limited

CIN:U74899DL199IPLC044043

Phone No.: +91 011-26188345, 41462000, 61462000; E-Mail: jslsupersteel@gmail.com Corporate Office: Jindal

Centre, 12 Bhikaji Cerna Place, New Delhi - 110066, India

Regd. Office: Flat No. 207, Vardhman Mayur Market At CSC Mayur Vihar, Phase-III, Kondli, Gharoli, Delhi - 110096

Works: A-1, Industrial Area, South of G.T. Road, Ghaziabad-201009 (U.P.)

2024-25

Environment Statement

(Form-V)

(The Environment Statement i.e. Form-V is submitted once in a year in the month of September in compliance with the provisions of Environment Protection Act, 1986)

JSL Super Steel Limited,
(A-1, South Side G T Road Industrial Area)
Ghaziabad-201009, (Uttar Pradesh)



(FORM – V)
(See rule – 14)

**ENVIRONMENT STATEMENT FOR THE FINANCIAL YEAR ENDING
THE 31ST MARCH 2025**

PART – A

1.	Name and address of the owner / Occupier of the industry operation or process	:	Shri Niwas Premchand Dasari Unit Head JSL Super Steel Limited. A-1 South of GT Road Industrial Area, Ghaziabad-201009, Uttar Pradesh.India Phone No..+91-01126188345, 41462000, 61462000 E-Mail-sp.dasari@jindalstainless.com
2.	Industry category	:	Red
	Prime ----- (STC Code)	:	-----
	Secondary ----- (SIC Code)	:	
3.	Production Capacity Unit		
	S.S. WIRE ROD (MT/Month)	:	5208
4.	Year of establishment	:	2024
5.	Date of the last environment statement submitted	:	30.09.2024

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PART – B

WATER AND RAW MATERIAL CONSUMPTION

1. A) Water consumption (M³/D)

Process : 150
Cooling : 80
Domestic : 6 KLD
Lawn & Gardening : 9 LKD

B) Specific Water consumption (M³/T)

Sr. No.	Name of Products/Process	Process water consumption per unit of product output.	
		During the previous Financial Year	During the current Financial Year
1.	SS wire rods and SS Rebars	First Time	0.867

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2. Raw material consumption

Sr. No.	Name of raw material	Name of Products	Consumption of Raw Material (MT/Annum)	
			During the previous Financial Year	During the current Financial Year
1	SS Blooms	SS wire rods and SS Rebars	First Time	64204

- Industry may use codes if disclosing detail of raw material would violate contractual obligation, otherwise all industries have to name the raw material used.

3. Power Consumption: 10 MW Power Connection from UPCL

Sr. No.	Name of Products	Process Power consumption per unit of product output.	
		During the previous Financial Year	During the current Financial Year
1.	SS wire rods and SS Rebars (KWH/MT)	First Time	456.98

Note:- The Power used by Utility services is also considered in these products.

4. Fuel Consumption:

A. Fuel Oil: LPG Gas

Sr. No.	Name of Products	Process Power consumption per unit of product output.	
		During the previous Financial Year	During the current Financial Year
1.	SS wire rods and SS Rebars (KG/MT)	First Time	61.687

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Note:- The Fuel used by Utility services is also considered in these products.

PART – C

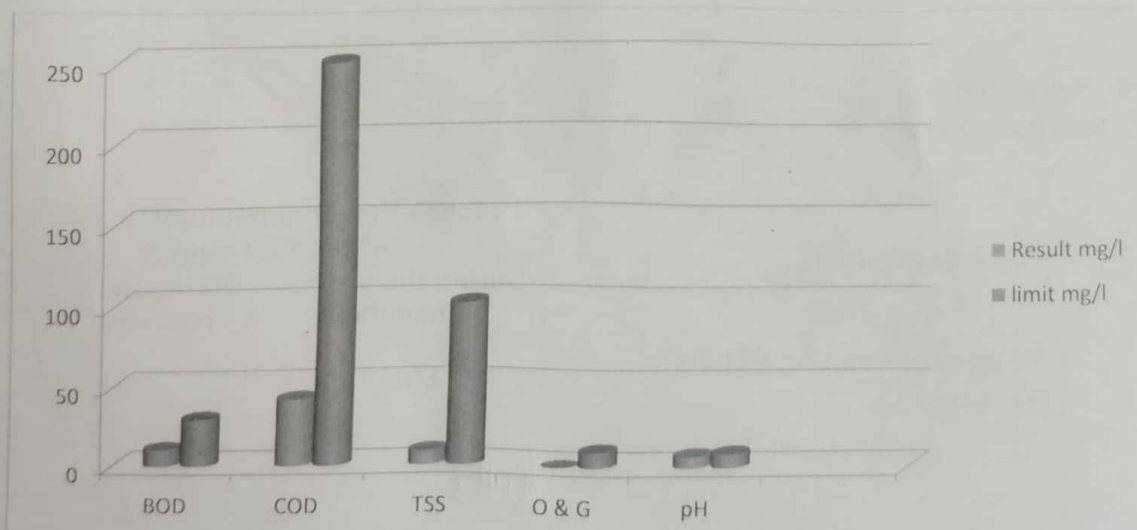
POLLUTION DISCHARGE TO ENVIRONMENT / UNIT OF OUTPUT (PARAMETERS specified in the consent issued)

Pollution discharge to environment / unit of output (Parameters specified in the consent issued)

(A) Water Pollution Details STP

Pollutants Mg/l	Results Mg/l	Concentration of Pollutants discharged (Kgs/day)	% age of violation from prescribed standards with reasons
pH	7.5		
Biochemical Oxygen Demand (BOD)	11	0.22	No deviations from standards prescribed.
Chemical Oxygen Demand (COD)	62	1.24	
Suspended Solids	14	0.28	
Oil & Grease (O&G)	BDL	BDL	

Note: Data has been taken from Test Report issued by Noida Testing Laboratory G-20 Sector 117 Noida Gautam Budh nager Report No. WW 201125-02 dated 24.01.2025 **(Annexure-A)**. The discharge of 20 KLD has been taken into account for calculation of Pollution Load. We have maintained a Zero Liquid Discharge status with state of art waste water treatment facility and entire waste water is being recycled / reuse after complete Treatment.

