

MAHARASHTRA POLLUTION CONTROL BOARD

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RED/L.S.I ()
No:- Format1.0/CAC/UAN No.MPCB-
CONSENT-0000216067/CR/2504000712

Date: 04/04/2025

To,
Mumbai Waste Management Limited,
P - 32, MIDC Taloja,
Tal. Panvel, Dist. Raigad.



Sub: Renewal of Consent to Operate, under RED category.

Ref: 1. Consent to Operate accorded by Board vide No:- Format1.0/CC/UAN
No.0000154985/CO/2306001410 dated 20/06/2023
2. Minutes of 17th Consent Committee Meeting dated 13.03.2025.

Your application No.MPCB-CONSENT-0000216067 Dated 18.07.2024

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 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:

- The consent to renewal is granted for a period up to 28/02/2030**
- The capital investment of the project is Rs. 269.7371 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 194.70 Crs + Expansion in C.I. - Rs. 75.0371 Crs)**
- Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Hazardous Waste Secured Landfill (Stabilization and Landfillable Hazardous Waste and Incinerated Ash i.e. 20% of Hazardous Waste Incinerated) and strenghtening of embankment by using vertifcal wall/ reinforced wall	350000	MT/A
2	Hazardous Waste Incineration Capacity	30000	MT/A
3	AFRF from organic Incinerable Hazardous waste & Inorganic Hazardous waste	350	MT/Day
4	AFRF From Non-Hazardous Waste	150	MT/Day

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	255.80	As per Schedule-I	Partly Recycle and partly to incinerator/MEE
2.	Domestic effluent	35	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	S-1	Incinerator - 2 Nos.	1	As per Schedule -II
2	S-2	D G Set (750 KVA)	1	As per Schedule -II
3	S-3	D G set (1010 KVA)	1	As per Schedule -II
4	S-4	D G set (125 KVA)	1	As per Schedule -II
5	S-5	Boiler	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	NA	0.00	MT/A	0.00	0.00

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	37.2 Ash from incinerator and flue gas cleaning residue	6000	MT/A	Landfill	CHWTSDF
2	37.3 Concentration or evaporation residues	6000	MT/A	Landfill	CHWTSDF

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 17th Consent Committee Meeting dated 13.03.2025.
11. PP shall strictly follow the Guidelines of CPCB for the development of the facility.
12. Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server.
13. Depending upon the technical capacity and feasibility, hazardous wastes from Industries operating in non-MIDC Industrial areas and also industries operating in MIDC areas within Maharashtra authorized by or prior permission of MPCB can also be accepted by the CHWTSDF.

14. The CHWTSDF shall cater to the requirements of environments of environmentally sound management as required under the HW Rules for the landfillable, incinerable hazardous wastes generated by the industries possessing valid authorization by Maharashtra Pollution Control Board (MPCB) and operating in the following MIDC and nearby non-MIDC Industrial Areas, as per revised area allocation order of the Board No. MPCB/RO(HQ)/HSMD/TSDf/B-7446, dated 11/12/2008.
15. In case of variations in the quantities of hazardous wastes available for CHWTSDF operations, MPCB shall review, as may be required and revise the jurisdiction of the common area allocated to the CHWTSDF at Ranjangaon.
16. The Operator of the CHWTSDF shall only accept the wastes covered under the HW Rules with prior approval of MPCB.
17. Transportation of hazardous wastes shall be done in compliance with the HW Rules respectively and the guidelines issued by CPCB in this respect from time to time. Suitable transport vehicle, closed containers etc. shall be provided commensurate with the nature. Characteristics of wastes. Transportation costs shall be recovered from the waste generators in accordance with the RFP and the agreement of MIDC with the CHWTSDF Operator.
18. The CHWTSDF operator shall be responsible for implementation of conditions and criteria as laid down in the RFP document and agreement with MIDC.
19. The CHWTSDF Operator shall be legally bound under this authorization to co-operate and comply with the directions as may be issued by MIDC in terms of its agreement with CHWTSDF Operator.
20. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)
21. 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	2697371.00	TXN2407005546	30/07/2024	Online Payment
2	125000.00	TXN2411002883	22/11/2024	Online Payment

Copy to:

1. Regional Officer, MPCB, Navi Mumbai and Sub-Regional Officer, MPCB, Taloja
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC-CAC updating.



