

# MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai-400022

RED/L.S.I (027)

Date: 17/12/2024

No:- Format1.0/CAC/UAN No.MPCB-  
CONSENT\_AMMENDMENT-0000012357/CR/2412000058

To,  
M/s. Oriental Yeast India Pvt.Ltd.,  
Plot no. A-4,Khandala MIDC Phase-I,Khandala, Dist:  
Satara-412802.



Your Service is Our Duty

**Sub: Amendment in Renewal of Consent to Operate for manufacturing of Yeast**

- Ref:**
1. Renewal of consent granted by the Board vide no. Format1.0/CAC/UAN No.MPCBCONSENT-0000133486/CR/2206000975 dt: 19/06/2022 valid up to : 30/04/2025
  2. The minutes of Consent Appraisal Committee meeting held on dt: 02/04/2024
  3. personal hearing/ technical presentation extended to industry on 19/06/2024 and personal hearing/ technical presentation extended to industry on 11/09/2024
  4. The minutes of 12th Consent Appraisal Committee meeting held on dt: 13/12/2024

Your application No.MPCB-CONSENT\_AMMENDMENT-0000012357 Dated 15.12.2023

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:

1. **Amendment in Renewal of Consent to Operate is granted for a period up to 30/04/2025**
2. **The capital investment of the project is Rs.709.82 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	Yeast(Y30- Yeast, Crumble Yeast, Dry Yeast & Distiller's Yeast)	36000	MT/A
2	Co-Gen Power	4.67	MW

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	2841	As per Schedule -I	Recycle 100 % to achieve ZLD
2.	Domestic effluent	13.5	As per Schedule - I	on land for gardening /irrigation

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	S-1	Boiler 30 TPH & 12 TPH	1	As per Schedule -II
2	S-2 & S-3	DG Sets[ 2 Nos X 2000 KVA]	2	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	Slope Boiler Ash	21.91	MT/Day	Granulation	Sale as a fertilizer
2	Co-Gen Boiler Ash	47.30	MT/Day	Reuse	Send to Brick Manufacture and Cement Plant
3	Biological Sludge from ETP	1.5	MT/Day	Mixed with slope boiler ash	Sale as a fertilizer.
4	Molasses Sludge	18	MT/Day	Mixed with slope boiler ash	Sale as a fertilizer.
5	Starch from RVF	0.05	MT/Day	Mixed with slope boiler ash	Sale as a fertilizer.
6	Condensed Molasses soluble (Slope/Vinasse )	85	MT/Day	Reuse	Sent to authorized vendors for use as, 1)Bio-Composting raw material 2) Animal feed /cattle feed raw material 3)Organic fertilizer in farming and To be used as Boiler Fuel along with Coal in their boiler

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

<b>Sr No</b>	<b>Category No./ Type</b>	<b>Quantity</b>	<b>UoM</b>	<b>Treatment</b>	<b>Disposal</b>
1	5.1 Used or spent oil	1	MT/M	Recycle	Sale to authorized recycler.

8. **Conditions under Plastic Waste Management Rules, 2016 (Notification dtd. 18/03/2016):**

<b>Sr No</b>	<b>Type of Waste</b>	<b>Quantity</b>	<b>UoM</b>	<b>Disposal Path</b>
1	Packaging material waste (sacks, cartons, papers, drums, plastics etc)	1.00	MT/Day	Sale to authorized recycler.

9. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
10. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
11. The applicant shall submit / extend BG of Rs.25 Lakhs towards O & M of pollution control system and compliance of consent condition.
12. This Consent letter has been issued with overriding over earlier granted existing Renewal of Consent to Operate granted vide no: Format1.0/CAC/UAN No.MPCBCONSENT-0000133486/CR/2206000975 dt: 19/06/2022 valid up to : 30/04/2025



13. Industry shall comply with conditions stipulated report from the government agriculture college Division of Soil Science College of Agriculture, Pune vide dt: 29/11/2023
14. Industry shall comply with conditions stipulated in Certificate from Maharashtra Animal and Fishery Sciences university; Nagpur vide dt: 13/05/2024 regarding use of condensed molasses slop as raw material in cattle feed.
15. This consent letter is issued pursuant to the decision of the 12th Consent Appraisal Committee Meeting held on dt: 13/12/2024
16. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)

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 -**

<b>Sr.No</b>	<b>Amount(Rs.)</b>	<b>Transaction/DR.No.</b>	<b>Date</b>	<b>Transaction Type</b>
1	3194207.00	MPCB-DR-11036	22/03/2022	NEFT

**Balance amount of Rs. 10,64,763/- as per consent dtd. 23.08.2021 is adjusted for this renewal, now there is no any balance fees with the MPC Board.**

**Copy to:**

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Satara  
- 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 purposes.

