

### What is waste?

Waste is any substance or object which is discarded, intended to be discarded or is required to be discarded. Waste can include expired raw materials generated from a process for which there is no further use on-site, expired finished products, process or non-process by-products, customer returns, redundant equipment, etc. It can also include electronic waste (or "e-waste"). (Higg 2.0-How to Higg Guide, V1.0, pg 66)

### Waste Classification:

Waste generated in a facility can be classified mainly into two categories,

- 1) Hazardous waste
- 2) Non-hazardous waste

### Hazardous waste

"A hazardous waste is a waste that could cause harm to public health and/or the environment because of its chemical, physical or biological characteristics (e.g., it is flammable, explosive, toxic, radioactive, or infectious). Hazardous wastes that is dangerous or potentially harmful to our health or the environment. Hazardous wastes can be liquids, solids, gases, or sludge. They can be discarded commercial products, like cleaning fluids or pesticides, or the by-products of manufacturing processes. (The U.S. Environmental Protection Agency)" (Higg 2.0-How to Higg Guide, V1.0, pg 66)

### Environmental Conservation Act 1995 Amendment 2000

" ঝুঁকিপূর্ণ বর্জ্য ( Hazardous Waste) " অর্থ যে কোন বর্জ্য যাহা নিজস্ব ভৌত বা রাসায়নিক গুণগত কারণে অথবা অন্য কোন বর্জ্য বা পদার্থের সংস্পর্শে আসার কারণে বিষক্রিয়া, জীবানু সংক্রমণ, দহন, বিস্ফোরণক্রিয়া, তেজক্রিয়া, ক্ষয়ক্রিয়া বা অন্য কোন ক্ষতিকর ক্রিয়া দ্বারা পরিবেশের ক্ষতি সাধনে সক্ষম ।

#### Example:

- Waste from, dyeing, washing, printing, embroidery, cutting, sewing, finishing, packaging & finishing
- Waste from warehouse/ storeroom
- Waste from printing, embroidery
- Rejected garments
- Rejected / unused dyes & chemicals
- Laboratory waste
- ETP sludge & Unused ETP chemicals

### Non- Process Wastes:

Not directly related to production process

#### Example:

- Office waste – paper, cartoons, used printer/photo copier ink/toners
- Medical waste
- Electronic waste- used bulbs, tube lights, batteries, monitor
- Oil, grease, leftover diesel
- Burned diesel
- Metallic and maintenance wastes
- Chemical drums & containers
- Paint

### Waste Matrix

Type of waste	Process waste	Non-process waste
Non-hazardous waste	Non-hazardous Process waste e.g.- Fabric cut piece, cardboard	Non-hazardous Non-process waste e.g.- Office waste - paper
Hazardous waste	Hazardous Process waste e.g.- Rejected / unused dyes & chemicals	Hazardous Non-process waste e.g.- Medical waste, Chemical drum, tube lights, batteries