

दि. 28/07/2023

प्रति

मे. प्राचार्यसहिब.

छत्रपती शाहु महाराज शिक्षण संस्था,  
आयुर्वेद मह विद्यालय, कान्हवडी.  
औरंगाबाद

विषय : भंगार मध्ये विकले जाणारे

मधेय : विमतीची, आपल्या महविद्यालया-  
मधील स्थाविक प्रमाणे माव भंगार मध्ये  
विकण्यावरील परवानगी देण्यात  
याची हि जम विमती.

① पंचकर्त सेवांच्या वार्षिक नोंद

② पुस्तक

③ रेकार्ड बुक

④ रसशास्त्राची रसशास्त्रामधील  
सेवसे इवे

⑤ शांयालयामधील पेरर रद्वे

Call rates.



1/2/23

Permmitted

Permmitted  
29/07/2023

आपला विश्वास

LABDE DP.

Principal

Chhatrapati Shahu Maharaj Shikshan Sanstha's  
Ayurved Mahavidyalaya & Rughalaya,  
Kanchanwadi, Chhatrapati Sambhajinagar.



Maharashtra Pollution Control Board  
महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## Watergrace Products

SURVE NO-122, GEVRAI TANDA, PATODA SHIVAR, PAITHAN ROAD, ,  
Dist. CHHATRAPATI SAMBHAJI NAGAR – 431003

Emergency Mobile No. : 7020622416,

e-mail:- [helpdesk.watergrace@gmail.com](mailto:helpdesk.watergrace@gmail.com)



Unique Registration No.: WGPS/2023/00069



Offline QR Code

### Registration Certificate



Online QR Code

Outward No.: WGPS/2023/1197

Date: 03-01-2024

This is to certify that, C.S.M.S.S Ayurved Mahavidyalaya & Rugnalay, at KANCHANWADI ,PAITHAN ROAD,AURANGABAD, Chhatrapati Sambhaji Nagar, Maharashtra 431001 is registered with M/s. Watergrace Products, CHHATRAPATI SAMBHAJI NAGAR for Management of Bio Medical Waste in accordance with, the provision of Bio Medical Waste Management Rules, 2016, as amended and in compliance with the provisions of CPCB guidelines.

- 1 Authorized Person of HCE (Name and Designation) : DR. SHRIKANT G. DESHMUKH  
Doctor
- 2 Bombay Nursing Home Act Registration Details
  - a. BNH Registration Number : -433
  - b. BNH Issue Date : 31-03-2023
  - c. Total Number of Beds : 220 Beds
  - d. BNH Validity (Form 'C') : 31-03-2026
- 3 Common Treatment Facility Registration Details
  - a. Date of Registration : 01-01-2009
  - b. No. of Beds Registered : 220 Beds
  - c. Registration Validity : 31-12-2024
- 4 Renewal of CTF Membership (if Applicable)
  - a. Renewal Date : 01-01-2025
  - b. No. of Beds : 220 Beds
- 5 MPCB Consent (Establish/ 1<sup>st</sup> Operate/ Renewal) Details
  - a. Consent / CCA Number : -2011000412
  - b. Issue Date : 09-11-2020
  - c. Validity up to : 31-01-2025



Authorized Signature

Name : Mr.Vaibhav S.Bora

Designation : Manager

*Dr. Shrikant G. Deshmukh*  
Principal  
Chhatrapati Shahu Maharaj Shikshan Sanstha's  
Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhaji Nagar.

**Note:** HCE shall display copy of Registration Certificate at Front Desk and Temporary BMW Storage area.



# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010437/24020781/24014701  
Fax: 24024068 /24023515  
Website: <http://mpcb.gov.in>  
E-mail: [mpcb@vsnl.net](mailto:mpcb@vsnl.net)



Kalpataru Point, 2<sup>nd</sup> - 4<sup>th</sup> Floor,  
Opp. Cine Planet Cinema,  
Near Sion Circle, Sion (E)  
Mumbai - 400 022

Red/LSI

Consent No: Format 1.0/BO/PSO/HOD- 1712000515

Date: 13/12/2017

To,  
M/s. C S M S S Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Paithan Road,  
Aurangabad - 431002.  
e-mail : [hr@csms.org](mailto:hr@csms.org)

- Sub : Combined Consent to Operate and BMW Authorization under RED category to Health Care Establishment (HCE).
- Ref : 1. Your BMW authorization & Consent application received to MPCB, HQ, Sion, Mumbai on 19/06/2017.  
2. This office email on 29/08/2017.  
3. Your reply vide email dated 21/09/2017.  
4. SRO Aurangabad-I reply vide e-mail on 13/07/2017.  
5. Minutes of 6<sup>th</sup> CC meeting dated 26/09/2017.  
6. Your reply dated 23/10/2017.