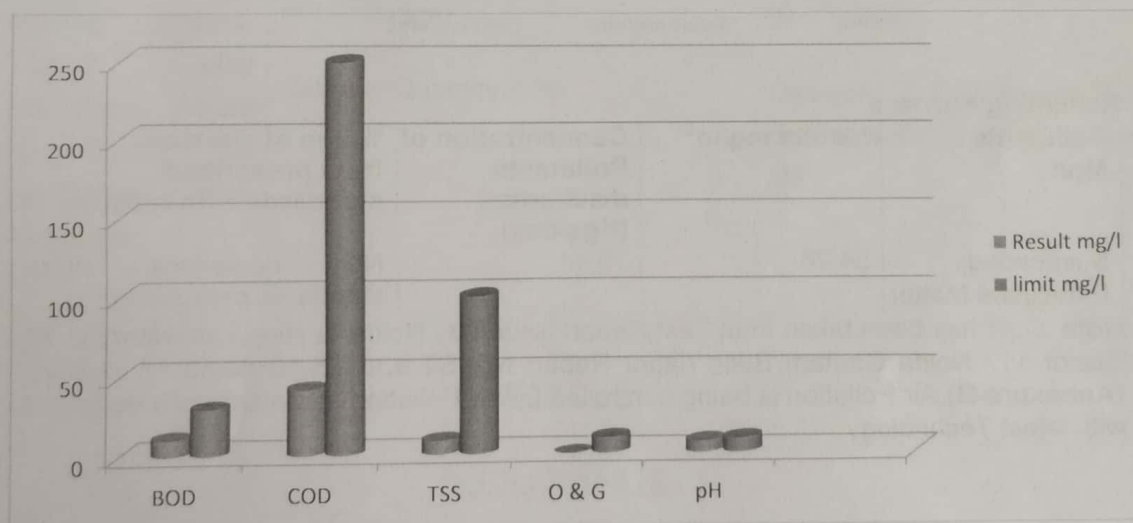


Signature

(A) Water Pollution Details ETP

Pollutants Mg/l	Results Mg/l	Concentration of Pollutants discharged (Kgs/day)	% age of violation from prescribed standards with reasons
pH	7.38		
Biochemical Oxygen Demand (BOD)	11	4.40	No deviations from standards prescribed.
Chemical Oxygen Demand (COD)	42	16.80	
Suspended Solids	09	3.60	
Oil & Grease (O&G)	BDL	BDL	

Note: Data has been taken from Test Report issued by Noida Testing Laboratory G-20 Sector 117 Noida Gautam Budh nager Report No. WW 130125-12 dated 17.01.2025 (Annexure-A). The discharge of 400 KLD has been taken into account for calculation of Pollution Load. We have maintained a Zero Liquid Discharge status with state of art waste water treatment facility and entire waste water is being recycled / reuse after complete Treatment.



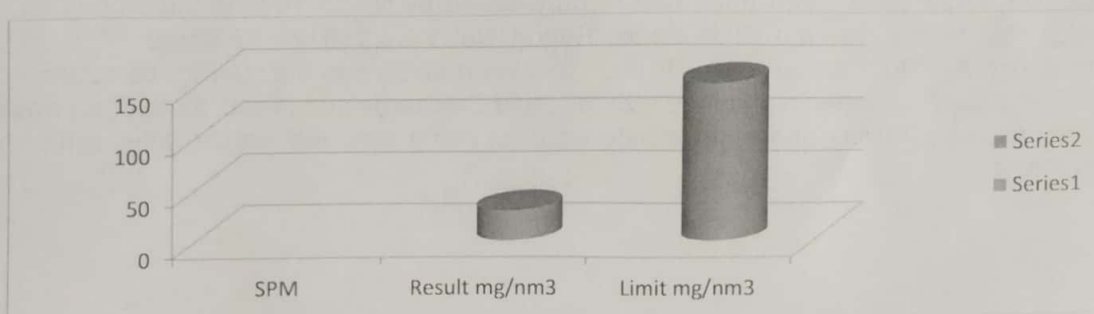
Signature

B Air Pollution Details

Pickling Stack

Pollutants Mg/l	Results mg/m ³	Concentration of Pollutants discharged (Kgs/day)	% age of violation from prescribed standards with reasons
Suspended Particulate Matter	29.28	23.16	No deviations from standards prescribed.

