

E-waste Management

Introduction

Electronic waste, or e-waste, is a term for electronic products that have become unwanted, non-working, obsolete, and have essentially reached the end of their useful life.

As per E-waste Rule 2016, E-waste is defined as 'electrical and electronic equipment, whole or in part discarded as waste by the consumer or bulk consumer as well as rejects from manufacturing, refurbishment and repair processes.

E-waste contains many valuable, recoverable materials such as aluminum, copper, gold, silver, plastics, and ferrous metals. In order to conserve natural resources and the energy needed to produce new electronic equipment from virgin resources, electronic equipment can be refurbished, reused, and recycled instead of being land-filled.

E-waste also contains toxic and hazardous materials including mercury, lead, cadmium, beryllium, chromium, and chemical flame retardants, which have the potential to reach in to our soil and water.

Benefits of E-waste Recycling

- **Electronics Recycling Conserves Natural Resources:**

There are many materials that can be recovered from old electronics. These materials can be used to make new products, thus reducing the need to mine for new raw materials. For instance, various metals can be recovered from computer circuit boards and other electronics, and the plastics and glass found in computer monitors and televisions can be recycled.

- **Electronics Recycling Supports the Community:**

Donating your old electronics plays an important role in the provision of refurbished product such as computer and mobile phones, which can be of great help to low-income families, schools and not-for-profit organizations. It also helps individuals gain access to technology that they could not have otherwise afforded.

- **Electronics Recycling Creates Employment Locally:**

Considering that around 90 percent of electronic equipment is recyclable, electronics recycling can significantly create employment. This is because new firms dealing with electronics recycling will form and existing firms will look to employ more people to recover recyclable materials. This can be triggered by the increase in the demand for electronics recycling.

- **Electronics Recycling Helps Protect Public Health and the Environment**

Many electronics have toxic or hazardous materials such as mercury and lead, which can be harmful to the environment if disposed of in trash cans. Reusing and recycling electronics safely helps in keeping hazardous materials from harming humans or the environment. For example, televisions and computer monitors are hazardous since they have lead in them. Printed circuit boards contain harmful materials such as cadmium, lead, mercury, and chromium. Also, batteries in computers and other electronics may contain hazardous materials such as cadmium, mercury, and lead.

Instead of keeping old electronics in the house or dumping them in landfills, recycling or reusing them is an appropriate option that should be supported by individuals and organizations. Considering the benefits of electronics recycling, it is very important that people in various parts of the world embrace this concept.

- **Creates Jobs:** E-waste recycling creates new jobs for professional recyclers and creates a secondary market for recycled materials.

Recycling of E-waste

The Company has tied -up with the **M/s E-WASTE RECYCLERS INDIA** for the collection of all our E-waste on PAN India and disposes the same at their plant at **Shed-15 Roz, kaMeo, Industrial Area, Nuh, Haryana** and the waste sent to recycling partner for the further process of recycling **M/s E-WASTE RECYCLERS INDIA** The toll free number is 1800-102-5679 for collecting the e-waste and explain to them the process of disposal and make them aware of the nearest drop point available to drop the e-waste. They do send either their logistics team or the E-waste Solutions team to collect the items and channelize the same to our e-waste partner plant for final processing.

Do's&Don'ts

Do's:

- Always look for information in the catalogue with your product for end-of-life equipment handling.
- Ensure that only Authorized Recyclers/Dismantler handle your electronic products
- Always call our partners toll-free No's to dispose of products that have reached end-of-life
- Always drop your used electronic products, batteries, or any accessories when they reach the end of their life at your nearest Authorized E-Waste Collection Points.
- Always disconnect the battery from the product and ensure any glass surface is protected against breakage.

Don'ts:

- Do not dismantle your electronic Products on your own
- Do not throw electronics in bins having a "Do not Dispose" sign.
- Do not give e-waste to informal and unorganized sectors like Local Scrap Dealer/ Rag Pickers.
- Do not dispose of your product in garbage bins along with municipal waste that ultimately reaches landfill.

