



Danish Envis <danish1017@gmail.com>

Submission of Six monthly compliance reports for the month of December, 2021.

Malpani Iconsteel <taxes@iconsteel.com>
To: ecrdw.cpcb@gov.in, eccompliance-mh@gov.in
Cc: Danish <danish1017@gmail.com>

Mon, Feb 21, 2022 at 3:46 PM

**To,
The Chief Conservator of Forest.
Ministry of Environment and Forest, Climate Change
Regional Office(WCZ),Ground Floor
East Wing, New Secretariat Building,
Civil Line,Nagpur-440001**

Sub: Submission of Six monthly compliance reports for the month of December, 2021.

Dear Sir

This has reference to the above subject; we are submitting six monthly compliance reports as per conditions stated in Environmental Clearance.

We are enclosing documents herewith for further reference. Our point wise submission is as under:

- I. Tabular compliance**
- II. EC letter**
- III. Annexures**

We hope the submitted details are satisfactory. Kindly acknowledge the same.

Thanking you,

**For Rathi Steel And Metal Pvt Ltd.,(Formerly Known As Rajuri Steels Private Limited)
Plot No. F-12, Jalna.**



RATHI STEEL AND METALS PVT LTD SIX MONTHLY COMPLIANCE REPORTs.pdf
6127K

CIN No. U27200MH1990PTC05593
GST. 27AABCR5546A1ZN

Rathi Steel & Metal Pvt. Ltd.

F-12, Phase-II, Additional M.I.D.C., Jalna - 431203 (MH)
Tel.: 7720088785. E: taxes@iconsteel.com W: www.iconsteel.com

Ref no:

Date:

To,
The Chief Conservator of Forest.
Ministry of Environment and Forest, Climate Change
Regional Office(WCZ),Ground Floor
East Wing, New Secretariat Building,
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Sub: Submission of Six monthly compliance reports for the month of December, 2021.

Dear Sir

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- I. Tabular compliance
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Thanking you,

For Rathi Steel And Metal Pvt Ltd. (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Jalna

Authorized Signatory.



Copy to: MPCB Regional office



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: February 28, 2020

To,
Mr. Dinesh Rathi (Director)
at Plot No. F-12 Additional MIDC Area, Phase-II, Jalna, Maharashtra

Subject: Environment Clearance for Proposed expansion of the production capacity of M.S. Billets from 10,000 TPM to 35,000 TPM & TMT Bars from 10,000 TPM to 35,000 TPM

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 174th - Day-3th 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 189th meetings.


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

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

1.Name of Project	M/s Rajuri Steel Private Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Dinesh Rathi (Director)
4.Name of Consultant	Pollution & Ecology Control Services
5.Type of project	Industry Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes
8.Location of the project	Plot No. F-12 Additional MIDC Area, Phase-II, Jalna, Maharashtra
9.Taluka	Jalna
10.Village	Jalna
11.Whether in Corporation / Municipal / other area	MIDC Jalna
12.IOD/IOA/Concession/Plan Approval Number	The land has been leased out by MIDC to M/s Rajuri Steel Private Limited IOD/IOA/Concession/Plan Approval Number: The plan is approved by MIDC for existing unit. Additional shed construction area about 1800-2000 sq.m. may be required for expansion phase. Approved Built-up Area: 8159.70
13.Note on the initiated work (If applicable)	Not Applicable, work will be initiated after receipt of Environmental Clearance and Consent to Establish.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	20181.00 sq mt
16.Deductions	In internal road, open space, margin from boundary wall and plantation
17.Net Plot area	Not applicable
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.): 8159.70
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval:
19.Total ground coverage (m2)	Not applicable

SEIAA Meeting No: 189 Meeting Date: February 18, 2020 (SEIAA-STATEMENT-000000565)
SEIAA-MINUTES-0000003065
SEIAA-EC-0000002137

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Shri. Anil Diggikar (Member Secretary SEIAA)

20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	250000000



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22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	TMT Bars	10000	25000	35000
2	Billets	10000	25000	35000

23. Total Water Requirement

Dry season:	Source of water	MIDC and own Captive Lake
	Fresh water (CMD):	122
	Recycled water - Flushing (CMD):	11
	Recycled water - Gardening (CMD):	6
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	198
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	00
Wet season:	Source of water	MIDC and own Captive Lake
	Fresh water (CMD):	122
	Recycled water - Flushing (CMD):	11
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	192
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	00
Details of Swimming pool (If any)	Not applicable	

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24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	16	06	22	3.2	1.2	4.4	12.8	4.8	17.6
Industrial Process	25	50	75	5	10	15	20	40	60
Cooling tower & thermopack	25	70	95	25	70	95	00	00	00
Gardening	4	2	6	4	2	6	00	00	00

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre monsoon 10-20 m bgl , Post monsoon 5-10 m bgl.
	Size and no of RWH tank(s) and Quantity:	Will be elaborated in final EIA report.
	Location of the RWH tank(s):	Will be elaborated in final EIA report.
	Quantity of recharge pits:	5 Nos
	Size of recharge pits :	3m X 3m X 3m Depth
	Budgetary allocation (Capital cost) :	Rs.175000
	Budgetary allocation (O & M cost) :	Rs.10000/- per annum
	Details of UGT tanks if any :	A under ground tank is there for fire fighting as per norms. Additional tank if required will be constructed.

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

27.Sewage and Waste water	Sewage generation in KLD:	18
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	1 No. & 20 KLD Capacity
	Location & area of the STP:	With in plot area
	Budgetary allocation (Capital cost):	Rs. 35 Lacs
Budgetary allocation (O & M cost):	Rs. 3.0 Lacs/year	

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction waste debris
	Disposal of the construction waste debris:	Will be utilized in making of internal road
Waste generation in the operation Phase:	Dry waste:	Slag and Tail cuttings.
	Wet waste:	NA
	Hazardous waste:	Used Oil
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Yes
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Slag will be crushed in slag crusher and iron residuals will be recovered by magnet for reuse in induction furnace. Remaining Slag will be used for Hardening of working area, internal road, brick manufacturers, Concreting and Tail Cuttings will be recycled and reused in the Induction Furnace.
	Wet waste:	NA.
	Hazardous waste:	Used oil will be sold to authorized recycler vendor
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure
	Others if any:	NA
Area requirement:	Location(s):	Within plant area`
	Area for the storage of waste & other material:	500 Sq.m.
	Area for machinery:	100 sq.m. area for slag crusher.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 2.00 Crores
	O & M cost:	Rs. 20.00 lac

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29.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		60			
Capacity of the ETP:		65			
Amount of treated effluent recycled :		60			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		Settling tank will be constructed for treatment of waste water.			
Disposal of the ETP sludge		NA			



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30. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used Oil	NA	NA	NA	NA	NA	Secondary use and sale to recycler

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	Induction Furnace	Electricity	1 No.	30	1.6	50 degree Centigrade

32. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Electricity	12.5 MW	31.25 MW	43.75 MM

Source of Fuel: State Electricity Board

Mode of Transportation of fuel to site: Transmission Line

33. Energy

Power requirement:	Source of power supply :	State Electricity Board
	During Construction Phase: (Demand Load)	maximum 100 KVA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	20 MW + 35 MW
	During Operation phase (Demand load):	43.75 MW after expansion
	Transformer:	Yes
	DG set as Power back-up during operation phase:	NA
	Fuel used:	in entire process electricity is the main fuel.
Details of high tension line passing through the plot if any:	NA	

34. Energy saving by non-conventional method:

Possibilities will be explore to minimize the power consumption by adopting best possible process , equipment etc.

