

HAZARDOUS WASTE MANAGEMENT:

All business partners involved in handling/generating/disposing/recycling/re-using Hazardous Wastes classified under Schedule-1 of Hazardous Waste Rules, 2016 must follow the below mentioned procedures for Hazardous Waste Management.

- Obtain authorization from concerned pollution control board applicable for occupiers/ generators/ recyclers/re-processors/re-users/users for handling/ generating/ disposing/ recycling/ re-using of Hazardous Wastes.
- Ensure proper handling/storage/recycling/re-using/disposing etc. procedures as prescribed by Competent Authorities.
- Comply with all the regulations prescribed under the Hazardous Waste Rules, 2016 including mandatory disposal period of 90 days.
- Abide by directions of the HSE department as interpreted from Group guidelines, technical standards, policies etc.

WASTE SEGREGATION:

This segregation plan has been made & enforced across all of ESL. Similar segregation has to be ensured by Business Partners for the wastes mentioned additionally to other guidelines mentioned in this document.

S.no	Type of Waste	Category	Wastes Included	Storage Requirement	Remarks
1.	Soaked Cotton*	Hazardous Waste (Cat-33.2 Schedule-1)	<ul style="list-style-type: none"> • Soaked Cotton • Soaked Jute • Used Ganji Waste • Soaked Gloves • Any other material used in handling of Hazardous Waste • Materials soaked in Used Oil/grease 	Red Colored Storage Bin (MS) marked with the label “Soaked Cotton/Jute” & in vernacular language.	Collected Waste to be shifted to intermediate storage every week
2.	Metallic Waste*	Metal bearing Waste	<ul style="list-style-type: none"> • Metallic Parts • Nuts/Bolts • Small Plates • Pieces • Coils 	Yellow Colored Storage Bin (MS) marked with the label “Metallic Waste” & in vernacular language	Collected Waste to be transferred depending on frequency of filling
3.	Plastic Waste*	Polyethylene terephthalate, HDPE, Vinyl, LDPE, polypropylene, polystyrene	<ul style="list-style-type: none"> • Packaging Plastics • Binding synthetic fibers • Any other waste having the characteristics of the mentioned category 	Blue Colored Storage Bin (MS) marked with the label “Plastic Waste” & in vernacular language	E-Waste including wires, cables, tube-lights, chalks etc. not to be stored here

4.	Wet Waste**	Domestic Waste (Generated from canteens, eateries etc.)	<ul style="list-style-type: none"> • Food waste • Peelings • Edibles • Grain based products • Other organic wastes 	Green Colored Storage Bin (HDPE) marked with the label “ Wet Waste ” & in vernacular language	To be stored near canteens, rest-rooms & all places where food/drinks are being consumed
5.	Dry Waste**		<ul style="list-style-type: none"> • Wrappers • Tetra-packs • Plastic Cups • Styrofoam Cups 	Green Colored Storage Bin (HDPE) marked with the label “ Dry Waste ” & in vernacular language	

E-WASTE MANAGEMENT:

All business partners involved in handling electrical/electronic items are bound to generate E- waste. This waste is classified under Schedule-1 of E-Waste (Management) Rules, 2016. All business partners must follow the below mentioned procedures for E-Waste Management:

- Follow all procedures & responsibilities mentioned for manufacturer, producer, consumer, bulk consumer, collection centers, dealers, e-retailer, re-furbisher , dismantler & recycler involved in manufacture, sale, transfer ,purchase ,collection , storage & processing of E-Waste or electrical/electronic equipment.
- All responsibilities mentioned under Chapter-2 of E-Waste (Management) Rules, 2016 must be followed whichever is applicable to the business partner (as justified by the HSE department).
- Must poses valid authorization given by the concerned PCB for Producers (Extended Producer Responsibility), Manufacturer, dismantler/recycler & re-furbisher whichever is applicable.
- In cases when the Business Partner is a bulk consumer the mandatory timeline of 180 days mentioned in the E-Waste (Management) Rules, 2016 must be followed at all times & manifest should be maintained for E-Waste sale/disposal & produced when audited by the HSE department.
- The storage requirements for E-waste as prescribed by Competent Authority must be followed for waste storage.
- Abide by directions of the HSE department as interpreted from Group guidelines, technical standards, policies etc.

SOLID WASTE MANAGEMENT:

Any waste generated during O & M activities carried out by a Business Partner which does not fall under the Hazardous Waste Rules, 2016 or E-Waste Rules, 2016 or Battery Waste Rules or Bio-medical Waste Rules will be deemed as Solid Waste. The following procedures must be followed for management of solid wastes.

- Alternative measures that involve re-use, recycling, re-processing to obtain valued products etc. sustainable practices must be prospected before proceeding for final disposal.

- If no potential utilization method can be found out then the Business partner must proceed for engineered landfilling of the waste.
- Segregation of Solid Waste has to be done according to the guidelines mentioned before in this document.