### **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 3000.00 CMD consisting of Primary (Collection tank, Neutralization tank, Equalization tank, Primary Clarifier/Primary Settling Tank), Secondary (MBR), Tertiary (Dual media filter), Advanced treatment (Reverse osmosis, Multi effective evaporator), Sludge treatment (Decanter) for the treatment of 2841 CMD of trade effluent.
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent:

<b>Sr.No</b>	<b>Parameters</b>	<b>Limiting concentration not to exceed in mg/l, except for pH</b>
(1)	pH	5.5 to 9.0
(2)	Oil & Grease	10
(3)	BOD (3 days 27°C )	100
(4)	Total Suspended solids	100
(5)	Total dissolved solids	2100
(6)	COD	250
(7)	Chlorides	600
(8)	Sulphate	1000

- C] The Industry shall ensure connectivity online monitoring system to the outlet of the ETP and ensure the connectivity to CPCB / MPCB server system.
  - D] The treated effluent shall be recycled / reused to the maximum extent and RO reject shall be sent to MEE so as to achieve ZLD. In no case, effluent shall find its way outside factory premises.
2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 40 CMD for the treatment of 13.5 CMD of sewage.
  - B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

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

- 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 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 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.
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:

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	3214.00
2.	Domestic purpose	15.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	1431.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	00

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/prop osed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	Boiler 30 TPH	ESP	65.00	Coal 5291 Kg/Hr	0.5	SO2	1269.84 Kg/Day
						TPM	150 Mg/Nm <sup>3</sup>
	Boiler 12 TPH	Fabric Bag Filter		Coal+ Spent Wash 3077 Kg/Hr	0.5	SO2	738.48 Kg/Day
						TPM	150 Mg/Nm <sup>3</sup>
S-2	DG Sets 2000 KVA	Acoustic Enclosure Stack	30.00	HSD 639.6 Kg/Hr	1.0	SO2	307 Kg/Day
						TPM	150 Mg/Nm <sup>3</sup>
S-3	DG Sets 2000 KVA	Acoustic Enclosure Stack	30.00	HSD 639.6 Kg/Hr	1.0	SO2	307 Kg/Day
						TPM	150 Mg/Nm <sup>3</sup>

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 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.
4. 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:**

<b>Sr. No.</b>	<b>Consent(C2E/C2O/C2R)</b>	<b>Amt of BG Imposed</b>	<b>Submission Period</b>	<b>Purpose of BG</b>	<b>Compliance Period</b>	<b>Validity Date</b>
1	Renewal of consent to operate	Rs. 25.0 Lakhs	submit/extend in 15 days	Towards operation and maintenance of pollution control system and compliances of consent conditions.	30.04.2025	31.12.2025

\*\* 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**

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

#### **BG Return details**

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





**SCHEDULE-IV**  
**General Conditions:**

1. The waste generator shall.-
  - a) take steps to minimize generation of plastic waste and segregate plastic waste at source in accordance with the Plastic Waste Management Rules, 2016 or as amended from time to time.
  - b) not litter the plastic waste and ensure segregated storage of waste at source and handover segregated waste to urban local body or gram panchayat or agencies appointed by them or registered waste pickers', registered recyclers or waste collection agencies;
2. All institutional generators of plastic waste, shall segregate and store the waste generated by them in accordance with the Plastic Waste Management Rules, 2016 amendment from time to time and handover segregated wastes to authorized waste processing or disposal facilities or deposition centers either on its own or through the authorized waste collection agency.
3. All waste generators shall pay such user fee or charge as may be specified in the byelaws of the local bodies for plastic waste management such as waste collection or operation of the facility thereof, etc.;
4. Every person responsible for organizing an event in open space, which involves service of food stuff in plastic or multilayered packaging shall segregate and manage the waste generated during such events in accordance with the Plastic Waste Management Rules, 2016 amendment from time to time.
5. The Energy source for lighting purpose shall preferably be LED based
6. 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
7. 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.
8. The applicant shall maintain good housekeeping.

9. 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.
10. 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.
11. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
12. 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).
13. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
14. 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.
15. 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.
16. 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.
17. The PP shall provide personal protection equipment as per norms of Factory Act
18. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
19. 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.
20. 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.
21. 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.

22. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
23. Industry 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](http://www.mpcb.gov.in)).
24. 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.
25. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
26. The industry should not cause any nuisance in surrounding area.
27. 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.
28. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
29. 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.
30. The industry should comply with the Hazardous and Other Wastes (M & TM) 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 April to March in Form-IV by 30th June of every year.
31. 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.
32. 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.
33. 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.

34. 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.
35. 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.
36. 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).
37. 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.

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This certificate is digitally & electronically signed.

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