36. Detail calculations & % of saving:


Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

37. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Induction Furnace and Rolling mill	Bag Filters and Wet scrubbers	Bag Filters and Wet scrubbers

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

38. Environmental Management plan Budgetary Allocation

SEIAA Meeting No: 189 Meeting Date: February 18, 2020 (SEIAA-STATEMENT-000000565) SEIAA-MINUTES-0000003065 SEIAA-EC-0000002137	Page 7 of 11	 Shri. Anil Diggikar (Member Secretary SEIAA)
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a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	air pollution	particulate matter	Rs. 1.00 lac				
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 Control	Wet scrubbers and Bag Filters	Rs. 50 lacs	Rs. 5 lacs			
2	Water Pollution Control	STP & ETP	Rs 35 Lacs and Rs. 10 Lacs	Rs. 3 lac and Rs 1 Lac			
3	Solid Waste Management	Slag Crusher	Rs. 200 lac	Rs. 20 Lac			
4	Green Belt	Plantation	Rs.3 lac	Rs.0.50 lac			
5	Environment Monitoring and Management	Air quality , Water and wastewater quality; Noise levels; Soil quality	--	--			
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
NA	NA	NA	NA	NA	NA	NA	NA
40.Any Other Information							
No Information Available							

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	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	3(a)
	Court cases pending if any	None
	Other Relevant Informations	Application for the TOR
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

3. The proposal has been considered by SEIAA in its 189th 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:

I	PP to provide secured area for the storage of slag.
II	PP to implement CER plan in consultation with the District Authority. PP to create infrastructure facilities related to the rejuvenation of the river Kundalika passing through the city river in the city etc.
III	PP to monitor carbon and water foot print on yearly basis and include targets for the same in their management system.
IV	PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.
V	PP to ensure to comply with the conditions stipulated in the Office Memorandum issued by MoEF& CC dated 9th August, 2018.

General Conditions:

I	(i)PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP.
II	No additional land shall be used /acquired for any activity of the project without obtaining proper 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.
IV	Proper Housekeeping programmers shall be implemented.
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.
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).
VII	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
VIII	Arrangement shall be made that effluent and storm water does not get mixed.
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.
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.
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 environmental 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 http://ec.maharashtra.gov.in
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 ₂ , NO _x (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.

Government of Maharashtra

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 AURANGABAD
10. REGIONAL OFFICE MPCB AURANGABAD
11. REGIONAL OFFICE MIDC AURANGABAD
12. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
13. COLLECTOR OFFICE JALNA
14. COLLECTOR OFFICE AURANGABAD
15. COLLECTOR OFFICE LATUR
16. COLLECTOR OFFICE NANDED
17. COLLECTOR OFFICE OSMANABAD
18. COLLECTOR OFFICE HINGOLI
19. COLLECTOR OFFICE PARBHANI
20. COLLECTOR OFFICE BEED

Excellent Enviro Laboratory & Research Center Pvt. Ltd.

(Formerly known as Excellent Enviro Laboratory & Research Center)

REGISTERED OFFICE : D-52/18, MIDC Waluj, Aurangabad - 431 136. ☎0240-6641879 ✆ 9970429991/ 7745069991

Email : eelab@excellentenviro.com/info@excellentenviro.com/sales@excellentenviro.com

AMBIENT AIR QUALITY MONITORING REPORT

Client's Name & Address		Report No.	EEL/ABD/A-216/03/2021-22	
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.		Date	09/03/2021	
		Date Of Sampling	03/03/2021	
		Time Of Sampling	11:30 AM	
		Sampling Duration	24 Hrs.	
		Date of Analysis	05/03/2021	
		Sample Collected By	EELRC	
Sample volume	SO ₂ (Plastic bottle)	NO ₂ (Plastic bottle)	PM10 (Filter paper)	PM2.5 (Filter paper)
	30ml x1 No.	30ml x1 No.	1X1 No.	1X1 No.

RESULTS

Sr. No	Description	Unit	Main Gate	Furnace shed	Rolling Mill Shed	NAAQ 2009 Standards
01	Ambient Temperature	°C	34	35	33	
02	Dry Bulb Temperature	°C	35	33	34	
03	Wet Bulb Temperature	°C	32	34	35	
04	Relative Humidity	% RH	29	32	30	
05	PM 10	µg/m ³	43.2	40.5	41.3	100
06	PM 2.5	µg/m ³	34.5	38.3	36.2	60
07	Sulphur Dioxide	µg/m ³	24.2	26.8	19.0	80
08	Oxides of Nitrogen	µg/m ³	22.3	25.9	27.0	80
09	Carbon Monoxide	mg/m ³	0.05	0.05	0.05	≤ 02
10	Lead	µg/m ³	<0.06	<0.06	<0.06	≤ 1.0
11	Ammonia	µg/m ³	<16.0	<14.6	<18.0	≤ 400
12	Benzene	µg/m ³	<0.01	<0.01	<0.01	≤ 05
13	Benzopyrene	µg/m ³	<0.002	<0.002	<0.002	≤ 01
14	Nickel	ng/m ³	<0.006	<0.006	<0.006	≤ 20
15	Arsenic	ng/m ³	<0.03	<0.03	<0.03	≤ 06
16	Ozone	µg/m ³	14.4	16.1	13.8	≤ 180

REMARKS/ OBSERVATIONS:

- All above results are within the limit National Ambient Air Quality Standards.
- BDL: Below Detection Limit.

 ANALYZED BY-	 AUTHORIZED SIGNATORY -
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AN "ENVIRONMENTAL LABORATORY"

Recognised by MoEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated (09 February 2017 to 08 February 2022)

MUMBAI OFFICE : Dhawalgiri Co-op, Hsg. Society, Building No.1, Flat No. B-3, Near Peace Park Hotel, Thana Naka, Panvel - 410 206 ☎ 08652671991
Email : mumbaisales@excellentenviro.com

PUNE OFFICE : Gut No. 1252, Tuljai Nagar, Behind Gharkul Building, No. C-11, Spine Road, Newale Wasti Chikhali, Pune - 411062 ☎ 09767838931
Email : punesales@excellentenviro.com

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

Website : www.eelab.in

Excellent Enviro Laboratory & Research Center Pvt. Ltd.

