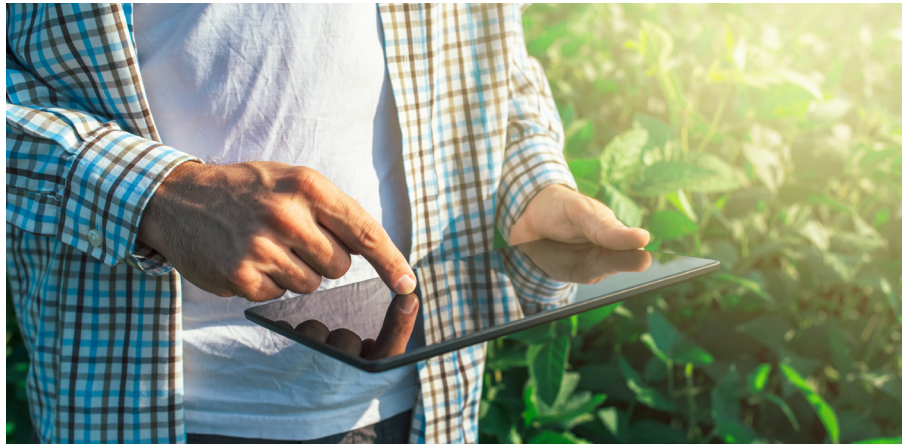


# E-WASTE MANAGEMENT IN INDIA

**Intertek offers comprehensive consulting and compliance services for the recently enacted E-Waste (Management) Rule.**



## Background

India's E-Waste (Management) Rules were first notified in 2016, amended in May 2022, and enforced as of 01 April 2023. The Rules mandate that all producers of electrical and electronic equipment (EEE) and EEE components ensure that these products do not contain lead, mercury, and other hazardous substances beyond the maximum prescribed concentration.

These rules will launch a new Extended Producer Responsibility (EPR) regime for e-waste recycling in India.

## Silent Features of the E-Waste (Management) Rules

**The E-Waste (Management) Rules are applicable to every manufacturer, producer, refurbisher, dismantler, and recycler in India. Under the Rules:**

- All manufacturers, producers, refurbishers, and recyclers must register on the portal developed by the Central Pollution Control Board (CPCB).
- No entity shall carry out any business without registration or deal with any unregistered entity.
- "Authorization" has now been replaced by "Registration" through an online portal, and only manufacturers, producers, refurbishers, and recyclers must register.
- Schedule I has been expanded, and 106 EEE are now included under the EPR regime.
- Producers of notified EEE have been given annual e-waste recycling targets based on the previous manufacture or sale of EEE, as the case may be. The recycling targets may be made stable for 2 years, and begin at 60% for the years 2023-2024 and 2024-2025; 70% for the years 2025-2026 and 2026-2027; and 80% for the years 2027-2028 and 2028-2029 and onwards.

- Rules have been added for the management of solar photovoltaic (PV) modules/panels/cells.
- Recycle quantities will be calculated on the basis of end products to avoid any false claims.
- Several provisions have been introduced:
  - A provision for generating and transacting Extended Producer's Responsibility (EPR) certificates.
  - Provisions for environment compensation, and verification and audit.
  - A provision for establishing a Steering Committee to oversee the overall implementation of the E-Waste Management Rules.

## Goals of the E-Waste (Management) Rules

The major objective of the Rules is to reduce, reuse, and recycle. Some e-waste contains valuable covering or materials that can be reused or recycled, and some contains hazardous chemicals that should be disposed of carefully without harm to the environment. The Rules provide for recognition and registration, skill development, monitoring, and ensuring the safety and health of workers involved in dismantling and recycling e-waste.

## Scope and Applicability

Restrictions on the use of hazardous substances: The Rules enact specific requirements for hazardous materials used in the manufacture of EEE, including limits on the quantities of these materials in EEE components.

Extended Producer Responsibility (EPR) certificate: A producer with an EPR certificate is responsible for environmental sound management of their product until the end of the product's life. The EPR certificate is applicable to every manufacturer, producer,

consumer, bulk consumer, collection centre, dealer, e-retailer, refurbisher, dismantler, and recycler in India.

## Under the EPR regime:

- Producers have to obtain EPR authorization from the CPCB and provide details about their dismantlers/recyclers.
- Twenty-one (21) notified EEE are listed in Schedule I of the Rules, and producers of notified EEE have been given annual e-waste collection targets based on the previous manufacture or sale of the EEE, as the case may be.

## How can Intertek help?

Intertek offers the following services in relation to e-waste management in India:

1. Consultations regarding the recently enacted E-Waste (Management) Rule;
2. Testing services as per India's Restriction of Hazardous Substances (RoHS) requirements;
3. Identification of appropriate e-waste recyclers for clients;
4. Registration on the CPCB portal for EPR registration and authorization (through a local recycler);
5. Development of all requirements, including data sheets, to initiate the registration process; and
6. Regulatory stewardship, including assistance addressing and responding to queries (if any) from authorities.

## FOR MORE INFORMATION

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