

# MAHARASHTRA POLLUTION CONTROL BOARD

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ORANGE/S.S.I  
No:- Format1.0/SRO/UAN  
No.0000141159/CO/2206001463

Date: 27/06/2022

To,  
RH WOMEN'S HOSPITAL  
S.N.130A1/1A/1A/1A/D, OPPOSITE PANCHMUKHI  
HANUMAN MANDIR, KARAD-CHIPLUN ROAD,  
MARKHANDI, TAL- CHIPLUN, DIST-RATNAGIRI.  
CHIPLUN, Ratnagiri-Ratnagiri



**Sub: Combine Consent and Bio-Medical Authorization**

**Ref:**

1. Combine Consent and Bio-Medical Authorization granted by the Board vide no.
2. Your application for Combine Consent and Bio-Medical Authorization dated 15-06-2022

Combined Consent to Operate and BMW Authorization.

For: 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 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 and Bio-Medical Waste Management Rules, 2016 and amendment thereof 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 Combined Consent to Operate and BMW authorization is granted upto: 31.05.2028**
2. **The capital investment of the project is Rs.0.458 Crs. (As per C.A Certificate submitted by industry Existing-Rs. 0.458 Crs ).**
3. **The Consent is valid for the Activity of**

Sr No	Activity	Quantity	UOM
1)	Hospital		
a)	Beds	9	Nos
b)	Total Plot Area	500.00	Sq.Mtrs
c)	Total Built up Area	319.35	Sq.Mtrs

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

Sr No	Description	Permitted (in CMD)	Standards to Acheive	Disposal
1.	Trade effluent	0	As per Schedule -I	0
2.	Domestic effluent	1.3	As per Schedule - I	Septic tank & soak pit

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

Sr.No	Description of stack / source	Number of Stack	Standards to be achieved
1	NA	1	As per Schedule -II

6. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2008 for treatment and disposal of hazardous waste:**

Sr No	Type of Waste	HW Category.	Quantity	UoM	Treatment	Disposal
1	Other Hazardous Waste	Other		Kg/M	--	SENT TO MAHARASHTRA BIO HYGENIC MANAGEMENT LOTE, CBMWTSDF.
2	Other Hazardous Waste	Other		Kg/M	--	SENT TO MAHARASHTRA BIO HYGENIC MANAGEMENT LOTE, CBMWTSDF.
3	Other Hazardous Waste	Other		Kg/M	--	SENT TO MAHARASHTRA BIO HYGENIC MANAGEMENT LOTE, CBMWTSDF.
4	Other Hazardous Waste	Other		Kg/M	--	SENT TO MAHARASHTRA BIO HYGENIC MANAGEMENT LOTE, CBMWTSDF.
5	Other Hazardous Waste	Other		Kg/M	--	SENT TO MAHARASHTRA BIO HYGENIC MANAGEMENT LOTE, CBMWTSDF.

7. **Conditions about Non Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	NA	0	--NA--	--	NA

8. **Treatment and Disposal of Biomedical Waste generated to CBMWTSDF:**

Sr.No	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
1	Yellow	a) Human Anatomical waste	15.00	Yellow colored non-chlorinated plastic bags	CBMWTSDF
		b) Animal Anatomical Waste	0.00		
		c) Soiled Waste	1.00		
		d) Expired or Discarded Medicines	0.00		
		e) Chemical Waste	0.00	Separate collection system leading to effluent treatment system	
		f) Chemical Liquid Waste	3.00		
		g) Discarded linen, mattresses, beddings contaminated with blood or body fluid.	0.00		
		h) Microbiology Biotechnology and other clinical laboratory waste	0.00		
2	Red	Contaminated waste (Recyclable)	0.00	Red colored non chlorinated plastic bags or containers	CBMWTSDF
3	White (Translucent)	Waste sharps including Metals	0.50	Puncture proof, Leak proof, tamper proof container	CBMWTSDF
4	Blue	a) Glassware	0.00	Puncture proof & leak proof boxes or containers with blue colored marking.	CBMWTSDF
		b) Metallic body implants	0.00		