(Formerly known as Excellent Enviro Laboratory & Research Center)

REGISTERED OFFICE : D-52/18, MIDC Waluj, Aurangabad - 431 136. ☎0240-6641879 ☎ 9970429991/ 7745069991

Email : eelab@excellentenviro.com/info@excellentenviro.com/sales@excellentenviro.com

AMBIENT NOISE LEVEL MONITORING REPORT



Client's Name & Address	Report No.	EEL/ABD/N-217/03/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.	Date	09/03/2021
	Date Of Sampling	03/03/2021
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Main Gate	dB(A)	70.6	58.0
2.	Furnace Shed	dB(A)	66.3	56.2
3.	Green Belt area	dB(A)	63.4	51.4

OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits:** MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

 ANALYZED BY-	 AUTHORIZED SIGNATORY
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Email : punesales@excellentenviro.com

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

Website : www.eelab.in

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(Formerly known as Excellent Enviro Laboratory & Research Center)

REGISTERED OFFICE : D-52/18, MIDC Waluj, Aurangabad - 431 136. ☎0240-6641879 ☎ 9970429991/ 7745069991

Email : eelab@excellentenviro.com/info@excellentenviro.com/sales@excellentenviro.com

WORKZONE NOISE LEVEL MONITORING REPORT



Client's Name & Address	Report No.	EEL/ABD/N-218/03/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.	Date	09/03/2021
	Date Of Sampling	03/03/2021
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Furnace Shed	dB(A)	68.5	56.8
2.	Casting Area	dB(A)	64.3	54.0
3.	Raw material handling unit	dB(A)	63.1	52.4

OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- **Limits:** MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

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Email : mumbaisales@excellentenviro.com

PUNE OFFICE : Gut No. 1252, Tuljai Nagar, Behind Gharkul Building, No. C-11, Spine Road, Newale Wasti Chikhali, Pune - 411062 ☎ 09767838931
Email : punesales@excellentenviro.com

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

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SOURCE EMISSION MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/S-219/03/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.	Date	09/03/2021
	Date Of Sampling	03/03/2021
	Time Of Sampling	11:30 am
	Sampling Duration	30 Min
	Date of Analysis	05/03/2021
	Test Location	Furnace

RESULTS

Sr. No.	Description	Unit	Stack1	As per MPCB
01	Material of Stack		MS	
02	Stack Height from G.L.	Mtr.	30	
03	Type of Stack		Round	
04	Flue Gas Temperature	°C	71	
05	Differential Pressure	MmWG	1.40	
06	Velocity	M/s	6.23	
07	Dimensions of Stack	Mtr.	1.2	
08	Stack Area	M ²	1	
09	Gas Volume	Nm ³ /Hr	3225	
10	Particulate Matter	mg/Nm ³	63	150
11	SO ₂	Ppm	34	80
12	NOx	Ppm	32	80

REMARKS/ OBSERVATIONS:

All Above Results are within limits as per MPCB.

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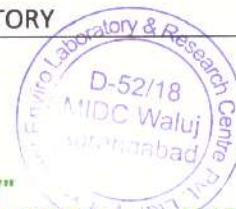
WATER ANALYSIS COMPILE REPORT

Client's Name & Address	Report No.	EEL/ABD/WW-220/03/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.	Date	09/03/2021
	Date Of Sampling	03/03/2021
	Nature Of Sample	Liquid
	Sample Collected By	EELRC
	Date of Analysis	05/03/2021
	Volume of Sample	2lit x 1 No. (Plastic Bag)

Sr. No.	Parameters	Surface water (Moti pond)	Ground Water (Rajuri Vill.)	Standards (IS 10500:2012)	Units
1.	Colour	1.8	1.3		
2.	Temperature	30	29	-	°C
3.	Turbidity	0.6	0.9	1	NTU
4.	pH	7.2	6.8	6.5-8.5	---
5.	Conductivity	398	1265	-	mS/cm
6.	TDS	335	402	500	mg/l
7.	Dissolved Oxygen	3.0	2.31	-	mg/l
8.	Total Hardness	138	126	200	mg/l
9.	Ca-Hardness	123	164		mg/l
10.	Calcium as Ca ²⁺	27	32	75	mg/l
11.	Magnesium as Mg ²⁺	0.083	0.034	30	mg/l
12.	Chlorides	151.0	195.3	250	mg/l
13.	Total Alkalinity	186	194	200	mg/l
14.	Phenolphthalein Alkalinity	Absent	Absent		mg/l
15.	Ammonical Nitrogen	Absent	Absent	-	mg/l
16.	Sulphate	44.5	61.4	200	mg/l
17.	Nitrites	480	1154	-	mg/l
18.	Phosphate	0.77	0.74	-	mg/l
19.	Fluoride	Nil	Nil	1.0	mg/l
20.	Sodium	<0.01	<0.01	-	mg/l
21.	Potassium	0.01	Nil	-	mg/l
22.	COD	38	Nil	-	mg/l
23.	BOD	10.5	Nil	-	mg/l
24.	MPN	<2.0	Nil	00	Org/dl
25.	F. coli.	<2.0	Nil	Absent	Org/dl

Note: All the parameters are within permissible limit as per IS – 10500 Standards, BDL – Below Detection Limit.

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AMBIENT AIR QUALITY MONITORING REPORT

Client's Name & Address		Report No.		EEL/ABD/A-221/04/2021-22	
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.		Date		17/04/2021	
		Date Of Sampling		12/04/2021	
		Time Of Sampling		10:30 AM	
		Sampling Duration		24 Hrs.	
		Date of Analysis		14/04/2021	
		Sample Collected By		EELRC	
Sample volume	SO ₂ (Plastic bottle)	NO ₂ (Plastic bottle)	PM10 (Filter paper)	PM2.5 (Filter paper)	
	30ml x1 No.	30ml x1 No.	1X1 No.	1X1 No.	

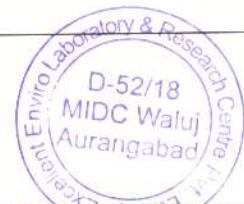
RESULTS

Sr. No	Description	Unit	Main Gate	Furnace shed	Rolling Mill Shed	NAAQ 2009 Standards
01	Ambient Temperature	°C	38	37	40	
02	Dry Bulb Temperature	°C	39	42	37	
03	Wet Bulb Temperature	°C	38	39	40	
04	Relative Humidity	% RH	25	27	26	
05	PM 10	µg/m ³	31.2	40.5	37.6	100
06	PM 2.5	µg/m ³	16.4	15.1	18.4	60
07	Sulphur Dioxide	µg/m ³	20.0	19.8	23.0	80
08	Oxides of Nitrogen	µg/m ³	22.9	24.5	21.7	80
09	Carbon Monoxide	mg/m ³	0.06	0.05	0.03	≤ 02
10	Lead	µg/m ³	<0.06	<0.06	<0.06	≤ 1.0
11	Ammonia	µg/m ³	<17.0	<17.6	<18.0	≤ 400
12	Benzene	µg/m ³	<0.01	<0.01	<0.01	≤ 05
13	Benzopyrene	µg/m ³	<0.002	<0.002	<0.002	≤ 01
14	Nickel	ng/m ³	<0.006	<0.006	<0.006	≤ 20
15	Arsenic	ng/m ³	<0.03	<0.03	<0.03	≤ 06
16	Ozone	µg/m ³	13.7	16.2	14.0	≤ 180

REMARKS/ OBSERVATIONS:

- All above results are within the limit National Ambient Air Quality Standards.
- BDL: Below Detection Limit.

