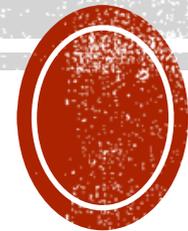




# **BIOMEDICAL WASTE MANAGEMENT RULES 2016**



**BLUE IS GONE !!**

**RED IS ON !!!**

# 3 BINS, 01 CONTAINER & 01 BOX

General  
waste



Human  
anatomical waste  
Chemo drugs  
Soiled waste  
Expired or  
Discarded  
Medicines, soiled  
linen



Contaminated  
Plastic Waste  
(Recyclable)



Waste sharps  
including  
Metals



Glassware:  
Broken or  
discarded  
and  
contaminated  
glass including  
medicine vials  
and ampoules



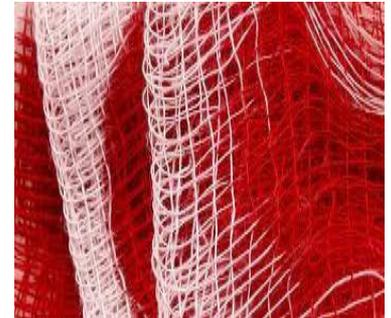


# SCHEDULE I : YELLOW CATEGORY: SOILED WASTE

**(a) Human Anatomical Waste:** Human tissues, organs, body parts and fetus

**(b) Animal Anatomical Waste :**

**(c) Soiled Waste:** Items contaminated with blood, body fluids like dressings, plaster casts, cotton swabs and bags containing residual or discarded blood



Incineration or Plasma Pyrolysis or deep burial



(d) Expired or Discarded Medicines including antibiotics



## DRUGS

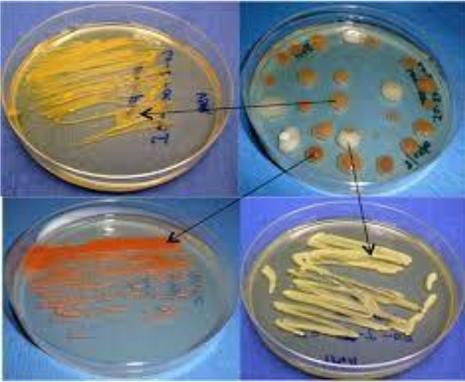
(d) **CYTOTOXIC DRUGS:** including all items contaminated with cytotoxic drugs along with glass or plastic ampoules, vials etc.



Common bio-medical waste treatment facility: Incineration



# LABORATORY WASTES & LINEN



**Microbiology, Biotechnology and other clinical laboratory waste:** Laboratory cultures, stocks or specimens of microorganisms

Pre-treat to sterilize with nonchlorinated chemicals on-site as per NACO or World Health Organization

**LINEN:** linen, mattresses, contaminated with blood or body fluid.



# CHEMICAL & LIQUID WASTES

**(g) Chemical Waste:**  
Discarded disinfectants



Yellow coloured  
containers or  
non-chlorinated  
plastic bags



Disposed of by incineration or  
Plasma Pyrolysis or  
Encapsulation in hazardous  
waste treatment, storage and  
disposal facility.

**(h) Chemical Liquid  
Waste :**discarded  
Formalin, liquid from  
laboratories and floor  
washings, cleaning, etc.



Separate  
Collection system  
leading to effluent  
treatment system

**FORMALIN  
POISON**



# SCHEDULE 1- RED CATEGORY: PLASTICS

## RECYCLEBLE WASTE

(a) Wastes generated from tubing, bottles, intravenous tubes and sets, catheters, urine bags, syringes (without needles and *fixed needle syringes*) and gloves



catheters, urine bags, syringes (without needles and *fixed needle syringes*) and gloves



Autoclaving or micro-waving/hydroclaving followed by shredding or mutilation

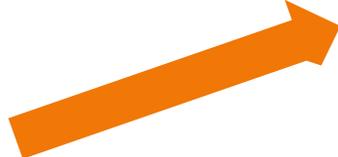


# SHARP CONTAINERS

Puncture proof, Tamper proof, Leak proof containers!!



# SCHEDULE 1- WHITE



**Waste sharps**  
**Including Metals:**  
Needles, syringes with fixed needles, needles from needle tip cutter or burner, scalpels, blades,  
This includes both used, discarded and contaminated metal sharps

Autoclaving or Dry Heat Sterilization followed by shredding or mutilation



# SCHEDULE 1- CATEGORIES AND THEIR SEGREGATION, COLLECTION, TREATMENT, PROCESSING AND DISPOSAL OPTIONS

## Glassware:

Broken or discarded and contaminated glass including medicine vials and ampoules except those contaminated with cytotoxic wastes & Metallic Body Implants



Disinfection (by soaking the washed glass waste after cleaning with detergent and Sodium Hypochlorite treatment) or through autoclaving or microwaving or hydro claving and then sent for recycling.



# GENERAL WASTE IN BLACK



# TAKE HOME MESSAGE....

**YELLOW** has blood, drugs and tissues dead,  
Plastics;tubes and syringe now go in **RED**,  
**Sharps** in Containers lockable & white,  
**Black is** for garbage; BMW not by right,  
Card boards shall carry bottles and Glasses,  
*All we need, are a few more classes!!*



A hand is shown from the bottom right, palm up, holding a glowing, translucent sphere. The sphere has a bright white center that fades to a light grey at the edges. Inside the sphere, the words "THANK YOU" are written in a bold, black, sans-serif font, centered on two lines. The background is a solid, dark grey color.

**THANK  
YOU**