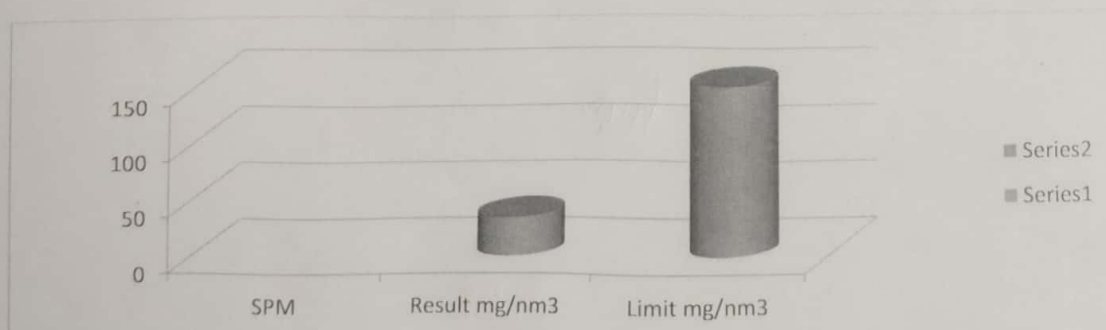
Note: Data has been taken from Test Report issued by Noida Testing Laboratory G-20 Sector 117 Noida Gautam Budh nager Report No. ST 130125-11 dated 17.01.2025 (Annexure-B). Air Pollution is being controlled by Air Pollution control system equipped with latest Technology.



Reheating Furnace

Pollutants Mg/l	Results mg/m ³	Concentration of Pollutants discharged (Kgs/day)	% age of violation from prescribed standards with reasons
Suspended Particulate Matter	34.28	15.44	No deviations from standards prescribed.

Note: Data has been taken from Test Report issued by Noida Testing Laboratory G-20 Sector 117 Noida Gautam Budh nager Report No. ST 130125-10 dated 17.01.2025 (Annexure-B). Air Pollution is being controlled by Air Pollution control system equipped with latest Technology.



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PART – D

HAZARDOUS WASTE

AS SPECIFIED UNDER HAZARDOUS AND OTHER WASTE (MANAGEMENT, HANDLING AND TRANSBOUNDARY MOVEMENT) RULES, 2016

Hazardous Waste	Total Quantity (Kg)	
	During the previous financial Year	During the current financial Year
From Process: No hazardous Waste is generated from the Stainless Steel Making process. The only Hazardous Waste is Spent Oil generated from Machines	Total Quantity generated from April 2023 to March 2024 = Category 35.3 : Nil Schedule-1 Chemical Sludge from waste water treatment (ETP Sludge) Balance Quantity = Nil	Total Quantity generated from April 2024 to March 2025= Category 35.3 : 561 MT Schedule-1 Chemical Sludge from waste water treatment (ETP Sludge) Category 35.3 (Chemical Sludge) Sold to Authorized Recycler = 561 MT

PART – E

SOLID WASTE

Solid Waste	Total Quantity (Kg)	
	During the previous financial Year	During the current financial Year
From Process:	First time	561.380 MT (in FY 2024-25) Pickling Sludge

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From Pollution Control Facilities:	100% pollution dust recycled
Quantity recycled or re-utilized within the unit	The Dust Collected in the Bag Houses and Bag Filters are 100 % recycled to the system.
Sold	NA
Disposed	Nil

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PART – F

PLEASE SPECIFY THE CHARACTERIZATION (IN TERM OF COMPOSITION OF QUANTUM) OF HAZARDOUS AS WELL AS SOLID WASTE AND INDICATE DISPOSAL PRACTICE ADOPTED FOR BOTH THESE CATEGORIES OF WASTES.

Battery Waste:

As specified under Batteries (Management and Handling) Amendment Rules, 2010, the details of used batteries generation are as under:

Battery Waste	Total Quantity (Kg)	
	During the previous financial Year	During the current financial Year
From Plant, Automotives and other equipments	Total Quantity generated from April 2023 to March 2024 = Nil Old Stock = Nil Total Quantity Sold to Authorized Recycler = Nil Balance Quantity = Nil	Total Quantity generated from April 2024 to March 2025 = Nil Old Stock = Nil Total Quantity Sold to Authorized Recycler = Nil Balance Quantity = Nil

E- Waste:

As specified under E-Waste (Management and Handling) Amendment Rules, 2016, the details of Ewaste generation are as under:

E- Waste	Total Quantity (Pieces)	
	During the previous financial Year	During the current financial Year
From Plant and other equipments	Total Quantity generated from April 2023 to March 2024 = Nil Old Stock = Nil Total Quantity Sold to Authorized Recycler = Nil Balance Quantity = Nil	Total Quantity generated from April 2024 to March 2025 = E-Waste(IT, Electrical & electronics) = Nil Old Stock = Nil Total Quantity Sold to Authorized Recycler = Nil Balance Quantity = Nil

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Other Wastes:

Hazardous Waste : The hazardous waste is Spent Oil, Waste or residue containing oil, Sludge from acid recovery unit and filter press Sludge, Empty barrels/containers/ Liners contaminated with Hazardous chemicals and wastes, contaminated cotton rags or other cleaning materials which is collected at specified site as per guidelines of storage stored as per guidelines of CPCB/ MOEFCC.

The Hazardous Waste is channelized to the Recyclers Authorized by MOEFCC/ CPCB or Center or State Pollution Control Board for recycling of hazardous waste.

Non Hazardous Waste: Mill Scale and End cut miss roll is generated during Rolling mill which is auction to third party and End cut miss roll are sent to JSL Hisar plant for remelting as raw material in EAF.

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PART – G

IMPACT OF THE POLLUTION ABATEMENT MEASURES TAKEN ON CONSERVATION OF NATURAL RESOURCES AND ON THE COST OF PRODUCTION.

Introduction

Pollution abatement refers to the strategies and technologies used to reduce or eliminate the emission of pollutants into the environment. While these measures are often seen as an additional cost to industries, they play a crucial role in the conservation of natural resources and can also impact production costs in both the short and long term.