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AMBIENT NOISE LEVEL MONITORING REPORT



Client's Name & Address	Report No.	EEL/ABD/N-222/04/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase- II, Jalna, Maharashtra.	Date	17/04/2021
	Date Of Sampling	12/04/2021
	Sampling Duration	15 Min.

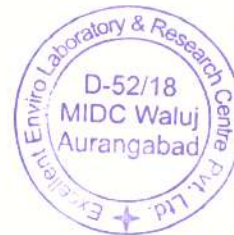
RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Main Gate	dB(A)	67.2	56.1
2.	Furnace Shed	dB(A)	64.1	51.5
3.	Green Belt area	dB(A)	63.0	50.8

OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits:** MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

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WORKZONE NOISE LEVEL MONITORING REPORT


Client's Name & Address	Report No.	EEL/ABD/N-223/04/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.	Date	17/04/2021
	Date Of Sampling	12/04/2021
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Furnace Shed	dB(A)	72.0	61.0
2.	Casting Area	dB(A)	65.2	58.4
3.	Raw material handling unit	dB(A)	66.8	56.1

OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits:** MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

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SOURCE EMISSION MONITORING REPORT



Client's Name & Address	Report No.	EEL/ABD/S-224/04/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase- II, Jalna, Maharashtra.	Date	17/04/2021
	Date Of Sampling	12/04/2021
	Time Of Sampling	11:10 am
	Sampling Duration	30 Min
	Date of Analysis	14/04/2021
	Test Location	Furnace

RESULTS

Sr. No.	Description	Unit	Stack1	As per MPCB
01	Material of Stack		MS	
02	Stack Height from G.L.	Mtr.	30	
03	Type of Stack		Round	
04	Flue Gas Temperature	°C	62	
05	Differential Pressure	MmWG	1.40	
06	Velocity	M/s	6.23	
07	Dimensions of Stack	Mtr.	1.2	
08	Stack Area	M ²	1	
09	Gas Volume	Nm ³ /Hr	3225	
10	Particulate Matter	mg/Nm ³	65	150
11	SO ₂	Ppm	25	80
12	NOx	Ppm	30	80

REMARKS/ OBSERVATIONS:

All Above Results are within limits as per MPCB.

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WATER ANALYSIS COMPILE REPORT

Client's Name & Address	Report No.	EEL/ABD/WW-225/04/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.	Date	17/04/2021
	Date Of Sampling	12/04/2021
	Nature Of Sample	Liquid
	Sample Collected By	EELRC
	Date of Analysis	14/04/2021
	Volume of Sample	2lit x 1 No. (Plastic Bag)

Sr. No.	Parameters	Surface water (Moti pond)	Ground Water (Rajuri Vill.)	Standards (IS 10500:2012)	Units
1.	Colour	1.2	2.0		
2.	Temperature	27	26	-	°C
3.	Turbidity	0.8	0.4	1	NTU
4.	pH	7.0	7.5	6.5-8.5	---
5.	Conductivity	307	346	-	mS/cm
6.	TDS	114	264	500	mg/l
7.	Dissolved Oxygen	1.28	1.79	-	mg/l
8.	Total Hardness	125	138	200	mg/l
9.	Ca-Hardness	345	326		mg/l
10.	Calcium as Ca ²⁺	37	29	75	mg/l
11.	Magnesium as Mg ²⁺	4.5	3.7	30	mg/l
12.	Chlorides	175	203	250	mg/l
13.	Total Alkalinity	142	135	200	mg/l
14.	Phenolphthalein Alkalinity	Absent	Absent		mg/l
15.	Ammonical Nitrogen	Absent	Absent	-	mg/l
16.	Sulphate	146	124	200	mg/l
17.	Nitrites	546	425	-	mg/l
18.	Phosphate	0.70	0.68	-	mg/l
19.	Fluoride	Nil	Nil	1.0	mg/l
20.	Sodium	<0.02	<0.01	-	mg/l
21.	Potassium	0.01	Nil	-	mg/l
22.	COD	30	Nil	-	mg/l
23.	BOD	5.6	Nil	-	mg/l
24.	MPN	<2.0	Nil	00	Org/dl
25.	F. coli.	<2.0	Nil	Absent	Org/dl

Note: All the parameters are within permissible limit as per IS – 10500 Standards, BDL – Below Detection Limit.

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AMBIENT AIR QUALITY MONITORING REPORT

Client's Name & Address		Report No.	EEL/ABD/A-226/05/2021-22		
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.		Date	18/05/2021		
		Date Of Sampling	13/05/2021		
		Time Of Sampling	11:15 AM		
		Sampling Duration	24 Hrs.		
		Date of Analysis	15/05/2021		
		Sample Collected By	EELRC		
Sample volume	SO ₂ (Plastic bottle)	NO ₂ (Plastic bottle)	PM10 (Filter paper)	PM2.5 (Filter paper)	
	30ml x1 No.	30ml x1 No.	1X1 No.	1X1 No.	

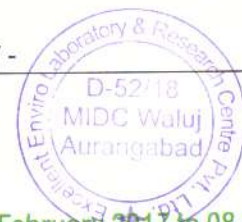
RESULTS

Sr. No	Description	Unit	Main Gate	Furnace shed	Rolling Mill Shed	NAAQ 2009 Standards
01	Ambient Temperature	°C	41	42	38	
02	Dry Bulb Temperature	°C	40	44	42	
03	Wet Bulb Temperature	°C	42	43	41	
04	Relative Humidity	% RH	36	38	36	
05	PM 10	µg/m ³	43.5	45.2	40.3	100
06	PM 2.5	µg/m ³	18.0	22.6	19.4	60
07	Sulphur Dioxide	µg/m ³	33.5	30.2	26.5	80
08	Oxides of Nitrogen	µg/m ³	20.8	18.3	23.6	80
09	Carbon Monoxide	mg/m ³	0.06	0.05	0.07	≤ 02
10	Lead	µg/m ³	<0.03	<0.03	<0.03	≤ 1.0
11	Ammonia	µg/m ³	<16.0	<16.0	<16.0	≤ 400
12	Benzene	µg/m ³	<0.02	<0.02	<0.02	≤ 05
13	Benzopyrene	µg/m ³	<0.002	<0.002	<0.002	≤ 01
14	Nickel	ng/m ³	<0.01	<0.01	<0.01	≤ 20
15	Arsenic	ng/m ³	<0.04	<0.04	<0.04	≤ 06
16	Ozone	µg/m ³	9.0	10.5	8.9	≤ 180

REMARKS/ OBSERVATIONS:

- All above results are within the limit National Ambient Air Quality Standards.
- BDL: Below Detection Limit.

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AN "ENVIRONMENTAL LABORATORY"

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MUMBAI OFFICE : Dhawalgiri Co-op. Hsg. Society, Building No.1, Flat No. B-3, Near Peace Park Hotel, Thana Naka, Panvel - 410 206 ✉ 08652671991

Email : mumbaisales@excellentenviro.com

PUNE OFFICE : Gut No. 1252, Tuljai Nagar, Behind Gharkul Building, No. C-11, Spine Road, Newale Wasti Chikhali, Pune - 411062 ✉ 09767838931

Email : punesales@excellentenviro.com

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

Website : www.eelab.in

Excellent Enviro Laboratory & Research Center Pvt. Ltd.

