

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai-400022

RED/L.S.I (R44)

Date: 11/09/2025

No:- Format1.0/CC/UAN No.MPCB-
CONSENT_AMMENDMENT-0000016686/CR/2509000208

To,
M/s ARCELORMITTAL NIPPON STEEL INDIA PRIVATE
LIMITED (Formely AMNS Khopoli Ltd)
Village Donvat, Khopoli-Pen Road,
Tal. Khalapur, Dist. Raigad



Sub: Amendment in consent to operate for change in name under RED category

- Ref:**
1. Earlier Consent granted by Board vide No. Format1.0/CAC/UAN No.MPCBCONSENT- 0000129045/CR/2206000233 dtd 04/06/2022
 2. Minutes of 7th CAC meeting held on 24.09.2024
 3. Existing consent to operate granted by Board vide No Format1.0/CAC/UAN No.MPCBCONSENT-0000193349/CR/2411001809 dated 28.11.2024

Your application No.MPCB-CONSENT_AMMENDMENT-0000016686 Dated 15.04.2025

For: Grant of amendment in Consent to Operate for change in name under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 and Rule 18(7) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to renewal is granted for a period up to 31/03/2027**
2. **The capital investment of the project is Rs.6104.17 Crs. (As per C.A Certificate submitted by industry)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	CR Coils	1000000	MT/A
2	Galvanized coils/sheet	500000	MT/A
3	colour coated sheets	150000	MT/A
4	precision tubes	75000	MT/A
5	Electro discharge texturing (EDT) of work rolls electro chrome deposition (ECD) of work roll	50	No/D

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

<i>Sr No</i>	<i>Description</i>	<i>Permitted (in CMD)</i>	<i>Standards to</i>	<i>Disposal Path</i>
1.	Trade effluent	600	As per Schedule - I	Recycle 100% to achieve ZLD
2.	Domestic effluent	250	As per Schedule - I	On land for gardening

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

<i>Sr No.</i>	<i>Stack No.</i>	<i>Description of stack / source</i>	<i>Number of Stack</i>	<i>Standards to be achieved</i>
1	1	Boilers	4	As per Schedule -II
2	2	Furnace	5	As per Schedule -II
3	3	DG Set	5	As per Schedule -II
4	4	Process Stacks	7	As per Schedule -II
5	5	ARP	6	As per Schedule -II

6. **Non-Hazardous Wastes:**

<i>Sr No</i>	<i>Type of Waste</i>	<i>Quantity</i>	<i>UoM</i>	<i>Treatment</i>	<i>Disposal</i>
1	Metal Scrap	185	MT/M	NA	By Sale
2	Septic tank Sludge	15	MT/M	NA	Used as a Manure
3	Garbage	3.33	MT/M	NA	By Sale
4	Wooden Scrap	5.0	MT/M	NA	By Sale

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

<i>Sr No</i>	<i>Category No./ Type</i>	<i>Quantity</i>	<i>UoM</i>	<i>Treatment</i>	<i>Disposal</i>
1	5.1 Used or spent oil	45	MT/M	Recycle	Authorized Recycler/ Re-Processor
2	5.2 Wastes or residues containing oil	5	MT/M	Recycle	Send to Authorized Recycler/ Re-Processor
3	6.2 Zinc fines or dust or ash or skimmings in dispersible form	200	MT/M	Recycle	Authorized Recycler/ Re-Processor
4	12.1 Acidic and alkaline residues	130	MT/M	Recycle	Authorized Recycler/ Re-Processor
5	13.1 Spent pickling liquor	4500	KL/M	Recycle	3000 KL/M Reprocess in house ARP & 1500 KL/M Send to Authorized Recycler/ Re-Processor