Impact on Conservation of Natural Resources

a. Air Quality Improvement

- Reduced emissions of harmful gases (e.g., SO₂, NO_x, CO₂) from industrial processes help preserve clean air, benefiting human health and ecosystems.
- Cleaner air also reduces acid rain, which protects forests, water bodies, and soil quality.

b. Water Resource Protection

- Effluent treatment plants (ETPs) and water recycling systems prevent the contamination of rivers and groundwater.
- Reduces over-extraction of clean water sources by enabling reuse of treated water in industrial processes.

c. Soil and Land Conservation

- Proper disposal and treatment of solid and hazardous waste prevent land degradation.
- Measures like waste segregation and biodegradable packaging reduce the burden on landfills.

d. Biodiversity Preservation

- By minimizing pollutants entering ecosystems, pollution abatement helps maintain biodiversity, protecting flora and fauna that are crucial for ecological balance.

e. Resource Efficiency

- Encourages efficient use of raw materials through recycling, waste minimization, and cleaner production techniques.

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- Helps conserve non-renewable resources like fossil fuels, metals, and minerals.

3. Impact on Cost of Production

a. Initial Increase in Costs

- Capital investment in abatement technologies (e.g., Bag House, scrubbers, filters, ETPs).
- Operational costs of running pollution control systems and hiring skilled personnel.
- Compliance with environmental regulations may involve monitoring and reporting costs.

b. Long-Term Cost Benefits

- Energy efficiency and material recovery can reduce input costs over time (e.g., using waste heat recovery systems).
- Recycling and reuse reduce dependency on virgin raw materials, lowering procurement costs.
- Avoidance of penalties and legal costs due to non-compliance with environmental laws.

c. Improved Market Image and Access

- A cleaner production process can enhance brand reputation, attracting eco-conscious customers.
- Opens access to green markets and international trade opportunities where environmental compliance is mandatory.

d. Innovation and Process Improvement

- Abatement measures often drive technological innovation, leading to improved processes and reduced waste generation.
- Cleaner technologies may increase productivity and reduce downtime from equipment fouling or pollution-related issues.

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PART – H

ADDITIONAL MEASURES / INVESTMENT PROPOSAL FOR ENVIRONMENTAL PROTECTION INCLUDING ABATEMENT OF POLLUTION, PREVENTION OF POLLUTION.

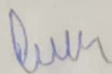
To enhance environmental protection, industries and governments can adopt and invest in a mix of technological, policy-based, and community-oriented measures. These investments aim to go beyond compliance, focusing on sustainable development, pollution prevention, and natural resource conservation.

1. Proposed Pollution Abatement & Prevention Measures A. Technological Measures

1. Installation of Advanced Pollution Control Equipment
 - o Primary and Secondary hoods, Bag Filters, ID Fans, Wet Scrubber.
 - o Effluent Treatment Plants (ETPs) and Sewage Treatment Plants (STPs) for water pollution.
 - o Zero Liquid Discharge (ZLD) systems to eliminate water discharge.
2. Clean Production Technologies
 - o Investment in cleaner, energy-efficient machinery and processes.
 - o Use of LPG, or renewable energy to reduce emissions.
3. Waste to Energy Technologies
 - o MSW will be segregated and disposed through Municipal Corporation generate energy.
 - o Investment in biogas and waste-based biofuel plants.
4. Green Chemistry and Eco-Design
 - o Design of products and processes that minimize the use and generation of hazardous substances.

B. Preventive and Resource Optimization Measures

1. Rainwater Harvesting Systems
 - o Collection and reuse of rainwater to reduce dependency on groundwater.
2. Water Recycling & Reuse Systems



- Investment in tertiary treatment plants and greywater recycling for non-potable uses.
- 3. Energy Efficiency Projects
 - Retrofitting lighting, HVAC, and motor systems.
- 4. Waste Minimization & Material Substitution
 - Use of biodegradable, recyclable, or reusable materials in production and packaging.
- 5. Sustainable Supply Chain Management
 - Encouraging eco-friendly practices throughout the supply chain (e.g., green procurement).

C. Ecological and Community-Oriented Investments

1. Greenbelt Development & Afforestation
 - Investment in tree plantation around industrial zones to serve as a buffer zone and carbon sink.
2. Eco-Restoration Projects
 - Restoring degraded land, wetlands, and biodiversity hotspots in collaboration with local authorities and NGOs.
3. CSR-Driven Environmental Awareness Campaigns
 - Funding for community education on waste segregation, water conservation, and climate change.

PART – I

ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF THE ENVIRONMENT.

Other Particulars for Improving the Quality of the Environment

Beyond standard pollution abatement and prevention measures, there are several additional strategies and initiatives that can significantly enhance environmental quality. These involve broader systemic improvements, behavioral changes, and sustainable urban and industrial planning.

1. Promotion of Environmental Education and Awareness

- Conduct regular awareness programs for employees, industries, and local communities.
- Encourage eco-clubs, green campus programs, and local sustainability initiatives.

2. Strengthening Environmental Regulations and Governance

- Regular updating and strict enforcement of environmental standards.

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- Promote transparency through public disclosure of environmental performance.
- Establish independent environmental audit and monitoring bodies.

3. Promotion of Circular Economy Practices

- Encourage reuse, repair, and recycling at all stages of production and consumption.
- Support industrial symbiosis, where the waste of one industry becomes the raw material for another.

5. Incentivizing Green Innovation

- Support start ups and SMEs working on clean energy, waste reduction, and pollution control innovations.

6. Carbon Management and Climate Resilience

- Support afforestation and reforestation projects to act as carbon sinks.