(Formerly known as Excellent Enviro Laboratory & Research Center)

REGISTERED OFFICE : D-52/18, MIDC Waluj, Aurangabad - 431 136. ☎0240-6641879 & 9970429991 / 7745069991

Email : eelab@excellentenviro.com/info@excellentenviro.com/sales@excellentenviro.com

AMBIENT NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/N-227/05/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.	Date	18/05/2021
	Date Of Sampling	13/05/2021
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Main Gate	dB(A)	72.0	63.1
2.	Furnace Shed	dB(A)	69.3	56.3
3.	Green Belt area	dB(A)	66.0	52.0

OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- **Limits:** MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time
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WORKZONE NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/N-228/05/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.	Date	18/05/2021
	Date Of Sampling	13/05/2021
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Furnace Shed	dB(A)	72.5	61.7
2.	Casting Area	dB(A)	64.6	55.3
3.	Raw material handling unit	dB(A)	65.0	55.0

OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- **Limits:** MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time
-

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SOURCE EMISSION MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/S-229/05/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase- II, Jalna, Maharashtra.	Date	18/05/2021
	Date Of Sampling	13/05/2021
	Time Of Sampling	11:10 am
	Sampling Duration	30 Min
	Date of Analysis	15/05/2021
	Test Location	Furnace

RESULTS

Sr. No.	Description	Unit	Stack1	As per MPCB
01	Material of Stack		MS	
02	Stack Height from G.L.	Mtr.	30	
03	Type of Stack		Round	
04	Flue Gas Temperature	°C	72	
05	Differential Pressure	MmWG	1.40	
06	Velocity	M/s	6.23	
07	Dimensions of Stack	Mtr.	1.2	
08	Stack Area	M ²	1	
09	Gas Volume	Nm ³ /Hr	3225	
10	Particulate Matter	mg/Nm ³	55	150
11	SO ₂	ppm	28	80
12	NO _x	ppm	23	80

REMARKS/ OBSERVATIONS:

All Above Results are within limits as per MPCB.

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AN "ENVIRONMENTAL LABORATORY"

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WATER ANALYSIS COMPILE REPORT

Client's Name & Address	Report No.	EEL/ABD/N-230/05/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.	Date	18/05/2021
	Date Of Sampling	13/05/2021
	Nature Of Sample	Liquid
	Sample Collected By	EELRC
	Date of Analysis	15/05/2021
	Volume of Sample	2lit x 1 No. (Plastic Bag)

Sr. No.	Parameters	Surface water (Moti pond)	Ground Water (RajuriVill.)	Standards (IS 10500:2012)	Units
1.	Colour	1.13	1.56		
2.	Temperature	31	30	-	°C
3.	Turbidity	1.50	10.1	1	NTU
4.	pH	7.1	7.4	6.5-8.5	---
5.	Conductivity	331	346	-	mS/cm
6.	TDS	162	321	500	mg/l
7.	Dissolved Oxygen	2.24	0.48	-	mg/l
8.	Total Hardness	103	155	200	mg/l
9.	Ca-Hardness	325	233		mg/l
10.	Calcium as Ca ²⁺	33	54	75	mg/l
11.	Magnesium as Mg ²⁺	0.021	0.052	30	mg/l
12.	Chlorides	124.0	152.0	250	mg/l
13.	Total Alkalinity	122	98	200	mg/l
14.	Phenolphthalein Alkalinity	Absent	Absent		mg/l
15.	Ammonical Nitrogen	Absent	Absent	-	mg/l
16.	Sulphate	63.0	79	200	mg/l
17.	Nitrites	508	331	-	mg/l
18.	Phosphate	0.69	0.70	-	mg/l
19.	Fluoride	Nil	Nil	1.0	mg/l
20.	Sodium	<0.01	<0.01	-	mg/l
21.	Potassium	0.01	Nil	-	mg/l
22.	COD	23	Nil	-	mg/l
23.	BOD	6.2	Nil	-	mg/l
24.	MPN	<2.0	Nil	00	Org/dl
25.	F. coli.	<2.0	Nil	Absent	Org/dl

Note: All the parameters are within permissible limit as per IS - 10500 Standards, BDL - Below Detection Limit.

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AMBIENT AIR QUALITY MONITORING REPORT

Client's Name & Address		Report No.	EEL/ABD/A-231/06/2021-22		
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.		Date	14/06/2021		
		Date Of Sampling	09/06/2021		
		Time Of Sampling	10:30 AM		
		Sampling Duration	24 Hrs.		
		Date of Analysis	11/06/2021		
		Sample Collected By	EELRC		
Sample volume	SO ₂ (Plastic bottle)	NO ₂ (Plastic bottle)	PM10 (Filter paper)	PM2.5 (Filter paper)	
	30ml x1 No.	30ml x1 No.	1X1 No.	1X1 No.	

RESULTS

Sr. No	Description	Unit	Main Gate	Furnace shed	Rolling Mill Shed	NAAQ 2009 Standards
01	Ambient Temperature	°C	30	32	31	
02	Dry Bulb Temperature	°C	29	33	30	
03	Wet Bulb Temperature	°C	31	29	33	
04	Relative Humidity	% RH	62	63	65	
05	PM 10	µg/m ³	40.1	44.5	40.5	100
06	PM 2.5	µg/m ³	19.0	16.2	12.4	60
07	Sulphur Dioxide	µg/m ³	18.0	17.8	20.5	80
08	Oxides of Nitrogen	µg/m ³	24.6	22.6	25.4	80
09	Carbon Monoxide	mg/m ³	0.05	0.05	0.05	≤ 02
10	Lead	µg/m ³	<0.06	<0.06	<0.06	≤ 1.0
11	Ammonia	µg/m ³	<17.0	<17.6	<17.0	≤ 400
12	Benzene	µg/m ³	<0.01	<0.01	<0.01	≤ 05
13	Benzopyrene	µg/m ³	<0.002	<0.002	<0.002	≤ 01
14	Nickel	ng/m ³	<0.006	<0.006	<0.006	≤ 20
15	Arsenic	ng/m ³	<0.03	<0.03	<0.03	≤ 06
16	Ozone	µg/m ³	9.5	10.1	11.4	≤ 180

REMARKS/ OBSERVATIONS:

- All above results are within the limit National Ambient Air Quality Standards.
- BDL: Below Detection Limit.

