



**OFFICE OF THE MEDICAL SUPERINTENDENT
GOA MEDICAL COLLEGE & HOSPITAL
BAMBOLIM - GOA.**

PHONE No: 0832 249 5153/5280

No.GMC/MS/BMW/Biotic/2023-24/ 06

Date: 05/04/2023

To,
The Under Secretary,
Public Health Department (PHD)
Porvorim -Goa.



**Sub: Regarding Order Passed in M.A.98/2022 In Original Application
No.180/2021 (CS).**

With reference to the letter No.03/03/2023, please find below the actions taken at Goa Medical College- Bambolim in compliance with the Order passed in M.A. No.98/2022 by National Green Tribunal.

Goa Medical College is a 1155-bedded institution generating Biomedical waste in excess of 900 kg, a meticulous category-wise record of which is maintained on daily basis. GMCH has entered in to an agreement with the Common Waste Treatment Facility at Kundaim-Goa, currently run by Biotic Waste Solutions. The service provider collects, transports and disposes the waste as per the provisions of the BMW Rules, 2016.

Segregation and Storage Facilities:

BMW is segregated in different colour coded categories as stipulated in the BMW Rules, 2016. The waste is segregated in non-chlorinated, bar-coded bags (red, yellow and blue); and in White translucent, puncture proof, leak-proof container (sharps). The segregated waste is collected by the Waste Collector on daily basis and transported in dedicated wheeled bins to the Central Storage Area from where it is picked up by the vehicle of the Common Waste Treatment Facility. Laboratory and Microbiological waste is pre-treated in an autoclave before it is handed over for final disposal to the CWTF. A weighing machine compliant with the specifications in the CPCB guidelines is kept in the Central waste Collection area. Construction of Central Waste Storage Room as per the guidelines in the BMW Rules, 2016 has already been proposed, and the action from Goa State Infrastructure Development Corporation (GSIDC) in this regard is awaited. No waste

is stored in the patient care area and procedure area like the operation theatres. No BMW, except the White category, is allowed to go uncleared beyond 12 hours. The White Category Containers are cleared once they are three-fourths full.

Intramural Transportation of waste:

In-house transportation of waste from the site of generation to the central storage area is done in closed containers fitted with wheels. These containers are dedicated for collection of BMW only, and are never used for collection of general municipal waste.

Reporting of data:

Annual filing of BMW-related records to the State Pollution Control Board is done. Accident Report register documenting Needle Stick Injuries, Spills and other occupational accidents is maintained at each work station and report of the same, including the NIL Report is submitted to the SPCB. Goa State. Induction and in-service training is carried out of all levels of Health Care Workers, and the records of the same are maintained. The liquid BMW is treated with 1% sodium hypochlorite solution and discharged in the Sewage Treatment Plant of the Hospital. Testing of the Effluent generated at the Modern STP at GMCH is done and its records are submitted to the SPCB. Recyclable waste is handed over to Biotic Waste Solutions for treatment and final disposal. Details of Hepatitis B vaccination were sought from all the Health Care Workers, and those who have never been vaccinated or incomplete vaccinated would receive a complete schedule of Hepatitis B vaccine under the National Viral Hepatitis Control Programme.

Yours faithfully,


Prof. Dr. Shivanand M. Bandekar
Dean/Medical Superintendent
Goa Medical College
Bambolim – Goa

Bambolim – Goa

Copy to:

1. The Dean, Goa Medical College, Bambolim -Goa.
2. File.

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Shivanand
05/04/2023
