



BIOMEDICAL WASTE MANAGEMENT OF BMW GENERATED FROM SCREENING & TREATMENT OF NOVEL CORONO INFECTION






As per BMW Management Rules 2016 & its Amendments, BMW generated during screening, treatment, management & immunisation, etc from COVID-19 Patients and Healthcare Staffs working in wards should be segregated as follows. Onsite Pre-treatment of certain categories of waste and segregation are the core responsibilities of the Healthcare Facilities (HCF). Collection, processing, treatment & disposal will be done by the Common Biomedical Waste Treatment & Disposal Facility (CBMWTF).

CATEGORY OF WASTE	COLOR CODE (NON-CHLORINATED BAGS)	PRE-TREATMENT REQUIRED OR NOT	FINAL DISPOSAL OPTION AT CBMWTF
Soiled waste like items contaminated with blood (excluding blood bags) & body fluids, cotton swabs, etc	YELLOW	Not required	Incineration
Chemical used in the labs, Liquid waste generated in Labs, used or disinfectants to be discarded, infected secretions, aspirated body fluids, floor washings & other housekeeping & disinfecting activities	YELLOW	Separate Collection system leading to Effluent Treatment Plant for pre-treatment & neutralization	The pre-treated liquid waste shall conform to the discharge norms and then is lead to the general drain.
Personal Protective Materials like face mask, gown, caps, etc (made of fibre material or others except those made of disposable plastics)	YELLOW	Not required	Incineration
Discarded Linen, beddings contaminated with blood or body fluid	YELLOW	Not Required	Non-chlorinated Chemical Disinfection followed by incineration.
Microbiology & Laboratory waste like cultures, stocks, specimens, vaccines, dishes and devices used for cultures, blood bags, etc.	YELLOW	Pre-treatment with non-chlorinated chemicals or autoclave, microwave or hydro-clave in safe plastic bags or containers.	Pre-treated and followed by incineration.
Gloves even if contaminated with blood & body fluids	RED	Not required	Autoclaved, shredding followed by recycling.

IV tubing, bottles, sets, catheters, urine bags, vaccutainers, etc	RED	Not Required	Autoclaved, shredding followed by recycling.
Broken or intact glassware's, medicine vials, ampoules except those contaminated with Cytotoxic Waste.	BLUE Puncture proof, leak proof box or container with blue marking	Not required	Disinfection then recycling.
Metallic Sharp waste like needles, scalpels, blades, syringes with fixed needles.	WHITE Puncture proof, leak proof, tamper proof containers	Not Required	Autoclaving, shredding followed by encapsulation or disposed in iron foundries.

IF STILL IN DOUBT THE FOLLWING QUESTIONS WILL HELP IN DECIDING THE RIGHT COLOR CODE FOR SEGREGATION OF BIOMEDICAL WASTE

YELLOW	FIRE/SOILED		<p>IF IN DOUBT</p> <ul style="list-style-type: none"> ■ IS IT AN INFECTIOUS SOILED WASTE THAT CAN BE INCINERATED? ■ IS IT A DISPOSABLE RECYLABLE PLASTIC? ■ IS IT A REUSABLE GLASSWARE? ■ IS IT A METALLIC SHARE THAT CAN CAUSE INJURY?
RED	DANGEROUS/ PLASTICS		
BLUE	REUSED/GLASS		
WHITE	CEMENT ENCAPSULATION/ SHARPS	