## Combined Consent to Operate-Renewal

under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981, Authorization under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2008 and Biomedical Waste Management Rules 2016, as amended is considered and the consent is hereby granted subject to following terms and conditions and as detailed in the schedule I, II, III, IV & V annexed to this order:

- The consent to operate is granted for a period from 31.01.2017 to 31.01.2020.
- The capital investment of the HCE is Rs. 2.21 Cr.  
(C. A. Certificate submitted by the applicant)
- The Consent is valid for the Activity of

Sr. No.	Activity	Beds
1	Hospital	
	a) Beds	200 Nos.
	b) Total Plot Area	2000 sq. mtrs
	c) Total Built up Area	1903sq. mtrs

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

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1	Trade effluent	Nil	N.A.	N.A.
2	Domestic effluent	32	As per Schedule -I	Municipal Sewer



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

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	D.G. Set (62.5 KVA.)	1 nos.	As per Schedule - II

6. Non-Hazardous Solid Wastes:

Sr. No.	Type of Waste	Quantity	UOM	Treatment	Disposal
1	Sludge from Sewage Water treatment	As per Actual	MT/Year	--	Municipal Landfill/

7. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
8. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
9. This consent is issued subject to conditions mentioned below,

- The "authorized Person" of M/s. C S M S S Ayurved Mahavidyalaya & Rugnalaya, Aurangabad shall comply with the provisions of the Environment (Protection) Act, 1986, and the Rules made there under.
- Any unauthorized change in equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of this authorization.
- If the built up area exceeds more than 20,000 sq. mtrs. and if the hospital is commissioned after 14.09.2006, the project proponent shall comply EIA Notification 14.09.2006 by obtaining Environment Clearance.
- You shall submit details of Management and Handling of outdated, discarded, unused **Cytotoxic drugs** generated in the Cancer centers, research and health centers 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 31<sup>st</sup> January every year.
- 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".
- You shall ensure phase out of chlorinated plastic bags, gloves and blood bags by HCEs within two years.



You shall establish Bar code system within one year.

*Principat*  
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Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhaji Nagar



- (vii) 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;
- (viii) You shall maintain day to day basis record and display the monthly record including annual report on its website within two years from the date of notification.
- (ix) You shall submit BMW Annual report to the prescribed authority in Form IV by 30<sup>th</sup> June of every year including information about the categories and quantities of BMW handled during the preceding year.
- (x) All records shall be subject to inspection and verification by the prescribed authority at any time.
- (ix) From the earlier BG of Rs. 2.0 Lakh, BG of Rs. 50,000 is eligible for release. BG towards continuous performance i.e. 1.50 Lakh to be continued for a period of CCA.
- (x) Therefore, existing bank guarantee of Rs. 2.0 Lakh is eligible for release upon submission of separate Bank Guarantee of Rs. 1.50 lakhs towards compliance of condition mentioned at Annexure - IV to Regional Office, Aurangabad within 30 days.
- (x) You shall submit compliance of Bank Guarantee conditions every six months to Regional Officer, Aurangabad for verification purpose.
- (xi) You shall submit application for renewal of Combined Consent and Biomedical Waste authorization before 120 days along with appropriate fees.

For and on behalf of the  
Maharashtra Pollution Control Board

(P.K.Mirashe)  
Member Secretary

Received Consent / Authorization fee of-

Sr. No.	Amount (₹)	Transaction no.	Date
1	45,000/-	TXN1701000038	02.01.2017
2	15,000/-	TXN1704002708	20.04.2017
3	1,500/-	TXN175000268	03.05.2017

Copy to:

1. Regional Officer - MPCB, Aurangabad and Sub-Regional Officer - Aurangabad -I,  
MPCB - They are directed to ensure the compliance of the CCA conditions.  
Chief Accounts Officer, MPCB, Mumbai- for information.

M/s. C S M S S Ayurved Mahavidyalaya & Rugnalaya, Aurangabad

Chhatrapati Shahu Maharaj Shiksha Sanstha  
Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajinagar.



