



"Shri Gajanan Maharaj Prasanna"

**P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati**

Institute Code : 1107

(Recognized by AICTE, New Delhi, Approved by Govt. of Maharashtra & Affiliated to SGBAU, Amravati)



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E- WASTE MANAGEMENT POLICY

1] Overview

E-Waste (Management & Handling) Rules, 2011 were notified in 2011 and had come into effect since 1st May, 2012. We, P. R. Pote (Patil) College of Engineering and Management (PRPCEM), Amravati was one of the End user / Producers who has Responsibly implemented E-Waste Rules and very responsibly trying to manage all aspects as per the set rules. We also kept on making regular upgrades to comply all perspective of environmental conservation through local / partner association for handling and management of electronic and electrical waste, in no ways ending at landfill.

Now, as per the new guidelines, MoEF& CC, Government of India in supersession of E-Waste (Management and Handling) Rules, 2011 has notified the E-Waste(Management) Rules, 2016 vide G.S.R. 338(E) dated 23.03.2016 which has now been effective from 1st October'2016. These rules are applicable to every producer, consumer or bulk consumer, collection centre, dismantler and recycler of e-waste involved in the manufacture, sale, purchase and processing of electrical and electronic equipment or components specified in Schedule – I of the Rules.

Two categories of electrical and electronic equipment namely (i) IT and Telecommunication Equipment such as Network switch, OFC, Routers, Lan cables, Computer peripherals, printer cartridges, and (ii.) Consumer Electricals and Electronics such as TVs, Refrigerators, Air Conditioners, LED Lamps, PCBs, Electronics components, wires and cables, including fluorescent and other mercury containing lamps are covered under these Rules. The main feature, of these rules, is Extended Producer Responsibility (EPR). Target based approach for implementation of EPR has been adopted in the E-Waste (Management) Rules, 2016, which stipulate phase wise collection target to producers for the collection of e-waste, either in number or weight for respective category, which shall be 30% of the estimated quantity of waste generation during first two year of implementation of rules followed by 40% during third and fourth years, 50% during fifth and sixth years and 70% during seventh year onwards.

But with sheer pro-activeness and continued guidance from the management, we at PRPCEM, within no-time, have updated our systems and processes as per the new mandate of E-Waste (Management) Rules, 2016, which includes specific guidelines for extended producer responsibility, channelization, collection, storage, transportation, environmentally sound dismantling and recycling, refurbishment and final disposal with the help of external agency.

2] Waste Collection

PRPCEM has developed an internal standard procedure of collection and proper recycling of e-waste abiding all aspects of the new rules. Now, for collection we have made an Internal Training Module to have create/spread awareness across all department and staff members.

We also have collectively developed collection mechanism along with external Agency. They are offering us for end-to-end recycling of all collected and handed-over electronic and electric waste (e-waste). Any of our electronics waste generated is collected in respective department and after combining sent to E-Waste management facility.

3] Collection Points

PRPCEM has been committed to effective collection of all e-waste from all four departments. We have been assigning the recycler responsible for collecting the cumulative load within 190 days from it been deposited by the end user / producer.

4] Health Effects

When we throw out our electronics, they wind up in Landfill causing the possibility of toxic metal leaching into the groundwater. Toxic metals in e-waste leach into our supply of resources, threatening their integrity. When e-waste is openly heated which is a rudimentary process by the un-registered user or scrap dealers, toxic chemicals are released into the air, damaging the atmosphere and posing a serious threat to health and existing life.

E-Waste management is a critical consideration for future generations as proper e-waste recycling is becoming hard to find, with very less efficient recyclers in the business. E-Waste is not a problem going away soon. In fact with the alarming rise in the use of electronics and electrical products the volume is only going to rise. As per a study by

ASSOCAM, it is said to be growing at a rate of 33% cumulative every year. With all the produce and dump which happens in India, it is said to have a 500% increase in e-waste over the next decade.

It is crucial to know effects of e-waste on the environment, and make a collective effort to build awareness and systems to curb all its ill positioning for our existing and future generation.

5] E – Waste Management Do's and Dont's

Do's:

1. Please check for the life-cycle of your product on the Product Information Booklet.
2. Please speak on the mentioned Toll-Free Number for any query about your product.
3. Please hand-over e-waste only at the designated collection centre of the Brand.
4. Please make sure you earn incentive from the brand on handing-over e-waste the correct way.
5. Please accumulate all unused electronic and electrical items only to be handed-over to the Brand or Registered Recycler.
6. Please acknowledge buy-back and exchange program from the Brand.
7. Please drop your scrap electronic parts, handed-back to you after replacement with the new part, at the e-waste drop box in the service centre.
8. Please register that as an individual we all have Individual responsibility towards the conservation of our environment.

Dont's:

1. Please do not throw any electronics (including batteries) into garbage bin.
2. Please do not sell e-waste to scrap dealers or unauthorised agents for little/some cash.
3. Please do not dispose of e-waste in landfill or in pits as an ill-treasure for your next generation
4. Please do not open unused electronics without expert supervision, as it can be hazardous.
5. Please do not cut-open parts or components without brand representative's supervision

6] E-Waste Management Services Partners

VIDHARBHA ENVIRO PROTECTION LTD

Chw 01, Butibori, Nagpur - 441122, Near Realince Power Plant Mandva Village

Environment Pollution Control Services and Waste Disposal Services

Contact No: 9923596274, 9923596273

INSTA SOLUTIONS

GADDA HOTEL 2ND FLOOR RAJKAMAL CHOWK AMRAVATI - 444601

Contact No: 8793121314

SAINATH SERVICES

SETARAM BABA MARKET SHOP NO -112 RAJKAMAL SQUARE AMRAVATI -444601

Contact No: 7875629111

Details of E-Waste Generation

| Sr. | Description of E-Waste | Name of Source where Generated (Room, Lab etc) | Name of Department | Name of Concern Faculty or Person | Date of Deposition | Sign of Depositor |
|-----|------------------------|--|--------------------|-----------------------------------|--------------------|-------------------|
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Sign of concern Incharge (Depositor) -

Date of Deposition of E-Waste for disposal –

Sign of Receiver (EWM Facility provider)

Source Details where E-Waste may generate

| Sr. | Name of Source / Lab / Room etc | Name of Department | Name of Concern Person | Possible List of Items under E-Waste (Refer Schedule-I of EWM Rule) |
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Principal
P. R. Pote (Patil)
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