7. Community Participation and Corporate Responsibility

- Encourage community-led environmental monitoring and conservation efforts.
- Facilitate public-private partnerships (PPPs) for environmental infrastructure development.

8. Leveraging Digital Tools and Data Analytics

- Use IoT, AI, and big data for real-time environmental monitoring and predictive maintenance.

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ADDITIONAL INFORMATION REQUIRED FOR ENVIRONMENT STATEMENT

1. Methods of waste Reduction

Air Pollution Control Systems

- Adequate Air Pollution control measures will be adopted.
- Adequate stack monitoring facilities for the periodic monitoring of the stack will be provided

Rolling Mill:

With rolling of hot billets direct from the CCM, no pollutants are generated.

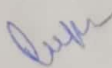
4.1 Air Pollution Control Systems

Sr. No.	Source	Capacity	Control Equipment	Stack Ht. (m)
1	Rolling Mill Reheating Furnace	40T/Hr	Recuperator, Chimney of adequate Height	30
2	Shot Blasting Machine	5 T/Hr	Bag House of adequate capacity	

Waste water Sources & Its Treatment

In Rolling Mill (Wire Rods and Bars) Mill no Effluents or waste water is generated from the process. The used water from the Mill Processes will accumulate in the Scale Pit and from scale Pit the used water will be send to the settling tank and after filtrations the water will go to the Cooling Tower for Circulation in the Mill Process.

As in the entire process there is no effluent generated, all the water is filtered and re-used for the Processes and hence Phase -1 will adhere to 'Zero Liquid Discharge'.



4.3 Sewage Treatment Plant Process

The sewage treatment plant is for treating the sewage Wastewater. STP comprising of following—Sewage Sump, Aeration Tank, Secondary Setting tank, Secondary Treated Water Storage Tank.

Other Solids Wastes

Solid wastes generated will be reused in the process or sold to authorized vendors.

Table 4.4 Non-hazardous Waste details

Sr. No	Type of waste	Proposed Quantity	Disposal
1	Mill Scales	900 TPA	Auction to third party
3	End Cuts & Miss Roll	2500TPA	Send to JSL Hisar for remelting

2. Mass Balance in flow chart indicating raw material , products, solid, liquid and gaseous

Please find attached Manufacturing Process Flow Chart as Annexure-II

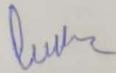
3. Environmental sound layout/Environment Management

4. Maintenance of Ecology balance by compensatory methods/ Tree plantations & Green Belt Development

Other Documents attached:

Following Certificates are attached herewith as Annexure – V

- Copy of ISO: 9001Certificate





NOIDA TESTING LABORATORIES

(A Government Approved Testing Laboratory)

An ISO 9001:2015 & 45001:2018 (OHSAS) Certified Laboratory

MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB & HSPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

TEST CERTIFICATE

Issued To: M/s JSL Super Steel Limited.

Address: A-1, Industrial Area, South of G.T.
Road Ghaziabad-201009 (U.P)

Report Code : WW-210125-02
ULR No. : TC68142500000511F
Test Report of : Waste Water
Service Request No : NTL/SRF/01/25-020
Service Request Date : 20/01/2025
Report Issue Date : 24/01/2025

SAMPLING & ANALYSIS DATA

Sample Drawn On : 21/01/2025
Sample Drawn By : NTL Representative
Sample Description : STP Outlet
Sample Received On : 21/01/2025
Sample Quantity/Packing detail : Plastic Can + Glass Bottle
Weather Conditions : Normal
Analysis Duration : 21/01/2025 to 24/01/2025

TEST RESULTS

S. No	Parameter	Test Method	Results	Units	Limit as per CPCB norms
1.	pH	IS:3025(Part-11):1983	7.15	-	5.0-9.0
2.	Total Suspended Solid	IS:3025(Part-17):1984	14.0	mg/l	100
3.	Chemical Oxygen Demand	IS:3025(Part-58):1983	62.0	mg O ₂ /l	250
4.	Biological Oxygen Demand (5 days at 27°C)	IS:3025(Part-44):1993	11.0	mg/l	30
5.	Oil & grease	IS:3025(Part-39):1984	BDL (<4.0)	mg/l	10

Remarks: Test parameters coming in under limit, prescribe limits are given by MoEF/Central Pollution Control Board.
BDL- Below Detection Limit

Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. Responsibility of the Laboratory is limited to the received amount only.
3. This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
4. The test samples will be disposed off after two weeks from the date of issue of test report, unless and specified by the customer.



CHECKED BY

AUTHORIZED SIGNATORY

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

Branch Office :

HARIDWAR | RUDRAPUR | CHANDIGARH | DEHRADUN | PUNE

E : noida.laboratory@gmail.com, info@noidalabs.com W : www.noidalabs.com

Annexure-B

GSTIN : 09AAJFN9004D1ZD



NOIDA TESTING LABORATORIES

(A Government of India Approved Testing Laboratory)
(An ISO : 9001 : 2015, ISO 45001 : 2018 (OH&S) Certified & NABL Accredited Laboratory)
MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

TEST CERTIFICATE

Issued To: M/s JSL Super Steel Limited.