### Schedule-I

#### I) Terms & Conditions for compliance of Water Pollution Control

- 1) A] You shall provide combined waste water primary treatment for the Trade effluent and domestic sewage generated from the hospital and thereafter the treated effluent shall be discharged in to Sewage Treatment Plant with the adequate design capacity followed by **Chlorination** and the treated water shall be disposal to Municipal Sewer / Land application after achieving standard prescribed below:
- B] The Applicant shall operate the combined waste water treatment plant to treat the trade and domestic effluent so as to achieve the following standards prescribed by the Board or under E P Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr. No.	Parameters	Discharge Standards applicable
		Limiting Concentration in mg/l, except for pH
01	pH	6.5-9.0
02	Oil & Grease	10
03	BOD (3 days 27°C )	30
05	COD	250
06	Total Suspended Solids	100
08	Bio-Assay test	90 % survival of fish after 96 hours in 100 % effluent

- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waste water & the system for the disposal of effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps for expansion / modify or establish any modification to treatment and disposal system or an extension or addition thereto.
- 3) You 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.
- 4) You shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

#### II) Conditions under Water (Prevention & Control of Pollution) CESS Act, 1977 as amended

The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.





## Schedule-II

### Terms & conditions for compliance of Air Pollution Control

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

Sr. No.	Stack Attached to	Height in meter	Type of Fuel	Quantity lit/hr
1	D.G. Set (62.5 KVA)	3.0	Diesel	7.0

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

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.





Sr. No.	Purpose for water consumed	Water Consumption quantity CMD
1.	Industrial Cooling and boiler feed etc.,	Nil
2.	Domestic purpose	45
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	
5.	Other such as agriculture, gardening, etc.	



*Seeshmen*  
Principal

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Aryed Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajinagar.



### Schedule-III

#### Treatment and Disposal of Biomedical Waste generated from Hospital to CBMWTSDF

The authorisation is granted for generation and disposal of Bio-Medical Waste (BMW) to CBMWTSDF in waste categories and quantities listed here in below :

Sr. No.	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Colour coding	Treatment & Disposal
1	Yellow	a) Human Anatomical waste	50.0	Yellow coloured non- chlorinated plastic bags	No onsite treatment of BMW is permitted. The above mentioned Bio medical Waste shall be sent to Common BMW Treatment & Disposal facility authorised by MPCB. i.e. M/s. Watergrace Product, CBMWTSDF, Aurangabad.
		b) Animal Anatomical Waste	--		
		c) Soiled Waste	100.0		
		d) Expired or Discarded Medicines	25.0		
		e) Chemical Waste	--	Separate collection system leading to effluent treatment system	
		f) Chemical Liquid Waste	--		
		g) Discarded linen, mattresses, beddings contaminated with blood or body fluid.	25.0	Yellow coloured non- chlorinated plastic bags or suitable packing material	
h) Microbiology Biotechnology and other clinical laboratory waste	25.0	Autoclave safe plastic bags or containers			
2	Red	Contaminated waste (Recyclable)	100.0	Red coloured non chlorinated plastic bags or containers	
3	White (Translucent)	Waste sharps including Metals	25.0	Puncture proof, Leak proof, tamper proof container	
4	Blue	a) Glassware	10.0	Cardboard boxes with Blue colored marking	
		b) Metallic body implants	10.0		



Kanchanwadi, Chhatrapati Sambhajinagar, Aurangabad, Maharashtra  
 Chhatrapati Shahu Maharaj Shiksha Sanstha  
 Kanchanwadi, Chhatrapati Sambhajinagar, Aurangabad, Maharashtra



**Schedule-IV :**  
**Bank Guarantees**

Statement of conditions to be complied and Bank Guarantee imposed to ensure timely compliance to be observed by M/s. C S M S S Ayurved Mahavidyalaya & Rugnalaya, Aurangabad.

Sr. No.	Activity / Condition to be Complied	Compliance Timeline (Months)	Bank Guarantee Amount
I (A)	Operation and Maintenance		
1	To Segregate and Handle BMW as per Rule	Continuous	50,000/-
2	Operation and Maintenance of combined waste water treatment plant to achieve prescribed discharged standards	Continuous	50,000/-
I (B)	Records		
1	To Maintain records of BMW and submission of Annual Report in Form -II before 31 <sup>st</sup> January	Continuous	25,000/-
2	To maintain records of BMW material delivered to CBMWTSD	Continuous	25,000/-
		<b>Total</b>	<b>1,50,000/-</b>
Rupees One Lakh Fifty Thousand only			

Note : You shall submit the B.G. valid for additional 4 month period after the validity of your granted CCA.



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**Schedule-V**  
**General Conditions**

**The following general conditions shall apply as per the type of the industry**

- 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) You 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.
- 4) 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.
- 5) 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.
- 6) You shall submit, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 to Regional Office, Aurangabad, the 30<sup>th</sup> day of September every year.
- 7) You shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW (MH&TM) Rules 2008, 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.
- 8) You shall comply with the Hazardous Waste (M, H & TM) Rules, 2008 and submit the Annual Returns to RO- Aurangabad as per Rule 5(6) & 22(2) of Hazardous Waste (M, H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30<sup>th</sup> June of every year.
- 9) An inspection book shall be opened and made available to the Board's officers during their visit to the HCE.
- 10) 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)).
- 11) 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.