9. PP shall comply the following guidelines published by the CPCB on February-2019 regarding handling of BMW for utilization
  1. HCE shall preferably handover Bio-medical wastes such as pleural fluid, ascetic fluid, HBsAG positive blood, placenta etc. to the Pharmaceutical industry / Biotechnology firms for production of drugs, reagent chemicals, markers etc. if any such as Pharmaceutical industry / Biotechnology firm approaches them for the same. If there are any difficulties in the matter, the same may be communicated to such firm and copied to the board also.
  2. HCE shall strictly follow the procedure for packaging & transportation of Bio-medical Wastes such as pleural fluid, ascetic fluid, HBsAG positive blood, placenta etc. to the Pharmaceutical industry / Biotechnology firms as per the guidelines of CPCB published in Feb-2019 for "Handling of BMW for utilization".
  3. HCEs shall submit the report to the Board office about type, quantity and frequency of handling over such BMW on yearly basis.
  4. Industry to enter into legal agreement with HCE's and inform the MPC Board and competent authority of State Public Health Department about such collection of BMW along with quantity and type of waste collected.
  5. In case of any technical difficulty towards handing over the required BMW, you shall inform to the Board accordingly.
  6. HCEs shall properly dispose and handover the waste to authorised user / facilities having valid consent to operate from MPCB.
10. This consent is issued subject to conditions mentioned below:
  - a. The "authorized Person" shall comply with provisions of the Environment (Protection) Act, 1986, and the Rules made there under.
  - b. Any unauthorized change in equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of this Authorization.
  - c. You shall submit details of Management and Handling of outdated, discarded, unused Cytotoxic drugs generated in the Cancer centers, research and health care in the format prescribed by CPCB which is available on [www.cpcb.nic.in](http://www.cpcb.nic.in) alongwith Annual Report to MPCB with a copy to CPCB before 31st January every year.
  - d. You shall manage the Mercury Waste in the HCE in environmentally sound manner (including storage, spilled collection, transportation and disposal) as per CPCB guidelines published on CPCB website [www.cpcb.nic.in](http://www.cpcb.nic.in) dated: 07.09.2010 as detailed in document entitled "Environmentally Sound Management of Mercury Waste in Health Care Facilities"?
  - e. You shall ensure phase out of chlorinated plastic bags, gloves and blood bags by HCEs within two years.
  - f. You shall establish Bar code system within one year.
  - g. You shall ensure that the liquid waste is treated and disposed by all the occupier or operator of a CBWTF in accordance with the Water Act, 1974;
  - h. You shall maintain day to day basis and display the monthly record Including Annual report on its website within two years from the date of Notification.
  - i. You shall submit separate Bank Guarantees towards compliance of condition mentioned at Annexure - IV to Regional Office, within 30 days.
  - j. You shall submit compliance of Bank Guarantee conditions every six months to Regional Officer, for verification purpose.
  - k. You shall submit application for renewal of Combined Consent and Biomedical Waste authorization before 120 days along with appropriate fees.
11. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
12. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.

**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	4500.00	TXN2206001526	15/06/2022	Online Payment
2	3750.00	TXN2206001530	15/06/2022	Online Payment

**Copy to:**

1. Regional Officer, MPCB, Kolhapur and Sub-Regional Officer, MPCB, Chiplun  
- They are directed to ensure the compliance of the consent conditions.
2. Cheif Accounts Officer, MPCB,Sion, Mumbai



### **SCHEDULE-I**

#### **Terms & conditions for compliance of Water Pollution Control:**

1. A] Generation - Nil  
B] Treatment - NA  
C] Disposal - NA
2. A]  
B] Industry shall comply prescribed standards & disposal path as prescribed at Sr. No. 1 B & C of schedule I.
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	0.00
2.	Domestic purpose	2.00
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	0

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.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO <sub>2</sub>
NA	NA NA	NA	NA	NA	0 No.	0.00	0.00

2. The applicant shall provide stack height of mtrs operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Total Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup>
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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).
5. Conditions for D.G. Set
- Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - 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.
  - 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.
  - Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - 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.
  - D.G. Set shall be operated only in case of power failure.
  - The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.

**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	NA	0	0	0	0	0

\*\* 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.**

**Statement of conditions to be complied and Bank Guarantee imposed to ensure timely compliance to be observed by:**

Sr.No	Activity / Condition to be Complied	Compliance Timeline(Months)	Bank Guarantee Amount
1A	Operation and Maintenance		
1	To Segregate and Handle BMW as per Rule	Continuous	0
2	Towards Operation and Maintenance of STP/ETP to achieve prescribed discharge standards	Continuous	0
1B	Records		
1	To Maintain records of BMW and submission of Annual Report in Form -II before 31st January	Continuous	0
2	To maintain records of BMW material delivered to CBMWTSDf	Continuous	0
2	Performance		
1	To provide BMW separate storage facility as per guidelines of CPCB	Continuous	0

**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
1	NA	0	0	0	0	0

**BG Return details**

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
1	NA	0	0	0

## **SCHEDULE-IV**

### **General Conditions:**

1. You 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.
2. You should monitor effluent quality, stack emissions, noise and ambient air quality quarterly
3. 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.
4. You 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.
5. An inspection book shall be opened and made available to the Board's officers during their visit to the HCE.
6. 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](http://www.mpcb.gov.in)).
7. You shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent & authorization condition towards Environment Protection.
8. 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.
9. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the HCE.
10. You should not cause any nuisance in surrounding area.
11. You 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.
12. You shall maintain good housekeeping.
13. You shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement to Regional Office 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.
14. 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.