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
6	13.2 Sludge from acid recovery unit	120	MT/M	Landfill	CHWTSDf
7	21.1 Process wastes, residues and sludges	15	MT/M	Incineration	CHWTSDf
8	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	167	No/D	Decontamination	Authorized Recycler/ Re-Processor
9	35.3 Chemical sludge from waste water treatment	200	MT/M	Landfill	CHWTSDf
10	Zinc Dross	500	MT/M	Recycle	Send to Authorized Recycler/ Re-Processor
11	Iron Oxide	210	MT/M	Recycle	Send to Authorized Recycler/ Re-Processor

The applicant shall ensure disposal of all recycle-reprocessing hazardous waste to the Actual user having permission under Rule 9 of Hazardous & Other waste (M&TM) Rules, 2016

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. This consent is issued pursuant to the decision of the 7th Consent Appraisal Committee Meeting held on 24.09.2024.
11. Industry shall extend BGs of Rs 50 lakh & Rs. 25 lakh towards operation and maintenance of pollution control system and compliance of consent conditions.
12. Industry shall immediately stop to obtain steam from other premised Power plant unit till they obtain permission from Board
13. The consent is granted by overriding consent no Format1.0/CAC/UAN No.MPCBCONSENT-0000193349/CR/2411001809 dated 28.11.2024.

This consent is issued on the basis of information/documents submitted by the Applicant/Project Proponent, if it has been observed that the information submitted by the Applicant/Project Proponent is false, misleading or fraudulent, the Board reserves its right to revoke the consent & further legal action will be initiated against the Applicant/Project Proponent.

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	34917900.00	TXN2402004484	21/02/2024	Online Payment
2	1707120.00	TXN2411003509	27/11/2024	Online Payment
3	208100.00	TXN2411003510	27/11/2024	Online Payment

Copy to:

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Raigad I
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC/CAC desk - for record & website updation purpose.



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have provided Effluent Treatment Plant (ETP) with design capacity 1300 CMD along with RO, MVRE, and Multi-Effect Evaporator. The effluent generated from galvanizing activity shall not mix with other effluent and shall treat separately. Also, you have provided ETP-II of capacity 100 CMD.
B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.
C] The treated effluent shall be 100 % recycled for secondary purposes. In no case, sewage shall find its way for gardening / outside factory premises.
2. A] As per your application you have provided two Sewage Treatment Plants, STP-200 CMD capacity and STP-II - 300 CMD capacity.
B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

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

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise. In no case, sewage shall find its way for outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	270.00

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	1246.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	106.36

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.



SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	Boiler Thermax	Fume Extraction system	44.00	NG 315.6 Kg/Hr	-	TPM	150 Mg/Nm ³
S-2	Boiler - JNM 12835	Fume Extraction system	44.00	NG 315.6 Kg/Hr	-	TPM	150 Mg/Nm ³
S-3	Boiler - JNM 12836	Fume Extraction system	44.00	NG 315.6 Kg/Hr	-	TPM	150 Mg/Nm ³
S-4	Boiler - Nestler	Fume Extraction system	44.00	NG 315.6 Kg/Hr	-	TPM	150 Mg/Nm ³
S-5	Annealing Furnace - Old	Fume Extraction system	32.00	NG 169.2 Kg/Hr	-	TPM	150 Mg/Nm ³
S-6	Annealing - New	Fume Extraction system	32.00	NG 169.2 Kg/Hr	-	TPM	150 Mg/Nm ³
S-7	Galvanising - CGL	Fume Extraction system	35.00	NG 199.8 Kg/Hr	-	TPM	150 Mg/Nm ³
S-8	CCL Incinerator	Fume Extraction system	30.00	NG 180.5 Kg/Hr	-	TPM	150 Mg/Nm ³
S-9	ARP - 1	Scrubber	32.00	NG 246 Kg/Hr	-	Acid Mist	35 Mg/Nm ³
S-10	ARP-2	Scrubber	32.00	NG 246 Kg/Hr	-	Acid Mist	35 Mg/Nm ³
S-11	ARP-3	Scrubber	32.00	NG 246 Kg/Hr	-	Acid Mist	35 Mg/Nm ³
S-12	Tube Mill Exhaust	Fume Extraction system	15.00	-	-	TPM	150 Mg/Nm ³
S-13	Pickling 1	Scrubber	35.00	NG 300 Kg/Hr	-	Acid Mist	35 Mg/Nm ³
S-14	Pickling 2	Scrubber	35.00	NG 300 Kg/Hr	-	Acid Mist	35 Mg/Nm ³
S-15	Pickling 3	Scrubber	35.00	NG 300 Kg/Hr	-	Acid Mist	35 Mg/Nm ³
S-16	CRM DG Set 500 KVA	Acoustic Enclosure	5.00	HSD 25 Ltr/Hr	1	SO ₂	12 Kg/Day
S-17	CCL DG Set 160 KVA	Acoustic Enclosure	5.50	HSD 15 Ltr/Hr	1	SO ₂	7.20 Kg/Day
S-18	CGL DG Set 700 KVA	Acoustic Enclosure	5.50	HSD 40 Ltr/Hr	1	SO ₂	19.20 Kg/Day
S-19	H2 Annealing	Stack	32.00	NG 50 -- NA--	-	TPM	150 Mg/Nm ³
S-20	CGL - Pot Furnace	Fume Extraction system	44.00	NG 400 Kg/Hr	-	TPM	150 Mg/Nm ³
S-21	SGL Furnace	Fume Extraction system	42.35	NG 300 Kg/Hr	-	TPM	150 Mg/Nm ³
S-22	ARP-IV	Scrubber	32.00	NG 240 Kg/Hr	-	Acid Mist	35 Mg/Nm ³
S-23	ARP V	Scrubber	32.00	NG 246 Kg/Hr	-	Acid Mist	35 Mg/Nm ³
S-24	ARP-VI	Scrubber	32.00	NG 246 Kg/Hr	-	Acid Mist	35 Mg/Nm ³
S-25	CCL II Incinerator	Fume Extraction system	30.00	NG 180 Kg/Hr	-	TPM	150 Mg/Nm ³
S-26	ECL-II	Fume Extraction system	30.00	-	-	TPM	150 Mg/Nm ³
S-27	H2 Annealing TRM	Fume Extraction system	32.00	NG 160 Kg/Hr	-	TPM	150 Mg/Nm ³
S-28	Tube Mill Exhaust II	Fume Extraction system	15.00	NG 40 Kg/Hr	-	TPM	150 Mg/Nm ³
S-29	DG Set SGL 750 KVA	Acoustic Enclosure	5.50	HSD 40 Ltr/Hr	1	SO ₂	19.20 Kg/Day
S-30	DG Set Service Centre 200 KVA	Acoustic Enclosure	5.50	HSD 40 Ltr/Hr	1	SO ₂	19.20 Kg/Day

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Parameters	Standards (unit)	
Total Particulate Matter	Not to exceed	150 mg/Nm ³
HCL	Not to exceed	35 mg/Nm ³

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	Rs. 50 Lakh	15 days	Towards not to violate the consent conditions and not to carry out any expansion activity without prior permission	31.03.2027	31.07.2027
2	C to R	Rs. 25 Lakh	15 Days	Towards operation and maintenance of pollution control system to achieve consented standards	31.03.2027	31.07.2027

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

Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

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

BG Return details

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

SCHEDULE-IV
General Conditions:

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

13. You shall operate OCEMS installed for source emission round 'O' clock and transmit data online to CPCB and MPCB server. You shall also monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in year and submit report to Sub Regional Officer.
14. You shall ensure collection, and segregation of BMW regularly to treat and dispose Off within 48 hrs from generation.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport the Bio Medical waste for any other purpose without obtaining prior written permission of the MPC Board.
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.

28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. You should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in every year and submit report to Sub Regional Officer.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
34. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
35. You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
36. You shall create the Environmental Cell by appointing an Environmental Engineer and Chemist for looking after day-to-day activities related to compliance of CCA.
37. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year

This certificate is digitally & electronically signed.