- 12) 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.
- 13) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the HCE.
- 14) You 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.
- 15) You should not cause any nuisance in surrounding area.
- 16) 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.
- 17) You shall maintain good housekeeping.
- 18) You shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement to Regional Office Mumbai by 30th September every year on available open plot area, number of trees surviving as on 31<sup>st</sup> March of the year and number of trees planted by September end.
- 19) 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.
- 20) 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.
- 21) You shall submit Six Monthly statement in respect of obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
- 22) You shall submit official e-mail address and any change will be duly informed to the MPCB, forthwith.
- 23) You shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended
- 24) You shall observe provisions of E-waste (Management and Handling) Rules 2011 and Battery Waste (Management and Handling) Rules 2001, as amended.

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*[Signature]*  
Principal  
Chhatrapati Shahu Maharaj Shikshan Sanstha's  
Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajnagar



Standard Operating Procedure  
**LABORATORY CHEMICAL WASTE DISPOSAL**

**Guidance for Disposal of Laboratory Chemical Wastes :**

## Chemical Waste Disposal Guideline

Innocuous aqueous waste	Organic Solvent	Red List	Solid Waste
<ul style="list-style-type: none"> <li>• Acid (pH&lt;4)</li> <li>• Alkali (pH&gt;10)</li> <li>• Harmless soluble inorganic salt</li> <li>• Alcohol containing salt</li> <li>• Hypochlorite solution</li> <li>• Fine (tlc grade) silica and alumina</li> </ul> <p>These chemicals should be washed down with excess water.</p>	<ul style="list-style-type: none"> <li>• <b>Chlorinated</b> Example: DCM, Chloroform, Chlorobenzene etc.</li> <li>• <b>Non-Chlorinated</b> Example: THF, ethyl acetate, hexane, toluene, methanol, etc.</li> </ul> 	<ul style="list-style-type: none"> <li>• Compounds with transitional metals</li> <li>• Biocides</li> <li>• Cyanides</li> <li>• Mineral oils and hydrocarbons</li> <li>• Poisonous organosilicon compounds</li> <li>• Metal phosphides</li> <li>• Phosphorus element</li> <li>• Fluorides and nitrites.</li> </ul>	<ul style="list-style-type: none"> <li>• Lightly contaminated Example: Gloves, empty vials/centrifuge.</li> </ul> <p><b>Broken Glassware</b> Broken glassware are usually collected in plastic-lined cardboard boxes for landfilling. Due to contamination, they are usually not suitable for recycling.</p>



*Freshman*

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Kanchanwadi, Chhatrapati Sambhajinagar.

C.S.M.S.S.Ayurved Mahavidyalaya Pathology Lab., Aurangabad.		
SOP/LAB/	Prepared by  Dr. D.J.Amale	Approved by HOD  Dr.D.J.Amale



**Chemical Compatibility Guideline :**

Many chemicals may react adversely when combined. It is recommended that incompatible chemicals be stored in separate areas of the lab.

Acids should be separated from alkalis, metals, cyanides, sulfides, azides, phosphides, and oxidizers. The reason being, when acids combine with these type of compounds, violent exothermic reaction can occur possibly causing flammable gas, and in some cases explosions.

Oxidizers should be separated from acids, organic materials, metals, reducing agents, and ammonia. This is because when oxidizers combine with these type of compounds, inflammable, and sometimes toxic compounds can occur.

**Container compatibility :**

When disposing hazardous laboratory chemical waste, chemical compatibility must be considered. For safe disposal, the container must be chemically compatible with the material it will hold.

Chemicals must not react with, weaken, or dissolve the container or lid. Acids or bases should not be stored in metal. Hydrofluoric acid should not be stored in glass. Gasoline (solvents) should not be stored or transported in lightweight polyethylene containers such as milk jugs. Moreover, the Chemical Compatibility Guidelines should be considered for more detailed information.<sup>[9]</sup>

**Packaging, labelling, and storage :**

**These are the three requirements for disposing chemical waste.**

**Packaging**

For packaging, chemical liquid waste containers should only be filled up to 75% capacity to allow for vapour expansion and to reduce potential spills which could occur from moving overfilled containers. Container material must be compatible with the stored hazardous waste. Finally, wastes must not be packaged in containers that improperly identify other nonexisting hazards.