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AMBIENT NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/N-232/06/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase- II, Jalna, Maharashtra.	Date	14/06/2021
	Date Of Sampling	09/06/2021
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Main Gate	dB(A)	71.9	51.6
2.	Furnace Shed	dB(A)	70.5	52.5
3.	Green Belt area	dB(A)	68.2	53.1

OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits:** MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

 ANALYZED BY-	 AUTHORIZED SIGNATORY
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WORKZONE NOISE LEVEL MONITORING REPORT



Client's Name & Address	Report No.	EEL/ABD/N-233/06/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase- II, Jalna, Maharashtra.	Date	14/06/2021
	Date Of Sampling	09/06/2021
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Furnace Shed	dB(A)	69.4	59.5
2.	Casting Area	dB(A)	64.8	52.6
3.	Raw material handling unit	dB(A)	65.4	54.2

OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits:** MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

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SOURCE EMISSION MONITORING REPORT


Client's Name & Address	Report No.	EEL/ABD/N-234/06/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase- II, Jalna, Maharashtra.	Date	14/06/2021
	Date Of Sampling	09/06/2021
	Time Of Sampling	11:00 am
	Sampling Duration	30 Min
	Date of Analysis	11/06/2021
	Test Location	Furnace

RESULTS

Sr. No.	Description	Unit	Stack1	As per MPCB
01	Material of Stack		MS	
02	Stack Height from G.L.	Mtr.	30	
03	Type of Stack		Round	
04	Flue Gas Temperature	°C	71	
05	Differential Pressure	MmWG	1.40	
06	Velocity	M/s	6.23	
07	Dimensions of Stack	Mtr.	1.2	
08	Stack Area	M ²	1	
09	Gas Volume	Nm ³ /Hr	3225	
10	Particulate Matter	mg/Nm ³	58	150
11	SO ₂	Ppm	34	80
12	NOx	Ppm	22	80

REMARKS/ OBSERVATIONS:

All Above Results are within limits as per MPCB.

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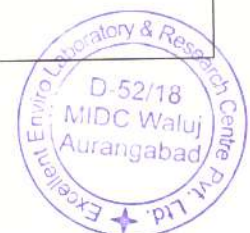
WATER ANALYSIS COMPILE REPORT

Client's Name & Address	Report No.	EEL/ABD/WW-235/06/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.	Date	14/06/2021
	Date Of Sampling	09/06/2021
	Nature Of Sample	Liquid
	Sample Collected By	EELRC
	Date of Analysis	11/06/2021
	Volume of Sample	2lit x 1 No. (Plastic Bag)

Sr. No.	Parameters	Surface water (Moti pond)	Ground Water (Rajuri Vill.)	Standards (IS 10500:2012)	Units
1.	Colour	1.6	2.0		°C
2.	Temperature	26	24	-	NTU
3.	Turbidity	0.68	0.34	1	---
4.	pH	7.3	7.5	6.5-8.5	mS/cm
5.	Conductivity	436	356	-	mg/l
6.	TDS	308	347	500	mg/l
7.	Dissolved Oxygen	3.80	1.42	-	mg/l
8.	Total Hardness	123	131	200	mg/l
9.	Ca-Hardness	330	302		mg/l
10.	Calcium as Ca ²⁺	24	33	75	mg/l
11.	Magnesium as Mg ²⁺	21.7	13.8	30	mg/l
12.	Chlorides	146.0	143.3	250	mg/l
13.	Total Alkalinity	164	146	200	mg/l
14.	Phenolphthalein Alkalinity	Absent	Absent		mg/l
15.	Ammonical Nitrogen	Absent	Absent	-	mg/l
16.	Sulphate	54.5	31.9	200	mg/l
17.	Nitrates	505	453	-	mg/l
18.	Phosphate	0.74	0.78	-	mg/l
19.	Fluoride	Nil	Nil	1.0	mg/l
20.	Sodium	<0.02	<0.01	-	mg/l
21.	Potassium	0.01	Nil	-	mg/l
22.	COD	28	Nil	-	mg/l
23.	BOD	3.0	Nil	-	mg/l
24.	MPN	<2.0	Nil	00	Org/dl
25.	F. coli.	<2.0	Nil	Absent	Org/dl

Note: All the parameters are within permissible limit as per IS - 10500 Standards, BDL - Below Detection Limit.

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AMBIENT AIR QUALITY MONITORING REPORT



Client's Name & Address		Report No.	EEL/ABD/A-236/07/2021-22	
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.		Date	17/07/2021	
		Date Of Sampling	12/07/2021	
		Time Of Sampling	10:30 AM	
		Sampling Duration	24 Hrs.	
		Date of Analysis	14/07/2021	
		Sample Collected By	EELRC	
Sample volume	SO ₂ (Plastic bottle)	NO ₂ (Plastic bottle)	PM10 (Filter paper)	PM2.5 (Filter paper)
	30ml x1 No.	30ml x1 No.	1X1 No.	1X1 No.

RESULTS

Sr. No	Description	Unit	Main Gate	Furnace shed	Rolling Mill Shed	NAAQ 2009 Standards
01	Ambient Temperature	°C	28	27	29	
02	Dry Bulb Temperature	°C	26	28	27	
03	Wet Bulb Temperature	°C	25	30	26	
04	Relative Humidity	% RH	73	75	76	
05	PM 10	µg/m ³	50.3	47.3	42.8	100
06	PM 2.5	µg/m ³	28.9	23.0	22.2	60
07	Sulphur Dioxide	µg/m ³	22.1	20.6	31.2	80
08	Oxides of Nitrogen	µg/m ³	23.0	24.2	23.4	80
09	Carbon Monoxide	mg/m ³	0.05	0.05	0.05	≤ 02
10	Lead	µg/m ³	<0.06	<0.06	<0.06	≤ 1.0
11	Ammonia	µg/m ³	<17.0	<17.0	<17.0	≤ 400
12	Benzene	µg/m ³	<0.01	<0.01	<0.01	≤ 05
13	Benzopyrene	µg/m ³	<0.002	<0.002	<0.002	≤ 01
14	Nickel	ng/m ³	<0.006	<0.006	<0.006	≤ 20
15	Arsenic	ng/m ³	<0.03	<0.03	<0.03	≤ 06
16	Ozone	µg/m ³	11.3	14.1	12.0	≤ 180

REMARKS/ OBSERVATIONS:

- All above results are within the limit National Ambient Air Quality Standards.
- BDL: Below Detection Limit.

 ANALYZED BY-	 AUTHORIZED SIGNATORY -
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AN "ENVIRONMENTAL LABORATORY"

Recognised by MoEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated (09 February 2017 to 08 February 2022)

MUMBAI OFFICE : Dhawalgiri Co-op. Hsg. Society, Building No.1, Flat No. B-3, Near Peace Park Hotel, Thana Naka, Panvel - 410 206 ☎ 08652671991
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PUNE OFFICE : Gut No. 1252, Tuljai Nagar, Behind Gharkul Building, No. C-11, Spine Road, Newale Wasti Chikhali, Pune - 411062 ☎ 09767838931
Email : punesales@excellentenviro.com

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

Website : www.eelab.in

Excellent Enviro Laboratory & Research Center Pvt. Ltd.

