

# **Electronic Waste Policy Awareness Workshop**

## **Implementation Guidelines for E-Waste Rules, 2016**

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# **The Implementation Guidelines**

- 1. Guidelines for implementing EPR**
- 2. Guidelines for Collection and Storage of E-Waste**
- 3. Guidelines for Collection Centre**
- 4. Guidelines for Transportation of E-Waste**
- 5. Guidelines for Environmentally Sound Dismantling of e-waste**
- 6. Guidelines for Environmentally Sound Recycling of e-waste**
- 7. Guidelines for Consumers and Bulk Consumers**

# **The Implementation Guidelines**

## **❖ Implementing Extended Producer Responsibility**

### **❖ Extended Producer Responsibility Plan (EPR- Plan)**

- ✓ Estimation of E-Waste Generation,**
- ✓ Estimation of target for collection**
- ✓ Details of Extended Producer Responsibility Plan,**
- ✓ Collection and Storage plan**
- ✓ Channelization Plan,**
- ✓ Collection Centres,**
- ✓ Dismantlers & Recyclers and**

# **Estimation of E-Waste Generation**

- **E-waste generated by producer for a specific EEE category code is to be estimated on the basis of quantity of EEE placed in the market in the previous years and taking into consideration the average life of the equipment**
- **The generation of e-waste from end of life products:  
E-waste generation (weight) in the financial year 'x – y' = Sales in the financial year '(x-z) - (y-z)'**  
**where, 'x – y' = financial year in which generation is estimated, and**  
**z= average life span of EEE**

## **Example of E-waste generation calculation**

**For example**

**For financial year 2017 -18**

**x - y = 2017 -2018 (April 2017 to March 2018)**

**If EEE, for which generation is to be estimated is ITEW 7  
that is Copying equipment then z= 8 years**

- **The estimated generation of end of life ITEW 7 in the FY 2017-18  
= Sales in the year (2017-8) – (2018-8) in terms of weight  
= Sales in the financial year 2009-2010 in terms of weight**
- **Therefore, generation of end of life of copying equipment in the FY  
2017-2018 = Sales in the financial year 2011 – 2012 in terms of  
weight**

# Details of Extended Producer Responsibility Plan

## ❖ General Scheme of Collection

- ✓ Brief write-up on a scheme for pan India collection of E-Waste. This write up shall specify methods envisaged for collection of E- waste from various end users.
- ✓ Scheme may include collection centres/ reverse logistic service provider/ Courier Service/ PROs/etc.
- ✓ Name, address and contact numbers of all the collection centres/ reverse logistic service provider/ Courier Service/etc./Details of PRO/Details of dismantler/recycler etc
- ✓ Details of Toll free numbers for consumers to help them in sending their E-Waste.
- ✓ Details of buy-back / Exchange / DRS / Any Other collection schemes [Optional]

## ❖ Channelization of E- Waste and flow-chart of Channelisation

- ✓ movement of E- waste from collection onwards to the premises of authorized dismantler or recycler.
- ✓ In case of used florescent lamps, movement from collection centre to TSDF.
- ✓ Schematic flow chart showing movement of E- Wastes at various points starting from collection onwards till it reaches authorized dismantler or recycler

## ❖ Web-site information

- ✓ Details of content related to collection mechanisms of E- Waste such as details of all collection schemes
- ✓ Toll-free number
- ✓ Website link has to be on home page at a prominent place on the producer's website.

# Implementation Guidelines

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- ❖ **Collection and Storage of E-Waste**
- ❖ **Collection Centre**
  - ✓ **Facilities at Collection Centres**
- ❖ **Transportation of E-Waste**
- ❖ **Environmentally Sound Dismantling of E-Waste**
  - ✓ **Dismantler**
  - ✓ **Dismantling Process**
  - ✓ **Space requirement for Dismantlers**
- ❖ **Environmentally Sound Recycling of E-Waste**
  - ✓ **Recycler**
  - ✓ **Recycling Process**
  - ✓ **Space requirement for Recyclers**
- ❖ **Refurbisher**
- ❖ **Consumer and Bulk Consumer**

**THANKS**