In addition to the general packaging requirements mentioned above, incompatible materials should never be mixed together in a single container. Wastes must be stored in containers compatible with the chemicals stored as mentioned in the container compatibility section.

SOP/LAB/	Prepared by  Dr. D.J.Amale	Approved by  Dr.D.J.Amale
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Principal

Chhatrapati Shahu Maharaj Shiksha Sanstha  
Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajinagar.



छ. शा. म. शि. सं.  
आयुर्वेद महाविद्यालय व रुग्णालय  
कांचनवाडी, औरंगाबाद.

दिनांक:-17/02/2016

जीव वैद्यकीय कचरा व्यवस्थापन व हाताळणी

केंद्र शासनाच्या राजपत्रात प्रसिध्द झालेल्या जीव वैद्यकीय कचरा (व्यवस्थापन व हाताळणी) नियम 1998 नुसार सदर कचऱ्याची नियमानुसार योग्य प्रकारे विल्हेवाट लावणे सर्वांना बंधनकारक आहे. सदर कामी नियोजन कारणाची पध्दत.

विंग	जीव-वैद्यकीय कचरा प्रकार
अ) पिवळा	<ol style="list-style-type: none"> <li>1) मानवी शरीर अवयवांचा कचरा, पेशी, शरीराचे भाग, अवयव, वार</li> <li>2) प्राणीजन्य कचरा</li> <li>3) सूक्ष्मजीव शास्त्रीय व जैविक तंत्रज्ञानापासूनचा कचरा, प्रयोग शाळेतील निर्मितीसाठी या साठीचे सूक्ष्म जीव व पेशी यांचे नमुने</li> <li>4) घन कचरा (रक्ताने उत्सर्जित पदार्थांनी दुषीत असलेले साहित्य उदा. कापूस, मलमपट्ट्या, प्लास्टर, कपडे, इत्यादी.)</li> <li>5) ओला आणि सुका कचरा वेगवेगळा देणे बंधनकारक आहे.</li> </ol>
ब) लाल	<ol style="list-style-type: none"> <li>1) घन कचरा (प्लास्टिक वस्तू) धार नसलेल्या बापरन टाकून द्यावयाच्या वस्तू (प्लास्टिकच्या सलाईनच्या वाटल्या, कॅथेटर, रबरट्यूब, हातमोजे इत्यादी)</li> </ol>
क) निळा	<ol style="list-style-type: none"> <li>1) धारदार जीव कचरा (निरुपयोगी चाकू, ब्लेड, चिमटा, काच रामान इत्यादी.)</li> </ol>



Principal  
C.S.M.S.S. Ayurved Mahavidyalaya,  
Kanchanwadi, Aurangabad.

Principal  
Chhatrapati Shahu Maharaj Shikshan Sanstha's  
Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajinagar.





छ.शा.म.शि.सं.आयुर्वेद महाविद्यालय, रुग्णालय, औरंगाबाद.

## जैव वैद्यकीय कचरा व्यवस्थापन व हाताळणी

केंद्र शासनाच्या राजपत्रात प्रसिध्द झालेल्या जीव वैद्यकीय कचरा (व्यवस्थापन व हाताळणी) नियम 1998 नुसार सदर कचऱ्याची नियमानुसार योग्य प्रकारे विल्हेवाट लावणे सर्वांना बंधनकारक आहे. सदर कामी नियोजन करण्याची पध्दत.

रंग	जीव-वैद्यकीय कचरा प्रकार
पिवळा	१ मानवी शरीर अवयवांचा कचरा, पेशी, शरीराचे भाग, अवयव, वार.
	२ प्राणीजन्य कचरा.
	३ सुक्ष्मजीव शास्त्रीय व जैविक तंत्रज्ञानापासून चा कचरा, प्रयोग शाळेतील निर्मितीसाठी या साठीचे सूक्ष्म जीव व पेशी यांचे नमुने.
	४ घन कचरा (रक्ताने उत्सर्जित पदार्थांनी दुषीत असलेले साहित्य उदा. कापूस, मलमपट्ट्या, प्लास्टर, कपडे.इत्यादी.)
	५ ओला आणि सुका कचरा वेगवेगळा देणे बंधनकारक आहे.
लाल	१ घन कचरा (प्लाॅस्टीक वस्तू) धार नसलेल्या वापरन टाकून द्यावयाच्या वस्तू (प्लास्टिकच्या सलाईनच्या बाटल्या, कॅथेटर, रबरट्युब, हातमोजे इत्यादी)
निळा	१ धारदार जीव कचरा (निरुपयोगी चाकू, ब्लेड, चिमटा, काच सामान इत्यादी.)



Chhatrapati Shahu Maharaj Shikshan Sanstha's  
Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajinagar.