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Email : eelab@excellentenviro.com/info@excellentenviro.com/sales@excellentenviro.com

AMBIENT NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/N-237/07/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.	Date	17/07/2021
	Date Of Sampling	12/07/2021
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Main Gate	dB(A)	69.0	60.2
2.	Furnace Shed	dB(A)	64.1	53.8
3.	Green Belt area	dB(A)	62.3	54.6

OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits:** MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

 ANALYZED BY-	 AUTHORIZED SIGNATORY
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WORKZONE NOISE LEVEL MONITORING REPORT



Client's Name & Address	Report No.	EEL/ABD/N-238/07/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.	Date	17/07/2021
	Date Of Sampling	12/07/2021
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Furnace Shed	dB(A)	68.3	61.4
2.	Casting Area	dB(A)	66.4	54.6
3.	Raw material handling unit	dB(A)	64.1	55.0

OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits:** MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

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SOURCE EMISSION MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/S-239/07/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.	Date	17/07/2021
	Date Of Sampling	12/07/2021
	Time Of Sampling	11:10 am
	Sampling Duration	30 Min
	Date of Analysis	13/07/2021
	Test Location	Furnace

RESULTS

Sr. No.	Description	Unit	Stack1	As per MPCB
01	Material of Stack		MS	
02	Stack Height from G.L.	Mtr.	30	
03	Type of Stack		Round	
04	Flue Gas Temperature	°C	71	
05	Differential Pressure	MmWG	1.40	
06	Velocity	M/s	6.23	
07	Dimensions of Stack	Mtr.	1.2	
08	Stack Area	M ²	1	
09	Gas Volume	Nm ³ /Hr	3225	
10	Particulate Matter	mg/Nm ³	51	150
11	SO ₂	Ppm	35	80
12	NO _x	Ppm	27	80

REMARKS/ OBSERVATIONS:

All Above Results are within limits as per MPCB.

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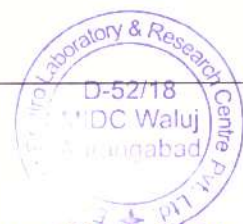
WATER ANALYSIS COMPILE REPORT

Client's Name & Address	Report No.	EEL/ABD/WW-240/07/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.	Date	17/07/2021
	Date Of Sampling	12/07/2021
	Nature Of Sample	Liquid
	Sample Collected By	EELRC
	Date of Analysis	14/07/2021
	Volume of Sample	2lit x 1 No. (Plastic Bag)

Sr. No.	Parameters	Surface water (Moti pond)	Ground Water (RajuriVill.)	Standards (IS 10500:2012)	Units
1.	Colour	0.47	0.75		
2.	Temperature	22	23	-	°C
3.	Turbidity	1.08	12.0	1	NTU
4.	pH	7.2	7.0	6.5-8.5	---
5.	Conductivity	264	315	-	mS/cm
6.	TDS	302	248	500	mg/l
7.	Dissolved Oxygen	3.31	1.64	-	mg/l
8.	Total Hardness	195	134	200	mg/l
9.	Ca-Hardness	365	765		mg/l
10.	Calcium as Ca ²⁺	37	43	75	mg/l
11.	Magnesium as Mg ²⁺	0.082	0.076	30	mg/l
12.	Chlorides	133	103	250	mg/l
13.	Total Alkalinity	105	174	200	mg/l
14.	Phenolphthalein Alkalinity	Absent	Absent		mg/l
15.	Ammonical Nitrogen	Absent	Absent	-	mg/l
16.	Sulphate	60.1	52.2	200	mg/l
17.	Nitrites	1761	2583	-	mg/l
18.	Phosphate	0.90	1.81	-	mg/l
19.	Fluoride	Nil	Nil	1.0	mg/l
20.	Sodium	<0.01	<0.01	-	mg/l
21.	Potassium	0.05	Nil	-	mg/l
22.	COD	58	Nil	-	mg/l
23.	BOD	8	Nil	-	mg/l
24.	MPN	<2.0	Nil	00	Org/dl
25.	F. coli.	<2.0	Nil	Absent	Org/dl

Note: All the parameters are within permissible limit as per IS – 10500 Standards, BDL – Below Detection Limit.

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AMBIENT AIR QUALITY MONITORING REPORT

Client's Name & Address		Report No.	EEL/ABD/A-241/08/2021-22	
Client Name and Address:		Date	11/08/2021	
M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.		Date Of Sampling	04/08/2021	
		Time Of Sampling	10:00 AM	
		Sampling Duration	24 Hrs.	
		Date of Analysis	06/08/2021	
		Sample Collected By	EELRC	
Sample volume	SO ₂ (Plastic bottle)	NO ₂ (Plastic bottle)	PM10 (Filter paper)	PM2.5 (Filter paper)
	30ml x1 No.	30ml x1 No.	1X1 No.	1X1 No.

RESULTS

Sr. No	Description	Unit	Main Gate	Furnace shed	Rolling Mill Shed	NAAQ 2009 Standards
01	Ambient Temperature	°C	26	28	28	
02	Dry Bulb Temperature	°C	28	26	26	
03	Wet Bulb Temperature	°C	27	25	28	
04	Relative Humidity	% RH	80	82	78	
05	PM 10	µg/m ³	38.2	46.0	34.0	100
06	PM 2.5	µg/m ³	21.2	32.5	33.0	60
07	Sulphur Dioxide	µg/m ³	17.8	22.8	29.7	80
08	Oxides of Nitrogen	µg/m ³	20.1	12.3	11.9	80
09	Carbon Monoxide	mg/m ³	0.05	0.05	0.05	≤ 02
10	Lead	µg/m ³	<0.06	<0.06	<0.06	≤ 1.0
11	Ammonia	µg/m ³	<17.0	<17.0	<17.0	≤ 400
12	Benzene	µg/m ³	<0.01	<0.01	<0.01	≤ 05
13	Benzopyrene	µg/m ³	<0.002	<0.002	<0.002	≤ 01
14	Nickel	ng/m ³	<0.006	<0.006	<0.006	≤ 20
15	Arsenic	ng/m ³	<0.03	<0.03	<0.03	≤ 06
16	Ozone	µg/m ³	16.0	14.8	18.0	≤ 180

REMARKS/ OBSERVATIONS:

- All above results are within the limit National Ambient Air Quality Standards.
- BDL: Below Detection Limit.

 ANALYZED BY-	 AUTHORIZED SIGNATORY -
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AMBIENT NOISE LEVEL MONITORING REPORT

Client's Name & Address	Report No.	EEL/ABD/N-242/08/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.	Date	11/08/2021
	Date Of Sampling	04/08/2021
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Main Gate	dB(A)	71.2	58.5
2.	Furnace Shed	dB(A)	69.4	61.2
3.	Green Belt area	dB(A)	65.6	57.6

OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits:** MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

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WORKZONE NOISE LEVEL MONITORING REPORT



Client's Name & Address	Report No.	EEL/ABD/N-243/08/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase- II, Jalna, Maharashtra.	Date	11/08/2021
	Date Of Sampling	04/08/2021
	Sampling Duration	15 Min.