Address: A-1, Industrial Area, South of G.T.
Road Ghaziabad-201009 (U P)

Report Code : ST-130125-11
ULR No. : TC 681425000000312F
Test Report of : Stack Emission
Service Request No : NTL/SRF/01/25-063
Service Request Date : 12/01/2025
Report Issue Date : 17/01/2025

SAMPLING & ANALYSIS DATA

Sample Drawn On	13/01/2025
Sample Drawn By	NTL Representative
Sample description	Stack Emission of Pickling Stack
Sampling Time	30 minutes
Sampling Plan & Procedure	IS:11255
Analysis Duration	13/01/2025 to 17/01/2025
Source of Emission	Stack Attached to Pickling
Stack Temperature (°C)	52
Type of Fuel used	Electricity
Operating Load	Normal
Type of Stack	Plastic
Diameter of Stack (mm)	1200
Height of Stack from Ground level (mtr)	30.0
Average Velocity of Emission (m/sec)	8.1

TEST RESULT

S. No.	Parameter	Test Method	Results	Units	Emission limits
1	Particulate Matter (PM)	IS:11255(Part-1)1985	29.28	mg/Nm ³	150
2	Sulphur dioxide (as SO ₂)	IS:11255(Part-2)1985	72.16	mg/Nm ³	Limits not Specified
3	Nitrogen Oxide (as NO _x)	IS:11255(Part-7)2005	41.38	mg/Nm ³	Limits not Specified
4	Carbon monoxide (as CO)	USEPA Method No.10	0.019	%V	1.0

Notes

- The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
- Responsibility of the Laboratory is limited to the received amount only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless specified by the customer.



Checked BY

AUTHORIZED SIGNATORY

GSTIN : 09AAIFN9004D1ZD



NOIDA TESTING LABORATORIES

(A Government of India Approved Testing Laboratory)

(An ISO : 9001 : 2015, ISO 45001 : 2018 (OH&S) Certified & NABL Accredited Laboratory)

MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

TEST CERTIFICATE

Issued To: M/s JSL Super Steel Limited.

Address: A-1, Industrial Area, South of G.T.
Road Ghaziabad-201009 (U P)

Report Code : ST-130125-10
 ULR No. : TC68142500000311F
 Test Report of : Stack Emission
 Service Request No : NTL/SRF/01/25-063
 Service Request Date : 12/01/2025
 Report Issue Date : 17/01/2025

SAMPLING & ANALYSIS DATA

Sample Drawn On : 13-01-2025
 Sample Drawn By : NTL Representative
 Sample description : Stack Emission of Furnace
 Sampling Time : 30 minutes
 Sampling Plan & Procedure : IS-11255
 Analysis Duration : 13-01-2025 to 17-01-2025
 Source of Emission : Stack Attached to Reheating Furnace
 Stack Temperature (°C) : 132
 Capacity : 60 Ton
 Fuel Consumption per hour : 4200 kg/ 8hrs
 Type of Fuel used : LPG
 Operating Load : Normal
 Type of Stack : Metal circular
 Diameter of Stack (cm) : 90.0
 Height of Stack from Ground level (feet) : 29.5
 Average Velocity of Emission (m/sec) : 8.2

TEST RESULT

S. No.	Parameter	Test Method	Results	Units	Emission limits
1.	Particulate Matter (PM)	IS:11255(Part-1)1985	34.28	mg/Nm ³	150
2.	Sulphur dioxide (as SO ₂)	IS:11255(Part-2)1985	82.64	mg/Nm ³	Limits not Specified
3.	Nitrogen Oxide (as NO _x)	IS:11255(Part-7) 2005	47.59	mg/Nm ³	Limits not Specified
4.	Carbon monoxide (as CO)	USEPA Method No 10	0.023	%V	1.0

Notes

- The results given above are related to the tested sample, as ordered & mentioned parameters. The customer must be the client responsible.
- Responsibility of the Laboratory is limited to the amount mentioned only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless stated specified by the customer.