# Maharashtra Pollution Control Board

## 5fa8d7fdecca0968bddd5b99

### 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
NA						

\*\* 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	Rs.50,000/-
2	Towards Operation and Maintenance of STP/ETP to achieve prescribed discharge standards	Continuous	Rs.50,000/-
1B	Records		
1	To Maintain records of BMW and submission of Annual Report in Form -II before 31st January	Continuous	Rs.25,000/-
2	To maintain records of BMW material delivered to CBMWTSDf	Continuous	Rs.25,000/-
2	Performance		
1	To provide BMW separate storage facility as per guidelines of CPCB	Continuous	Rs.25,000/-

### BG Forfeiture History

Sr.No.	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

Sr.No.	Consent (C2E/C2O/C2R)	BG Imposed	Purpose of BG	Amount of BG Returned
NA				



*[Signature]*  
**Principal**  
Chhatrapati Shahu Maharaj Shikshan Sanstha's  
Ayurved Mahavidyalaya & Rugnalaya,  
Chhatrapati Sambhajinagar





# Maharashtra Pollution Control Board

## 5fa8d7fdecca0968bddd5b99

### 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	SO <sub>2</sub>	SO <sub>x</sub>
S-1	DG Set [62.5 KVA]	Acoustic enclosure and stack	3 above roof	Diesel	7 Kg/Hr	1.00	3.36

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>
--------------------------	---------------	------------------------

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
  - 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 MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.



*[Signature]*  
Principal

*[Signature]*

Principal

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Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajnagar.





Maharashtra Pollution Control Board  
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5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	45.00
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	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.

*[Signature]*



*[Signature]*  
**Principal**  
Chhatrapati Shahu Maharaj Shikshan Sanstha's  
Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajinagar.





# Maharashtra Pollution Control Board

## 5fa8d7fdecca0968bddd5b99

### SCHEDULE-I

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

1. A) As per your application, you have proposed primary ETP for the treatment 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:

Sr.No	Parameters	Standards
	I. Compulsory Parameters	Limiting Concentration in mg/l, except for pH
(1)	pH	5.5 to 8.5
(2)	Oil & Grease	10 mg/l
(3)	BOD (3 days 27°C)	30 mg/l
(4)	Total Suspended Solids	100
(6)	COD	250 mg/l

C) The treated effluent shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise and remaining shall be disposed in sewerage system provided by local body. In no case, sewage shall find its way outside hospital premises.

2. A) As per your application, you have provided Sewage Treatment Plant of designed capacity 50 CMD for the treatment of 32 CMD of sewage.  
B) The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

1	BOD	Not to exceed	30 mg/l
2	COD	Not to exceed	100 mg/l
3	Suspended Solids	Not to exceed	50 mg/l

C) The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise and remaining shall be disposed in sewerage system provided by local body. In no case, sewage shall find its way outside hospital 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.



*Reshmee*

*Reshmee*  
Principal

Chhatrapati Shahu Maharaj Shikshan Sanstha's  
Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajinagar.





Maharashtra Pollution Control Board  
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Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	126500.00	5458694	29/06/2020	RTGS
2	50000.00	MPCB-DR-0943	29/07/2020	RTGS

Balance amount of Rs. 51000 will be considered at the time of next renewal of consent.

Copy to:

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



*[Signature]*  
Principal

Chhatrapati Shahu Maharaj Shikshan Sanstha's  
Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajinagar.

*[Signature]*





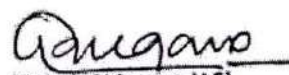
# Maharashtra Pollution Control Board

## 5fa8d7fdecca0968bddd5b99

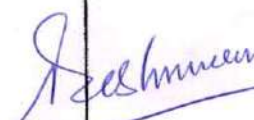
9. This consent is issued subject to conditions mentioned below:

- The "authorized Person" shall comply with provisions of the Environment (Protection) Act, 1986, and the Rules made there under.
  - Any unauthorized change in equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of this Authorization.
  - 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.
  - 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"?
  - You shall ensure phase out of chlorinated plastic bags, gloves and blood bags by HCEs within two years.
  - You shall establish Bar code system within one year.
  - 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;
  - 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.
  - You shall submit separate Bank Guarantees towards compliance of condition mentioned at Annexure - IV to Regional Office, within 30 days.
  - You shall submit compliance of Bank Guarantee conditions every six months to Regional Officer, for verification purpose.
  - You shall submit application for renewal of Combined Consent and Biomedical Waste authorization before 120 days along with appropriate fees.
10. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
11. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
12. PP shall install primary ETP for the treatment of trade effluent within 6 months.

