

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, তেজস্ক্রিয়া, 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

WASTE INVENTORY SHEET (Process Waste)

Version 1

Name of Company/Production Unit: Smug Sweater Ltd

Updated on:	Date:14.03.2017
Responsible Person	Name: Md. Samsul Arefen Khan
	Designation: Admin & compliance

S.I.No	WASTE NAME	SOURCE OF WASTE	WASTE CLASSIFICATION (Non-Hazardous/Hazardous)	WASTE QUANTITY	UNIT	WASTE HANDLING REQUIREMENT			WASTE STORAGE REQUIREMENT	LOCATION OF STORAGE	WASTE DISPOSAL ROUTE	APPLICABLE LEGAL PERMIT/REQUIREMENT (IF ANY)	ON-SITE TREATMENT METHOD (IF ANY)	QUANTITY OF RECYCLED WASTE (IF ANY)	APPROVED WASTE CONTRACTOR (Name, Company name, Registration no)	DATE OF LAST WASTE HANDOVER	CHALLAN NO	EMERGENCY CONTACT PERSON(NAME, DESIGNATION & CONTACT NO.)	CHECKED BY(NAME & DESIGNATION)	CHECKED ON(DATE - FORMAT DD/MM/YYYY)	REMARKS
						Labeling	Identification	PPE													
1	Knitting Wastage	Production floor	Non-hazardous	9600	Kg	Yes	Yes	Yes	No	Wastage godown, 6th floor	Handover to retailer	No	N/A	N/A	M/S. Iht Jams & Associates. Md. Sultan Ahmed Sarker, Cell: 0271500000	31-12-16	NA	MR. Arefen, Admin, 01630425000	MR. Arefen (ADMIN& Comp)	31-12-16	
2	Cartoon	Production floor	Non-hazardous	1900	Kg	Yes	Yes	Yes	No	Wastage godown, 6th floor	Handover to retailer	No	N/A	N/A							
3	PLASTIC BOBIN	Production floor	Non-hazardous	2450	Kg	Yes	Yes	Yes	No	Wastage godown, 6th floor	Handover to retailer	No	N/A	N/A							
4	POLYTHENE	Production floor	Non-hazardous	2000	Kg	Yes	Yes	Yes	No	Wastage godown, 6th floor	Handover to retailer	No	N/A	N/A							
5	PAPER	Production floor	Non-hazardous	1030	Kg	Yes	Yes	Yes	No	Wastage godown, 6th floor	Handover to retailer	No	N/A	N/A							
6	DUST	Production floor	Non-hazardous	880	Kg	Yes	Yes	Yes	No	Wastage godown, 6th floor	Handover to retailer	No	N/A	N/A							
7	OTHERS	Production floor	Non-hazardous	570	Kg	Yes	Yes	Yes	No	Wastage godown, 6th floor	Handover to retailer	No	N/A	N/A							
	Total			18,430	Kg																

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						Labeling	Identification	PPE													
1	Fuge Light	Production floor	Hazardous	20	Kg	Yes	Yes	Yes	Store separately	Outside the Factory	Handover to retailer	NA	N/A	N/A	MS. Md. Samsul Arefen & Associates, Md. Sultan Ahmed Registration no. 18123	31-12-16	NA	MR. Arefen, Admin, 01630425000	MR. Arefen (Admin & Comp)	31-12-16	
2	MOBIL	Production floor	Hazardous	95	Kg	Yes	Yes	Yes	Store separately	Outside the Factory	Handover to retailer										
3	GLASS	Production floor	Hazardous		Kg	Yes	Yes	Yes	Store separately	Outside the Factory	Handover to retailer										
4	Others, Metal	Production floor	Hazardous	933	Kg	Yes	Yes	Yes	Store separately	Outside the Factory	Handover to retailer										
	Total			1048	Kg																