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A) As per your application, you have provided Effluent Treatment Plant (ETP) of designed capacity of 275.00 CMD consisting of Primary (Collection tank, Neutralization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Dual media filter, Activated carbon filter), Advanced treatment (Multi effective evaporator) for the treatment of 255.80 CMD of trade effluent.
B) The Daily quantity of trade effluent shall not exceed 255.80 CMD (including leachates from CHWTSDF Operations which shall not exceed 240 CMD).
C) The treated effluent shall be recycled /reused to the maximum extent in the utilities and remaining shall be sent to MEE or incinerator. In no case, at any time effluent shall find its way to any water body directly or indirectly.
D) Industry shall ensure connectivity of continuous online Monitoring System i.e. IP Camera and flow meter installed to ensure the Zero Liquid Discharge with data logger and data to be directly transmitted from data logger to the MPCB server.
2. A) As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 35 CMD of sewage.
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
2	BOD 3 days 27°C	Not to exceed	30

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

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	251.00

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
2.	Domestic purpose	40.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	100

The Daily quantity of trade effluent shall not exceed 255.80 CMD (including leachates from CHWTSDF Operations which shall not exceed 240 CMD).

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

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

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

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	HW Incinerators (2 Nos)	Fabric Bag Filter Multi Cyclone Scrubber	50.00	HSD / PNG 100 Ltr/Hr	1.0	TPM	50 Mg/Nm ³
						SO ₂	48 Kg/Day
S-2	D G Set (750 KVA)	Acoustic Enclosure Stack	6.50	HSD 100 Ltr/Hr	1.0	SO ₂	48 Kg/Day
S-3	D G set (1010 KVA)	Acoustic Enclosure Stack	6.50	HSD 150 Ltr/Hr	1.0	SO ₂	48 Kg/Day
S-4	D G set (125 KVA)	Acoustic Enclosure Stack	5.00	HSD 20 Ltr/Hr	1.0	TPM	150 Mg/Nm ³
S-5	Boiler (PNG operated)	Stack	30.00	HSD / PNG 450 Ltr/Hr	1.0	TPM	50 Mg/Nm ³

- 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.
- Conditions under Air Act for Incinerator:-
 - Combustion efficiency (CE) shall be at least 99.00%. The combustion efficiency is computed as follows:

$$C.E. = \%CO_2 / (\%CO_2 + \%CO) \times 100$$
 - The temperature of the primary chamber shall be 800 ± 50 °C

3. The secondary chamber gas residence time shall be at least 2 (Two) second at 1200 °C ± 100 °C with minimum 3% Oxygen in the stack gas.

Sr	Parameters	Conc. Mg/Nm³ at (12% CO₂ Correction)
1.	Particulate matter	50
2.	Nitrogen Oxides	400
3.	HCL	50

4. The applicant shall provide ports in the chimney and facilities such as ladder, platform etc for monitoring the air emission and the same shall be open for inspection to / and for use of the Boards staff. The chimneys shall be numbers as S-1, S-2, etc and these shall be painted/ displayed to facilitate identification.
5. The applicant shall carry out monitoring of above mentioned parameters at least quarterly from the approved Laboratory and submit report of the same to the Board.
6. Online Continuous Monitoring System for the parameter SO₂,TPM & HCL shall be provided with connectivity to board server including for temperature.

Note:

Suitably designed pollution control devices should be installed/ retrofitted with the incinerator to achieve the above emission limits, if necessary.

Wastes to be incinerated shall not be chemically treated with any chlorinated disinfectants.

Toxic metals in incineration ash shall be limited within the regulatory quantities as defined under Hazardous & Other Waste (M&TM) Rules 2016

4. 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	50 mg/ Nm3

5. 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.
6. 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	2500000	15 days/extend	Towards O & M of pollution control systems and compliance of consent conditions.	28.02.2030	28.02.2031

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

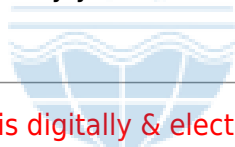
General Conditions:

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 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
38. 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.