15. You 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. You will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
16. You shall submit official e-mail address and any change will be duly informed to the MPCB, forthwith.
17. You shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended
18. You shall observe provisions of E-waste (Management and Handling) Rules 2011 and Battery Waste (Management and Handling) Rules 2001, as amended.
19. The authorization is granted for generation of Bio-Medical Waste (BMW) in waste categories and quantities listed here in below :
20. The liquid/solid waste generated from the treatment activity (from laboratory and washing, cleaning, housekeeping and disinfecting activities) shall be treated suitably by providing effluent treatment facility to conform the standards prescribed in Schedule V of said Rules and the Environment (Protection) Act, 1986.
21. (i) BMW shall be treated and disposed of in accordance with Schedule I; and incompliance with the standards prescribed in Schedule V of said Rules. (ii) You shall setup requisite BMW treatment facilities like incinerator, autoclave / Microwave, shredder etc., at the disposal side in accordance with the BMW rules. You shall disposed of the duly treated BMW and incineration ash in secured land fill site at your own premises / at MSW secured land fill site of Municipal Council authorized by MPCB and duly earmarked for disposal of treated BMW / at common H.W. treatment & disposal facility setup as per the Hazardous Waste (M & H) Rules, 1989 as amended and authorized by MPCB.
22. (i) BMW shall not be mixed with other wastes or reused, recycled or sold in any form. (ii) BMW shall be segregated into containers / bags at the point of generation in accordance with Schedule-II prior to storage, treatment and disposal. The containers shall be labeled according to Schedule III. (iii) If a container containing BMW is to be transported from the premises where BMW is generated to any waste treatment facility outside the premises, the container shall, apart from the Label prescribed in Schedule III, also carry information prescribed in Schedule IV and shall be transported by authorized Transporter only. (iv) Notwithstanding anything contained in the Motor Vehicles Act, 1988 or Rules there under, BMW shall be transported only in such vehicle as may be authorized for the purpose by the competent authority as specified by the Government. (v) No untreated BMW shall be kept stored beyond a period of 48 hours.

23. Standards for waste autoclaving: The autoclave should be dedicated for the purposes of disinfecting and treating bio- medical waste, (I) When operating a gravity flow autoclave, medical waste shall be Subjected to: (i) A temperature of not less than 121 C° and pressure of 15 pounds per Square inch (psi) for an autoclave residence time of not less than 60 minutes; or (ii) A temperature of not less than 135 C° and a pressure of 31 psi for an autoclave residence time of not less than 45 minutes; Or (iii) A temperature of not less than 149 C° and a pressure of 52 psi for an autoclave residence time of not less than 30 minutes. (II) When operating a vacuum autoclave, medical waste shall be subjected to a minimum of one pre-vacuum pulse to purge the autoclave of all air. The waste shall be subjected to the following. (i) a temperature of not less than 121 C° and a pressure of 15 psi for an autoclave residence time of not less than 45 minutes; or (ii) a temperature of not less than 135 C° and a pressure of 31 psi for an autoclave residence time of not less than 30 minutes; or (III) Medical waste shall not be considered properly treated unless the time, temperature and pressure indicators indicate that the required time, temperature and pressure were reached during the autoclave process. If for any reasons, time temperature or pressure indicates that the required temperature, pressure or residence time was not reached, the entire load of medical waste must be autoclaved again until the proper temperature, pressure and residence time were achieved. (IV) Recording of operational parameters,- Each autoclave shall have graphic or computer recording devices which will automatically and continuously monitor and record dates, time of day, load identification number and operating parameters throughout the entire length of the autoclave cycle. (V) Validation test: Spore testing. - The autoclave should completely and consistently kill the approved biological indicator at the maximum design capacity of each autoclave unit. Biological indicator for autoclave shall be Bacillus stearothermophilus spores using vials or spore strips, with at least 1x 10<sup>4</sup> spores per milliliter. Under no circumstances will an autoclave have minimum operating parameters less than a residence time of 30 minutes, regardless of temperature and pressure, a temperature less than 121 C° or a pressure, less than 15 psi. (VI) Routine Test.—a chemical indicator strip/tape that changes color when a certain temperature is reached can be used to verify that a specific temperature has been achieved. It may be necessary to use more than one strip over the waste package at different location to ensure that the inner content of the package has been adequately autoclaved.
24. Every 'Authorized Person' shall submit an Annual Report to the prescribed Authority in Form-II by 31st January every year including information about The categories and quantities of BMW handled during the preceding year.
25. (i) Every 'Authorized Person' shall maintain records related to the generation, collection, Reception, storage, transportation, treatment, disposal and/or any form of handling of BMW in accordance with these Rules and any guidelines issued. (ii) All records shall be subject to inspection and verification by the prescribed authority at any time.
26. When any accident occurs at any institution or facility or any other site where BMW is handled or during transportation of such waste, the authorized person shall report the accident in Form III to the prescribed authority forthwith.
27. The Occupier will obey all the lawful instructions issued by the Board Officers from time to time.
28. The Occupier shall renew CBMWTSDF certificate time to time failure to which your authorization will stands cancel automatically.

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This certificate is digitally & electronically signed.

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