For and on behalf of the  
Maharashtra Pollution Control  
Board.

  
(Ashok Shingare IAS),  
Member Secretary

  
Principal  
Chhatrapati Shahu Maharaj Shikshan Sanstha's  
Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajinagar.

  
Principal  
Chhatrapati Shahu Maharaj Shikshan Sanstha's  
Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajinagar.





# Maharashtra Pollution Control Board

## 5fa8d7fdecca0968bddd5b99

### 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	DG Set [ 62.5 KVA ]	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		NA	0	--NA--	NA	NA

### 7. Conditions about Non Hazardous Wastes:

Sr.No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Sludge from STP	60	Kg/Annum	drying and composting	Landfill / used as manure

### 8. Treatment and Disposal of Biomedical Waste generated from Hospital 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	50.00	Yellow colored non-chlorinated plastic bags	CBMWTSDF
		b) Animal Anatomical Waste	0.00		
		c) Soiled Waste	100.00		
		d) Expired or Discarded Medicines	25.00		
		e) Chemical Waste	10.00		
		f) Chemical Liquid Waste	10.00	Separate collection system leading to effluent treatment system	
		g) Discarded linen, mattresses, beddings contaminated with blood or body fluid.	25.00		
		h) Microbiology Biotechnology and other clinical laboratory waste	25.00		
2	Red	Contaminated waste (Recyclable)	100.00	Red colored non chlorinated plastic bags or containers	CBMWTSDF
3	White (Translucent)	Waste sharps including Metals	25.00	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		



Principal

Chhatrapati Shahu Maharaj Shikshan Sanstha's  
Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajinagar.





# Maharashtra Pollution Control Board

## 5fa8d7fdecca0968bddd5b99

### MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpatur Point, 2nd and  
4th floor, Opp. Cine Planet  
Cinema, Near Sion Circle,  
Sion (E), Mumbai-400022

RED/L.S.I

Date: 09/11/2020

No:- Format1.0/CAC/UAN No.0000085880/CR- 2011000412

To,  
CSMSS Ayurved Mahavidyalaya & Rugnalay  
Kanchanwadi, Paithan Road,  
Aurangabad-431002.

Sub: Renewal of combine consent and BMW Authorization

- Ref:
1. Combine Consent and Bio-Medical Authorization granted by the Board vide no.BO/PSO/HOD-1712000515 Dated 13.12.2017
  2. The minutes of Consent Appraisal Committee meeting dated 14.08.2020

Combined Consent to Renewal 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 Renewal and BMW authorization is granted upto: 31.01.2025
2. The capital investment of the project is Rs.2.3674 Crs. (As per C.A Certificate submitted by industry Existing-Rs. 2.21 Crs + Increase in C.I. Rs. 0.15 Crs).
3. The Consent is valid for the Activity of

Sr No	Activity	Quantity	UOM
1)	Hospital		
a)	Beds	220	Nos
b)	Total Plot Area	2000.00	Sq.Mtrs
c)	Total Built up Area	1903.00	Sq.Mtrs

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

Sr No	Description	Permitted (In CMD)	Standards to Achieve	Disposal
1.	Trade effluent	2.0	As per Schedule - I	Treated effluent recycle up to maximum extent, used on land for gardening and remaining disposed in to sewerage system provided by local body
2.	Domestic effluent	32	As per Schedule - I	As above

*Deekhumar*

Principal  
Chhatrapati Shahu Maharaj Shikshan Sanstha's  
Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajinagar,

*Anegano*

*Deekhumar*

Principal  
Chhatrapati Shahu Maharaj Shikshan Sanstha's  
Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajinagar.

CSMSS Ayurved Mahavidyalaya & Rugnalay, Chhatrapati Sambhajinagar, Aurangabad, UAN No.MPCB-CONSENT-0000085880

Page 1 of 10



# MAHARASHATRA POLLUTION CONTROL BOARD

Phone : 0240-2473461

Fax : 0240-2473462

Email : [raurangabad@mpcb.gov.in](mailto:raurangabad@mpcb.gov.in)

Visit At : <http://mpcb.maharashtra.gov.in>

Regional Office,

Paryavaran Bhavan A - 4/1, MIDC Area,

Chikalthana Near Seth Nandlal Dhoot Hospital,

Jalna Road

Aurangabad - 431210



## LETTER OF BIO-MEDICAL WASTE AUTHORISATION

[Authorisation for Generation of Bio-Medical Wastes under Rule 7(4)]

I. File number of authorization and date of issue

II. MPCB/ROA/SRO-I/BMW / AD -12757-13/ 474/572

Date : 10/05/2013

III. M/s. C. S. M. S. S. Ayurved Mahavidyalaya Rugnalaya is, hereby granted an authorization for generation of biomedical waste on the premises situated At. Kanchanwadi, Paithan Road, Aurangabad, Dist. Aurangabad.

