

MAHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point, 2nd, 3rd
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Mumbai-400022

RED/L.S.I (R53)
No:- Format1.0/CC/UAN
No.0000229803/CE/2503001963

Date: 11/03/2025

To,
M/s. SMW Ispat Pvt. Ltd. (Formerly Known as M/s
Mahalaxmi TMT Pvt. Ltd.)
Plot No. B-1/4, MIDC Deoli
Tal- Deoli, Dist- Wardha.



Your Service is Our Duty

Sub: Grant of Consent to Establish for WHRB Power Plant & Direct Reduced Iron by replacing the existing static kiln to rotary kiln under Red category.

- Ref:**
1. Environmental Clearance accorded vide dated 04/10/2022.
 2. Earlier Consent to Operate granted by the Board vide no. BO/ CAC-Cell / UAN No. 0000008878 / CAC - 1704000514 dated 12/04/2017 valid upto 30/06/2021.
 3. Minutes of 5th Technical Committee for NIPL held on 30/12/2024.
 4. Minutes of 15th Consent Committee Meeting held on 12/02/2025.
 5. Your letter vide dated 10/03/2025.

Your application No.MPCB-CONSENT-0000229803 Dated 22.12.2024

For: grant of Consent to Establish under Section 25 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 establish is granted for a period up to commissioning of the unit or up to 5 year whichever is earlier.**
2. **The capital investment of the project is Rs.85 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	WHRB Power Plant	10	MW
2	Direct Reduced Iron	500	Ton/D

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	0	As per Schedule-I	Not Applicable



Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	12	As per Schedule-I	On land for gardening

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

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S1	Rotary Kiln	1	As per Schedule -II
2	S2	Coal Crusher & screen house	1	As per Schedule -II
3	S3	Iron ore crusher & screen house	1	As per Schedule -II
4	S4	Stock House	1	As per Schedule -II
5	S5	Cooler Discharge	1	As per Schedule -II
6	S6	Intermediate Bins section	1	As per Schedule -II
7	S7	Product House	1	As per Schedule -II
8	S8	DG Set (500 KVA)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Dolochar	13200	Ton/Y	None	Sold to local entrepreneurs for making a coal briquettes
2	ESP Dust	19800	Ton/Y	None	Sold to brick manufacturers
3	Ash	13200	Ton/Y	None	The ash generated from the proposed activities is/will be used for brick making

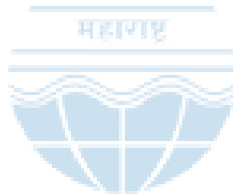
7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	10	KL/A	NA	Sale to authorized party for recycle

- The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- Industry shall comply with all the conditions stipulated in Environmental Clearance and ensure display/upload of six-monthly compliance monitoring report on their official website.
- This consent is issued pursuant to the decision of the 15th Consent Committee Meeting held on 12/02/2025.
- Industry shall comply with the conditions of the Environmental Clearance granted by MOEF&CC, GoI vide letter No. J-11011 / 1664 / 2009 - IA II (I) dtd. 06/10/2022.

13. Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
14. The condition shall be imposed as "If any submission of misleading information including NIPL certificate is noticed, then the consent issued under MoEF & CC Product Mix Circular dtd. 02.03.2021 and amendments thereto will stand.
15. This consent is issued with overriding effect on previous consent granted by Board vide No. BO/ CAC-Cell / UAN No. 0000008878 / CAC - 1704000514 dtd. 12/04/2027 valid up to 30/06/2021.
16. This consent is issued as per the decision of 5th Technical Committee meeting for change in products mix held on 30/12/2024.
17. Industry shall strictly comply with Board Circular vide No. MPCB/JD(APC) /NCAP/DG Set/B-0090 dtd. 02/06/2023 regarding Retro-Fitting of Emission Control Device (RECD) for in-use Diesel Operated Internal Combustion Engines/D.G. Sets.
18. Industry shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/Activity.
19. The industry shall create an Environment Cell by appointing an Environmental Engineer OR Expert for looking after day-to-day activities related to Environment OR Pollution control.

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	125000.00	TXN2412004755	26/12/2024	Online Payment

Copy to:

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

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) **A] Trade Effluent Generation : nill**
B] Trade effluent treatment : NA
C] Trade effluent disposal : NA
- 2) **A] As per your application, you have STP design capacity of 15 CMD for the treatment of 30 CMD sewage.**

B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

1	Suspended Solids	Not to exceed	100 mg/l
2	BOD (3 days 27°C)	Not to exceed	100 mg/l

C] The treated sewage shall be utilized for gardening to the maximum extent and remaining, if any shall be discharged to the CETP for further treatment & disposal. In no case, treated sewage shall be disposed of outside factory premises.