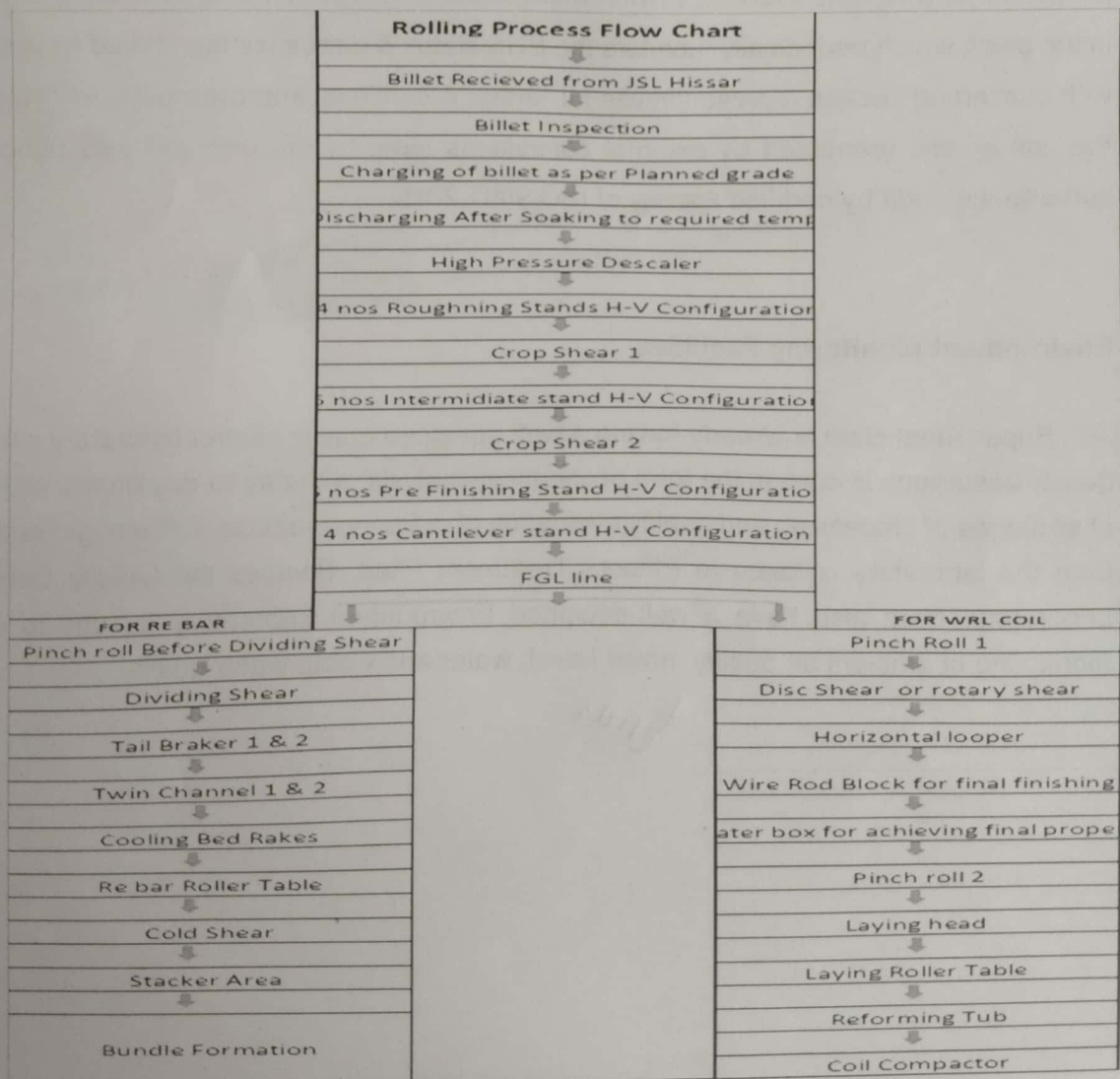


CHECKED BY

AUTHORIZED SIGNATORY

Annexure –II

Material Balance Flow Chart At JSL Super Steel Ghaziabad



Annexure – III

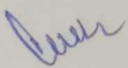
Environment Management

EHS Department

JSL Super Steel plant has a well managed EHS department concerning the providing pollution free and Safe Working Environment to the Employees. An EHS team is organized in the plant, which periodically monitors the EHS status & discusses the related issues along with concerned section representatives for further & continual improvements. EHS status of the unit is also monitored by external consultants hired by the unit and also periodically surveillance audit by certified agency of ISO 9001:2015, .

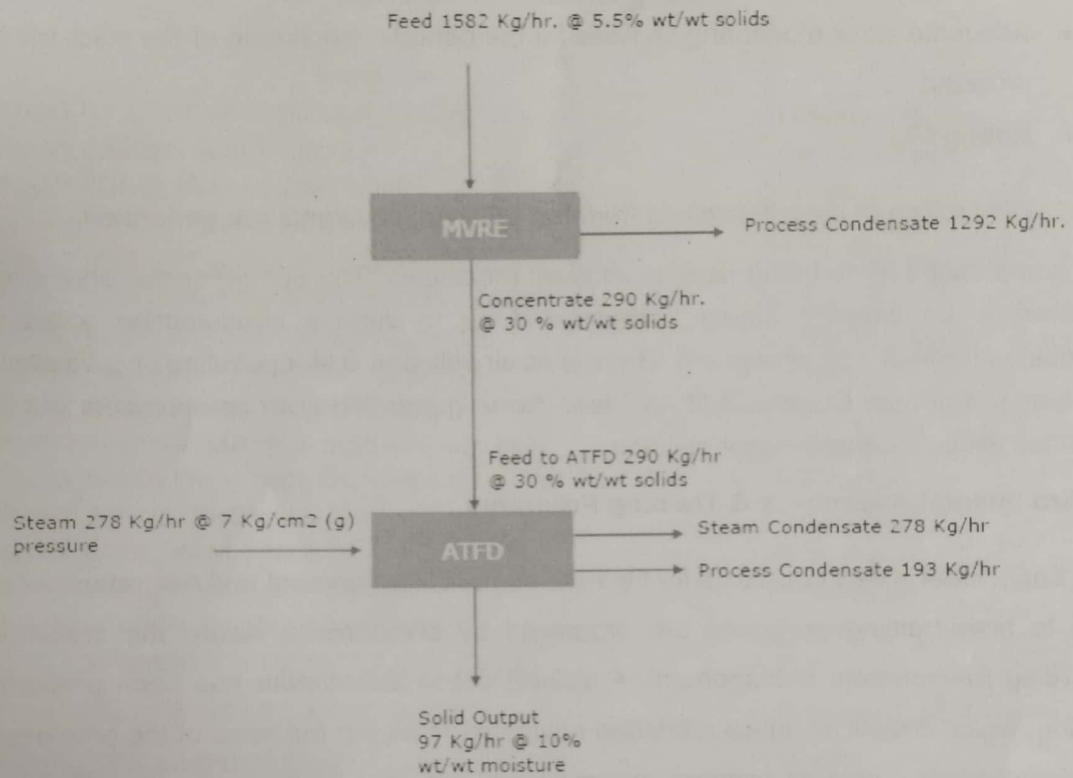
Environment Monitoring Facilities

JSL Super Steel plant is already having a well-equipped quality control laboratory where quality assurance is done in the form of chemical analysis, with day-to-day quality control at all stages of processing and quality evaluation of outgoing products. Effluent generated from the laboratory is taken to Effluent Treatment Plant. Besides the Quality Control Laboratory, plant also have a well-equipped Environment Laboratory for day to day monitoring of ambient air quality, noise Level, water and waste water quality.



