

7.1.4: (QIM) Describe the Facilities in the institution for the management of following types of degradable or non-degradable waste

Waste Management steps including:

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

Waste Management steps:

Solid waste management- Yes.

At Smt. K. B. Abad Homoeopathic Medical College, solid waste is disposed off directly in the garbage van provided by Central Office of SNJB institute, outside the campus. Also the waste from canteen and garden waste is collected and send it to Chandwad Nagarparishad for disposal.

Liquid waste management: Yes

Smt. K. B. Abad Homoeopathic Medical College have different small and big tunnels from different departments which joined to centrally present common tunnel for all colleges in campus which latter disposed of in tunnel for liquid provided by Chandwad nagarparishad for liquid waste management.

E-waste management- College donates E- waste to central office regularly which later sold for recycle.

Plantation:

- More than 2000 saplings are planted in college campus under Van Mahotsav. The trees are maintained with water drips.
- The awareness is created by organizing rally every year during special camp of NSS at different villages.
- NSS unit is also carrying out tree plantation as regular activity in campus.
- Faculty Staff and students are encouraged to plant trees inside and outside the campus on special occasions i.e. VanMahotsav.



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SNJB's Smt. K. B. Abad Homoeopathic
Medical College & Shri R. P. Chordiya
Nagar, Chandwad, Dist. Nashik
R.G. Institute of Homoeopathy & Research
Centre, Chandwad, Dist. Nashik

Swachha Bharat Abhiyan:

- The students & faculty along with NSS volunteers have been carry out Swachha Bharat Abhiyan every year in August & October in college campus to make college campus eco-friendly.
- The awareness is created for cleanliness by organizing rally during NSS Special camp every year.
- The hospital and college is awarded from 'Swacha Bharat Abhiyaan' from Chandwad Nagarparishad.

Carbon Neutrality:

- About more than 2000 saplings have planted in campus
- The vehicle parking arrangements have been kept at sufficient distance from central campus of college which helps in keeping campus pollution free as much as possible.
- Most of the staff members are doing vehicle sharing by four wheelers, two wheelers & use common bus for transportation purpose.

Hazardous waste management:

- Everyday all the academic buildings and other surrounding area in the campus are cleaned by outsourcing agency and they separate out waste and dispose accordingly.
- In Biochemistry, Physiology, Pathology, Pharmacy laboratory very dilute solutions are used for First Year practical's, it does not create hazardous waste. We have policy for minimum usage of hazardous chemicals in these laboratories.

Biomedical waste management:

Bio-medical Waste from laboratory, washing, cleaning, housekeeping and disinfecting activity is send to common BMW treatment and disposable facility authorized by MPCB for Nashik.

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 0253/2365150
Fax : 0253/2365140
Email : ronashik@mpcb.gov.in
Visit At : <http://mpcb.gov.in>



Udyog Bhavan, First Floor
Trimbak Road, Near ITI, Satpur,
Nashik - 422007

LETTER OF BIO-MEDICAL WASTE AUTHORISATION

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

- I. File number of authorisation and date of issue
MPCB/RONK/SRON/BMW- / /2017-
1708000169 Date: 07/08/2017
- II. M/s. SNJB'S Smt. K. B. Abad Homeopathic Medical College & Shri. R. P. Chordiya Hospital, is hereby granted an authorisation for generation of biomedical waste on the premises situated at Neminagar, Chandwad, Tal- Chandwad, Dist- Nashik
- III. This authorization shall valid for a period up to 31/03/2020. An application shall be made by the occupier/operator for renewal 3 Months before expiry of earlier authorisation.
- IV. 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.
- V. No of Beds: 37

Terms and Conditions of authorization

1. The "authorized Person" The Principal of M/s. SNJB'S Smt. K. B. Abad Homeopathic Medical College & Shri. R. P. Chordiya Hospital shall comply with the provisions of the Environment (Protection) Act, 1986, and the Rules made there under.
2. The authorization shall be produced for inspection at the request of an officer authorized by the prescribed authority i.e. Member Secretary, MPCB.
3. Any unauthorized change in equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of this authorization.
4. The authorization is granted for generation of Bio-Medical Waste (BMW) in waste Categories and quantities listed here in below:

Sr. No.	Category	Quantity	UOM	Treatment & Disposal
1	Cat-1 Human Anatomical waste	20	Kg/M	CBMWTSDf, Nashik.
2	Cat-4 Waste Sharps	10	Kg/M	CBMWTSDf, Nashik.
3	Cat-5 Discarded Medicines	5	Kg/M	CBMWTSDf, Nashik.
4	Cat-6 Solid Waste	120	Kg/M	CBMWTSDf, Nashik.
5	Cat-7 Soiled Waste	100	Kg/M	CBMWTSDf, Nashik.
6	Cat-8 Liquid Waste	3000	Ltr/M	CBMWTSDf, Nashik.