RESULTS

Sr. No.	LOCATION	UNIT	READINGS	
			DAY TIME	NIGHT TIME
1.	Furnace Shed	dB(A)	71.2	68.4
2.	Casting Area	dB(A)	72.3	59.3
3.	Raw material handling unit	dB(A)	64.1	53.8

OBSERVATION / REMARKS:

- All above results are within MPCB Limits
- Limits:** MPCB has prescribed 75 dB(A) as an upper limit of noise level during daytime <70 dB(A) as an upper limit during night time

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SOURCE EMISSION MONITORING REPORT


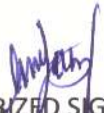
Client's Name & Address	Report No.	EEL/ABD/S-244/08/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase- II, Jalna, Maharashtra.	Date	11/08/2021
	Date Of Sampling	04/08/2021
	Time Of Sampling	11:30 am
	Sampling Duration	30 Min
	Date of Analysis	06/08/2021
	Test Location	Furnace

RESULTS

Sr. No.	Description	Unit	Stack1	As per MPCB
01	Material of Stack		MS	
02	Stack Height from G.L.	Mtr.	30	
03	Type of Stack		Round	
04	Flue Gas Temperature	°C	71	
05	Differential Pressure	MmWG	1.40	
06	Velocity	M/s	6.23	
07	Dimensions of Stack	Mtr.	1.2	
08	Stack Area	M ²	1	
09	Gas Volume	Nm ³ /Hr	3225	
10	Particulate Matter	mg/Nm ³	60	150
11	SO ₂	Ppm	34	80
12	NO _x	Ppm	23	80

REMARKS/ OBSERVATIONS:

All Above Results are within limits as per MPCB.

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WATER ANALYSIS COMPILE REPORT

Client's Name & Address	Report No.	EEL/ABD/WW-245/08/2021-22
Client Name and Address: M/s. Rathi Steel And Metal Pvt Ltd., (Formerly Known As Rajuri Steels Private Limited) Plot No. F-12, Addl. MIDC Area, Phase-II, Jalna, Maharashtra.	Date	11/08/2021
	Date Of Sampling	04/08/2021
	Nature Of Sample	Liquid
	Sample Collected By	EELRC
	Date of Analysis	06/08/2021
	Volume of Sample	2lit x 1 No. (Plastic Bag)

Sr. No.	Parameters	Surface water (Moti pond)	Ground Water (RajuriVill.)	Standards (IS 10500:2012)	Units
1.	Colour	1.3	1.7		
2.	Temperature	25	23	-	°C
3.	Turbidity	2.21	12.3	1	NTU
4.	pH	7.4	7.2	6.5-8.5	---
5.	Conductivity	305	428	-	mS/cm
6.	TDS	235	315	500	mg/l
7.	Dissolved Oxygen	2.31	1.12	-	mg/l
8.	Total Hardness	142	135	200	mg/l
9.	Ca-Hardness	224	268		mg/l
10.	Calcium as Ca ²⁺	32	43	75	mg/l
11.	Magnesium as Mg ²⁺	0.064	0.076	30	mg/l
12.	Chlorides	152.0	154.2	250	mg/l
13.	Total Alkalinity	134	136	200	mg/l
14.	Phenolphthalein Alkalinity	Absent	Absent		mg/l
15.	Ammonical Nitrogen	Absent	Absent	-	mg/l
16.	Sulphate	60.4	54.2	200	mg/l
17.	Nitrites	1311	1286	-	mg/l
18.	Phosphate	0.72	0.96	-	mg/l
19.	Fluoride	Nil	Nil	1.0	mg/l
20.	Sodium	<0.02	<0.01	-	mg/l
21.	Potassium	0.03	Nil	-	mg/l
22.	COD	42	Nil	-	mg/l
23.	BOD	8	Nil	-	mg/l
24.	MPN	<2.0	Nil	00	Org/dl
25.	F. coli.	<2.0	Nil	Absent	Org/dl

Note: All the parameters are within permissible limit as per IS – 10500 Standards, BDL – Below Detection Limit.

 ANALYZED BY-	 AUTHORIZED SIGNATORY	
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AN "ENVIRONMENTAL LABORATORY"

Recognised by MoEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated (09 February 2017 to 08 February 2022)

MUMBAI OFFICE : Dhawalgiri Co-op, Hsg. Society, Building No.1, Flat No. B-3, Near Peace Park Hotel, Thana Naka, Panvel - 410 206 ☎ 08652671991
Email : mumbaisales@excellentenviro.com

PUNE OFFICE : Gut No. 1252, Tuljai Nagar, Behind Gharkul Building, No. C-11, Spine Road, Newale Wasti Chikhali, Pune - 411062 ☎ 09767838931
Email : punesales@excellentenviro.com

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

Website : www.eelab.in



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2021

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000035990

Submitted Date

21-09-2021

PART A

Company Information

Company Name

RATHI STEEL AND METAL PVT LTD.,
(FORMERLY KNOWN AS RAJURI STEELS
PRIVATE LIMITED)

Application UAN number

MPCB-CONSENT-0000093072

Address

F-12, PHASE 2ND, ADDI. MIDC, JALNA 431203

Plot no

F-12

Taluka

JALNA

Village

DAREGAON

Capital Investment (In lakhs)

7374

Scale

LSI

City

JALNA

Pincode

431203

Person Name

DINESH KANTILAL RATHI

Designation

DIRECTOR

Telephone Number

07720088785

Fax Number

00

Email

taxes@iconsteel.com

Region

SRO-Jalna

Industry Category

Red

Industry Type

other

Last Environmental statement submitted online

yes

Consent Number

BO/JD(APC)/UANNO.0000093072/R/CC-2011001021

Consent Issue Date

2020-11-18

Consent Valid Upto

2021-06-30

Establishment Year

0

Date of last environment statement submitted

May 25 2021 12:00:00:000AM

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

Product Information

Product Name

MS BILLETS

Consent Quantity

114000

Actual Quantity

98748.73

UOM

MT/A

TMT BARS

120000

90480.84

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	25	20.00
Domestic	16	10.00
All others	29	20.00
Total	70	50.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
NA	00	00	CMD

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

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
MS BILLETS	00	0.04	CMD
TMT BARS	0	0.03	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/SPONGE IRON	00	103603.76	MT/A
MS BILLETS	00	98748.73	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
ELECTRICITY	00	122368.039	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	46.50	00	150	NA
SO2	00	20.10	00	80	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	00	00	Nos./Y

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	00	00	Nos./Y

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
BURNT STEEL & SLAG	00	3597	MT/A
MS SCRAP	00	3108	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Nil	00	00	Ton/Ton

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	Ton/Ton

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	Ton/Ton	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
BURNT STEEL & SLAG	3597	MT/A	NA
MS SCRAP	3108	MT/A	NA

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

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
UPGRADATION OF APC SYSTEM	WE HAVE INSTALLED ONLINE CONTINOUS EMISSION MONITORING SYSTEM AND MAINTAINING GREEN BELT AREA AS PER DIRECTION	70

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
UPGRADATION OF APC SYSTEM	WE HAVE INSTALLED ONLINE CONTINOUS EMISSION MONITORING SYSTEM AND MAINTAINING GREEN BELT AREA AS PER DIRECTION	50

Part-I

Any other particulars for improving the quality of the environment.

Particulars

WE HAVE INSTALLED ONLINE CONTINOUS EMISSION MONITORING SYSTEM AND MAINTAINING GREEN BELT AREA AS PER DIRECTION

Name & Designation

DINESH KANTILAL RATHI (DIRECTOR)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000035990

Submitted On:

21-09-2021