Waste Water Treatment Facility

BLOCK DIAGRAM OF ZERO LIQUID DISCHARGE SYSTEM



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Air Pollution Control Systems

Air Pollution Control Systems

- Adequate Air Pollution control measures will be adopted.
- Adequate stack monitoring facilities for the periodic monitoring of the stack will be provided
- Rolling Mill:

With rolling of hot billets direct from the CCM, no pollutants are generated.

Dry compressed air is being used in all plant processes. The compressors, dryers are installed in compressor house. Compressed air to various consumption areas is distributed through a piping system. There is no air pollution, water pollution or solid waste generation from the Compressed Air Plant. Noise generated from compressors will be confined within the compressor building.

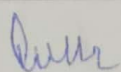
Environmental Awareness & Training Programs

JSL Super steel is very conscious for the Environment Management and Awareness. Various time to time training programs are organized by company to aware the stakeholders regarding Environment Management. A training schedule/calendar has been prepared for training, which covers all topics related to environment as per the need of the employee. All new incumbents including contract workmen are imparted Environment, Health & Safety Induction and Orientation Training before inducting them into the job to make them familiar with safety management system of the organization. Specialized workshop on various EHS management techniques/ systems with the help of external agency are also organized as per the training calendar.

Dull

Species of Plants grown

Short Text	
PLANT,HT:2.5 FT,GARDEN MURAYA EXOTICA	Flowering Hedge
PLANT,GARDEN BLACK GRASS	Ground cover
PLANT;CONOCARPUS,GRN,6-7FT	Hedge
PLANT,HT:2.5 FT,GARDEN HAMELIA PETENS	Hedge
PLANT,HT:2.5 FT,GARDEN TECOMA GODICHODHI	Flowering Shurbs
PLANT;TABEBUIA ARGENTEA,YELLOW COLOR	Flowering Tree
PLANT;BOUGAINVILLEA TAILLAND,WHITE	Flowering Shurbs
PLANT;LAGERSTROEMIA SPECIOSA,PINK	Flowering Tree
PLANT,HT:2.5 FT,GARDEN ROSE DESI	Flowering Shurbs
PLANT;AGLAONEMA PINK LADY HYBRID,LIGHT	Indoor Plant
PLANT;ARECA PALM,GRN,TRUNK:8-10FT	Palm indoor
PLANT;PHILODENRON SELLOUM,GRN,H-1.5-2	Indoor Plant
PLANT;RAPIS PALM,GRN,2-3FT	Palm indoor
PLANT;PARLOR PALM,GRN,5-6FT	Palm indoor
PLANT,GARDEN,ALLAMANDA CLIMBER	Flowering climber
PLANT;BISMARKIA PALM,SILVER LEAF COLOR	Palm
PLANT;GOLDEN GREEN,5-6 FEET,JUNIPER	Decorative plant outdoor
PLANT;CONOCARPUS,GRN,6'-7' FOLIAGE,BUSSY	Hedge
PLANT,HT:2.5 FT,GARDEN HAMELIA PETENS	Hedge
PLANT;CONOCARPUS,GRN,6'-7' FOLIAGE,BUSSY	Shurbs
PLANT;LAGERSTROEMIA INDICA,GRN,HEIGHT 3'	Flowering Tree
PLANT;CASURINA MULTI TWINGS,GRN,5-6 FEET	Decorative plant outdoor
PLANT;FOX TAIL PALM,GRN,TRUNK:6-8FT	Palm
PLANT;TREE,GRN,10-12 FEET,TERMINALIA	Tree
PLANT;MURAYA EXOTICA DWARF,GRN,1-2FT	Flowering Hedge
PLANT,HT:2.5 FT,GARDEN ROSE DESI	Flowering Shurbs
PLANT;CONOCARPUS,GRN,6'-7' FOLIAGE,BUSSY	Hedge
PLANT,HT:2.5 FT,GARDEN TECOMA GODICHODHI	Flowering Shurbs
PLANT,HT:4 FT,GARDEN CASSIAFISTULA	Flowering Tree
PLANT,HT:6 FT,GARDEN DELONIX REGIA	Flowering Tree
PLANT,HT:2.5 FT,GARDEN TECOMA GODICHODHI	Flowering Shurbs
PLANT,HT:6 FT,GARDEN AZARDIRECTA INDICA	Tree
PLANT;MURAYA EXOTICA DWARF,GRN,1-2FT	Flowering Hedge
PLANT;FOX TAIL PALM,GRN,TRUNK:6-8FT	Palm
PLANT,HT:2.5 FT,GARDEN PLUMERIA ALBA	Flowering Tree



ISO 9001: 2015 Certificate



CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

JSL Super Steel Limited

Main Site: A-1, Industrial Area, South of G.T. Road, Ghaziabad, Uttar Pradesh, 201009, India.

has been registered by Intertek as conforming to the requirements of:

ISO 9001:2015

The management system is applicable to:

Manufacturing of Hot Rolled Stainless Steel Wire Rods & Re-bars.

Certificate Number:
0201903

Initial Certification Date:
04 January 2025

Date of Certification Decision:
04 January 2025

Issuing Date:
04 January 2025

Valid Until:
03 January 2028



intertek

Calin Moldoveanu
President, Business Assurance

Intertek Certification Limited, 10A Victory
Park, Victory Road, Derby DE24 8ZF, United
Kingdom

Intertek Certification Limited is a
UKAS accredited body under
schedule of accreditation no. 014



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