- 3) **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	420.00
2.	Domestic purpose	15.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	375.00
5.	Grandening	0

- 4) **Prior permission shall be obtained from CGWA / irrigation department if ground Water/surface water is being used for industrial/Domestic purpose.**
- 5) **The Board reserves its right to review plans, specifications or other data relating to plant setup for the treatment of water works for the purification thereof & the system for disposal of sewage or trade effluent or in the 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 or disposal system or and extension or addition thereto.**
- 6) **The Applicant shall provide specific water pollution control system as per the condition of EP Act, 1986, and rules 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) and observe the following fuel pattern-

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO₂
S1	Rotary Kiln	ESP	85	Imported Coal	20625 Kg/M	1.00	0.00
S2	Coal crusher & Screen House	Suction hood with ducting, ID fan, bag filter and vent	35	NA	0 --NA--	0.00	0.00
S3	Iron Ore crusher & Screen House	Suction hood with ducting, ID fan, bag filter and vent	35	NA	0 --NA--	0.00	0.00
S4	Stock House	Suction hood with ducting, ID fan, bag filter and vent	35	NA	0 --NA--	0.00	0.00
S5	Cooler Discharge	Suction hood with ducting, ID fan, bag filter and vent	35	NA	0 --NA--	0.00	0.00
S6	Intermediate Bins Section (Common for Kiln I & II)	Suction hood with ducting, ID fan, bag filter and vent	35	NA	0 --NA--	0.00	0.00
S7	Product House	Suction hood with ducting, ID fan, bag filter and vent	35	NA	0 --NA--	0.00	0.00
S8	DG Set (500 KVA)	Acoustic enclosure & stack	3.5	HSD	50 Lit/Day	1.00	16.00

- 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.

H1. Coal based Sponge Iron Plant -Kiln / WHR Boiler stack emission**	
Particulate Matter (PM)	50 mg/Nm ³
CO	1% (max.)
H3. Sponge Iron Plants (Coal/Gas) - De-dusting /Fumes extraction System	
Particulate Matter (PM)	50 mg/Nm ³

- 3) The internal roads shall be cement concrete and shall be maintained with adequate green belt.
- 4) The industry shall not cause any nuisance in surrounding area.
- 5) Industry shall install 24*7 online continuous emission monitoring system at process stack to monitor stack emissions as per CPCB guidelines and it's connectivity to CPCB & MPCB Servers. PP shall Calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.

6) A) Control Equipment

The industry shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

B) Noise Levels Standards

1.00 AM – 10.00 PM

Noise level Leq 75 dB (9A)

10.00 PM - 6.00 AM

Leq 70 dB (A)

C) Fugitive Emission Standards

The fugitive emissions level of suspended particulate matter (SPM) should not exceed 2000 µg/m³. The applicant shall install de-dusting system at the following locations & monitor the fugitive emissions levels and submit report to the board monthly.

- a. The existing industry shall comply with the standard of 2000 ug/m³
- b. Fugitive emission shall be monitored at a distance 10 meters from the source of fugitive emissions as per following.

Sr. No.	Area	Monitoring Location
1.	Raw material handling area	Wagon tippler, Screen area, Transfer Points, Stock Bin area.
2.	Crusher area	Crushing plant, vibrating screen, transfer points.
3.	Raw material feed area	Feeder area, Mixing area, transfer points, days bins
4.	Cooler discharge area	Over size discharge area, Transfer points.
5.	Product processing area	Intermediate stock bin area. Vibrating screens, Magnetic Separation unit. Transfer Points, Over Size discharge area, Product separation area, Bagging area, hoppers/storage bins.

D) Other Conditions

E) Raw Material handling and Preparation

- a. Enclosure should be provided for belt conveyors and transfer points of belt conveyors.

The above enclosures shall be rigid (and not of flexible/cloth type enclosures) and to be fitted with self-closing doors and close fitting entrances and exists. Where conveyors pass through the enclosures, flexible covers should be installed at entries and exit of the conveyors to the enclosures, minimizing the gaps around the conveyors. In wet system, provide water sprays/ sprinklers at following strategic location for dust suppression raw material transfer.

- Belt conveyors discharge / transfer point
- Crusher / screen discharge locations.

F) Cooler Discharge and Product Separation Unit.

Enclosure should be provided for belt conveyors and transfer points of belt conveyors. Dust extraction cum control system to be installed preferably bag filter or ESP or equally effective method to arrest product loss in Cooler Discharge and Product Separation area, the stack emission not be exceed 100 mg/Nm³. (Particulate Matter).



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 E	Rs. 5.0 Lakh	15 days	Towards compliance of consent & EC conditions	31.03.2030	31.03.2031
2	C to E	Rs. 5.0 Lakh	15 days	Towards installation of CAAQMS	31.03.2030	31.03.2031

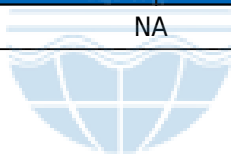
If the above Bank Guarantee is not submitted within stipulated period, then 12% interest will be levied as a penalty as per circular dtd 29/02/2024 No. BO/MPCB/AS(T)/Circular/B-240229FTS0122

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.