IV. This authorization shall be in force for a period up to 31/01/2014. An application shall be made by the occupier/operator for renewal 3 Months before expiry of earlier authorisation

V. This authorisation is issued subject to compliance of the conditions stated below and to such other conditions as may be specified in the Rules for the time being in force under the Environment (Protection) Act, 1986.

VI. No of Beds: 30.



### Terms and Conditions of authorization

1. The authorized Person shall comply with the provisions of the Environment (Protection) Act, 1986, and the Rules made there under.
2. The authorisation shall be produced for inspection at the request of an officer authorized by the prescribed authority.
3. i) The authorized person shall not rent, lend or sell the biomedical waste or facility.  
ii) The authorized person can transfer the BMW generated at above premises to the "Transporter" or "Operator of Facility" authorized by MPCB under Bio Medical Waste (Management and Handling) Rules, 1998 for collection, transportation, treatment and/or disposal of BMW generated.
4. Any unauthorized change in equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of this authorisation.
5. It is the duty of the authorized person to take prior permission of the prescribed authority to close down the facility.
6. The authorisation is granted for generation of Bio-Medical Waste (BMW) in waste categories and quantities listed here in below :

10/05/2013



Principal

Chhatrapati Shahu Maharaj Shikshan Sanstha's  
Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajinagar.



Waste	Quantity	UOM	Treatment & Disposal
Cat-4 Waste Sharps	2.0	Kg/M	Bio medical Waste shall be sent to Common BMW Treatment & Disposal facility authorized by MPCB
Cat-6 Solid Waste	2.0	Kg/M	Bio medical Waste shall be sent to Common BMW Treatment & Disposal facility authorized by MPCB

1. 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.
8. (i) BMW shall be treated and disposed of in accordance with Schedule I; and in compliance 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 a 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.
9. (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.
10. Standards for waste autoclaving:  
The autoclave should be dedicated for the purposes of disinfecting and treating bio- medical wastes.
- (i) When operating a gravity flow autoclave, medical waste shall be subjected to:
- 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
  - 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



*Reshimm*  
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- (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  $1 \times 10^4$  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.
11. Every 'Authorized Person' shall submit an Annual Report to the prescribed authority in Form-II by 31<sup>st</sup> January every year including information about the categories and quantities of BMW handled during the preceding year.
- 12 (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.
13. 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.
14. The Occupier shall obey all the lawful instructions issued by the Board Officers from time to time.
15. Following Guidelines will be Used for Management of Mercury Waste
- (I) As mercury waste is a hazardous waste, the storage, handling, treatment, and disposal



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practices should be in line with the requirements of Government of India's Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules 2008, Which may be seen at

(ii) Mercury-contaminated waste should not be mixed with other bio medical waste or it should be disposed off at a hazardous waste facility or given to a mercury based equipment manufacturer.

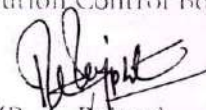
(iii) Caution should be taken not to handle mercury with bare hands and as far as possible; jewelry should be removed at the time of handling mercury. After handling mercury, hands must be carefully washed before eating or drinking. Appropriate personal protective equipment (rubber gloves, goggles, face shields and clothing) should be used while handling mercury.

(iv) Mercury - Containing thermometers should be kept in a container that does not have a hard bottom. Prefer a plastic container to a glass container, as the possibility of breakage will be less.

(v) In case of breakage, cardboard sheets should be used to push the spilled beads of mercury together. A syringe should be used to suck the beads of mercury. Mercury should be placed carefully in a container with some water. Any remaining beads of mercury will be picked up with a sticky tape and placed in a plastic bag, properly labeled.

For and on behalf of the  
Maharashtra Pollution Control Board



  
(R. A. Rajput)  
Sub-Regional Officer,  
M.P.C. Board Aurangabad-I.

To,  
M/s. C. S. M. S. S. Ayurved Mahavidyalaya Rugnalaya,  
Kanchanwadi, Paithan Road, Aurangabad, Dist. Aurangabad.

Authorization Fees Received:-

Sl. No.	Amount	DD No.	Date	Drawn On
1	15000/-	298171	16/03/2013	SBH Bank

Copy Submitted to:-  
Regional Officer, MPC Board, Aurangabad.





Principal

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Ayurved Mahavidyalaya & Rugnalaya,  
Kanchanwadi, Chhatrapati Sambhajinagar.