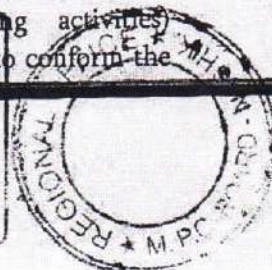
No onsite treatment of BMW is permitted. The above mentioned Bio Medical Waste shall be sent to Common BMW Treatment and Disposal facility authorized by MPCB for Nashik.

5. 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

SNJB'S Smt. K. B. Abad Homeopathic Medical College & Shri R. P. Chordiya Hospital, Bhamashah Street, Wenhata Dev-Vijay P. G. Institute of Homeopathy & Research Centre, Chandwad Dist. Nashik.

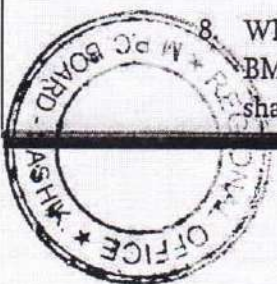
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Insured No: 842
Signature: [Signature]



standards prescribed in Schedule V of said Rules and the Environment (Protection) Act, 1986.

6. i) BMW shall not be mixed with other wastes or reused or solid 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.
- (vi) Necessary protective gear for the waste handlers shall be provided by the hospital authority.
- (vii) You shall ensure proper collection of mercury spillage arising mainly due to breakage of the monometer pressure gauges (sphygmomanometers) other equipments used in health care facilities as well as its storage in accordance with the Hazardous waste (Management & Handling) Rules (presently these Rules has to be read as 'Hazardous Waste (Management & Handling and Transboundary Movement) Rule, 2008) and returning it to the instrument manufactures apart from necessary taking steps to ensure that the spilled mercury does not become as part of bio-medical or other solid waste generated from the HCFs.
- vii) Authorized person shall obtain prior permission form MPCB for generation & disposal, of Bio-Medical waste quantity of category specified exceed the limits authorized at condition No. 4 above.
7. i) You shall submit an Annual Report to the prescribed authority in Form- by 31st January every year including information about the categories and quantities of BMW handled during the preceding year.
- ii) You 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.
- iii) All records shall be subject to inspection and verification by the prescribed authority at any time.
8. 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.



9. This authorization is issued subject to condition as mentioned below.

- i) You shall submit compliance of authorization conditions every six months to Sub-Regional Office Nashik.
- ii) You shall provide Annual report in Form-II duly certified by facility operator.
- iii) You shall provided valid copy of registration under Bombay Nursing Home Act.
- iv) You shall obtain Consent to Operate from Board under Water (P &CP) Act, 1974 and Air (P &CP) Act, 1981, forthwith.
- v) The Occupier will obey all the lawful instructions issued by the Board Officers from time to time.
- vi) The Hospital shall not carry any expansion, change, Addition, Modification, Modernization in the existing set up till to obtain prior permission from the Board.

10. The Hospital Authority shall furnish Bank Guarantee of Rs.75,000/- having validity up to 31.07.2020 drawn in favor of Regional Officer, MPCB, Nashik towards compliance of conditions of authorization within 15 days from date of issuance of the authorization as per Circular of MPCB, HQ, Mumbai vide letter No.MPCB/PSO/BMW/B-1825 dtd.10.04.2013.

11. You shall provide effluent treatment plant within 6 months from date of issuance of this authorization and for that Bank Guarantee of Rs.50000/- having validity up to 1 year drawn in favor of Regional Officer, MPCB, Nashik shall be furnished within 15 days from date of issuance of to the authorization.

To,
M/s. SNJB'S Smt. K. B. Abad Homeopathic Medical College
& Shri. R. P. Chordiya Hospital, at Neminagar, Chandwad,
Tal- Chandwad, Dist- Nashik.
Maharashtra.

(R. U. Patil)
Regional Officer, Nashik



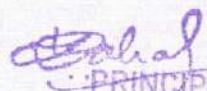
Authorization Fees Received:-

Sr. No.	Description	Payment Added	TXN No.	TXN Date	Status
1.	BMW Fee	2500/-	1703004842	29/03/2017	Success
2.	BMW Fee	1250/-	1706001556	19/06/2017	Success

Copy to:-

Sub-Regional Officer, MPCB, Nashik for information and necessary compliance of the condition mentioned in the authorization.




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Hospital - Shamshah Shri V. D. Mehata
Chandwad Institute of Homoeopathy & Research
Centre, Chandwad, Dist. Nashik