

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 নিঃস্ব ভৌত বা রাসায়নিক গুণগত কারণে অথবা অন্য কোন বর্জ্য বা পদার্থের সংস্পর্শে আসার কারণে বিষক্রিয়া, জীবানু সংক্রমন, 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

WASTE INVENTORY SHEET (Process Waste)

Version 1

Name of Company/Production Unit: Aswad Composite Mills Ltd. -02

Updated on:	Date: 02.01.2017
Responsible Person	Name: Md. Rozdul Hoque
	Designation: Manager-Admin & HR

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)	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	Electronics & Elect. Waste	Production floor	Hazardous	113	Kg	Yes	Yes	Yes	Store separately	Store room	Other (please specify in remarks column)	ECA-1995, Amd-2010	N/A	N/A	Palmal Head office	22/12/2016	6073.6078.6083	Mr. kamrul Hasan, Electrical Supervisor,	MR. Khairul Alam, Executive-Admin & Compliance	31/12/2016	For centrally warehouse.
2	Medical Waste	Medical Room	Hazardous	0.26	Kg	Yes	Yes	Yes	By three Separate Covered Box	Medical Room	Other (please specify in remarks column)	Medical waste Management & Disposal Rules 2008	N/A	N/A	Mr. Rafiqul Islam - COO, CWCH, License no: 3337	19/12/16	5755-----5766	Ms. Parul Akter, Paramedics, 0170397796	MR. Khairul Alam, Executive-Admin & Compliance	31/12/2016	Private Hospital by Agreement
3	Paper	Store & office	Non Hazardous	2503	Kg	No	Yes	Yes	Store separately	waste Room	Handover to waste contractor	N/A	N/A	N/A	Mr. Fazlul Haque, M/S. Pavel Enterprize, Trade License	12-11-16	5572	Md. Harez Uddin, Manager-Admin & HR, Cell- 01730010481	MR. Khairul Alam, Executive-Admin & Compliance	### ### ### ##	
4	Lub Oil	Maintenance Room	Hazardous	129	Ltr	Yes	Yes	Yes	Store separately	Maintenance Room	Other (please specify in remarks column)	N/A	N/A	N/A	Send back to supplier	28/12/2016	6832	Mr. kamrul Hasan, Electrical Supervisor, 01761519635	MR. Khairul Alam, Executive-Admin & Compliance	31/12/2016	Send back to supplier
5	Metals	Watage Room	Hazardous	41	Kg	Yes	Yes	Yes	Store separately	Maintenance Room	Other (please specify in remarks column)	N/A	N/A	N/A	Send back to supplier	22/11/2016	6074.6081	Mr. Hares Uddin, Dy. Manager-Admin & HR	MR. Khairul Alam, Executive-Admin & Compliance	31.12.2016	Send back to supplier
6	Glass	Watage Room	Hazardous	79	Kg	Yes	Yes	Yes	Store separately	Maintenance Room	Other (please specify in remarks column)	ECA-1995, Amd-2010	N/A	N/A	Mr. Fazlul Haque, M/S. Pavel Enterprize	21/11/2016	6082	Mr. Hares Uddin, Dy. Manager-Admin & HR	MR. Khairul Alam, Executive-Admin & Compliance	31/12/2015	
7	Batary	Maintenance Room	Hazardous	60	Kg	Yes	Yes	Yes	Store separately	Maintenance Room	Other (please specify in remarks column)	Lead Acid Battery Recycling & Management	N/A	N/A	Send back to supplier	28/12/2016	6085	Mr. kamrul Hasan, Electrical Supervisor,	MR. Khairul Alam, Executive-Admin & Compliance	31/12/2016	Send back to supplier

WASTE INVENTORY SHEET (Process Waste)

Version 1

Name of Company/Production Unit: Aswad Composite Mills Ltd-02

Updated on:	02.01.2017
Responsible Person	Name: Md. Rozdul Hoque
	Designation: Manager-Admin & HR

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)	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	Wastes of Fabrics(Jhoot,Dust)	Production floor	Non-hazardous	426683	Kg	Yes	Yes	Yes	Yes	Waste Room	Handover to waste contractor	ECA-95 & ECR-97	N/A	N/A	Mr. Fazlul Haque, M/S. Pavel Enterprise, Trade Licence: 153/2016	25/12/2016	5,577	Mr. Hares Uddin , Dy. Manager-Admin & HR, 01730010481	MR. Khairul Alam, Executive-Admin & Compliance	31/12/2016		
2	Paper	Production floor	Non-hazardous	47049	Kg	Yes	Yes	Yes	yes	Waste Room	Handover to waste contractor	ECA-95 & ECR-97	N/A	N/A	Mr. Fazlul Haque, M/S. Pavel Enterprise, Trade Licence:	12-11-16	5572	Mr. Hares Uddin , Dy. Manager-Admin & HR, 01730010481	MR. Khairul Alam, Executive-Admin & Compliance	31/12/2016		
3	Plastic	Production floor	Non-hazardous	11527.16	Kg	Yes	Yes	Yes	yes	Waste Room	Handover to waste contractor	ECA-95 & ECR-97	N/A	N/A	Mr. Fazlul Haque, M/S. Pavel Enterprise, Trade Licence:	28/12/2016	5714	Mr. Hares Uddin , Dy. Manager-Admin & HR, 01730010481	MR. Khairul Alam, Executive-Admin & Compliance	31/12/2016		