E-WEST RECYCLERS INDIA CENTRES

S. No.	City	State	Address 1	Address 2	Address 3	Logistics Partner Name	Branch Manager Name	Contact No	Branch Exists (Yes/NO)
1	New Delhi	New Delhi	Plot No. 619, Block A, Near Tata Telco Service Station,	Rangpuri, Mahipalpur	Delhi - 110037	Professional Logistics Pvt. Ltd	RAJKUMAR POONIA	9810053907	YES
2	Lucknow	Uttar Pradesh	S 317, Transport Nagar, Near RTO Office	Lucknow	UP- 226012	Professional Logistics Pvt. Ltd	MR.KRISHAN KUMAR	9335166155/ 9305166155	YES
3	Mumbai	Maharashtra	Plot No. 92, Gali No. – 01, Sector 19C	Vashi	Navi Mumbai – 400705	Professional Logistics Pvt. Ltd	BALWAN SINGH	9372166155/ 9371644600	YES
4	Pune	Maharashtra	Plot No 24, Sector 4, Shikshak Colony	Near Spine City, Moshi Pradhikaran	Maharashtra- 412105	Professional Logistics Pvt. Ltd	VED PRAKASH	9370939911	YES
5	Chennai	Tamil Nadu	3/27 Sakthi Garden Phase II, Senneerkuppam,	Poonamallee, Near Bisleri Water Plant	Tamil Nadu-600056	Professional Logistics Pvt. Ltd	MR.FIROJ KHAN	9363166155/ 9362005006	YES
6	Gurugram	Haryana	Shop No.16, 2nd Floor, 40 Feet Road,	Phase 2, Opp Rions Hospital, New Palam, Vihar,	Haryana 122017	Professional Logistics Pvt. Ltd	MR.RAJESH	9711563229	YES
7	Hyderabad	Telangana	Plot No.-111,JK Nagar Quthbullapur Rangaraddy Near Bharat Patrol Pump	Near Bharat Patrol Pump	Hyderabad-500055	Professional Logistics Pvt. Ltd	MR.Vinod	9395166155/ 9396166155	YES
8	Bangalore	Karnataka	No.43 1st floor 2nd Main D.D.U.T.T.L.	Yeshwantpur	Karnataka -560022	Professional Logistics Pvt. Ltd	MR.RATAN LAL	9886250346	YES
9	Guwahati	Assam	HN-34, Kundil Nagar Basistha Chariali,	Near Parbhat Apartment	Guwahati-781029	Professional Logistics Pvt. Ltd	MR.SISHRAM	9864048000	YES
10	Ahmedabad	Gujarat	No-23 Shivalik Residency Bh.Kadmavala Textile	Behind Mony Hotel, Isanpur	Gujarat - 382405	Professional Logistics Pvt. Ltd	Mr.Ombir Poonia	9312377782	YES
11	Patna	Bihar	Dr. A K Pandey (IPS) Malyanil,	Buddha Colony	Bihar-800001	Professional Logistics Pvt. Ltd	MR.B.N DASS	9934263618	YES
12	Kolkata	West Bengal	104 B T ROAD , SHED NO - 15/3, R I C I E , BLOCK -2	Near by locknath mandir BONHOOGHLY KOLKATA 700108	WB – 700108	Professional Logistics Pvt. Ltd	MR.VIKASH KUMAR	9674030500	YES
13	Chandigarh	Punjab	Shop No: -15 & 16, Pabhat Road,	Opp – Tennis Academy, Zirakpur,	Punjab-140603	Professional Logistics Pvt. Ltd	MR.Rajesh	9316166155	YES
14	Jaipur	Rajasthan	81, 200 ft. By Pass,	Near Ajmer, Road, Heerapura,	Rajasthan - 302021	Professional Logistics Pvt. Ltd	MR.YOGESH SAHARAN	9309413301	YES
15	J&K	JAMMU	SOAP NO 1 FIST FLOOR NEAR SBI BANK BARIBRAMNA JAMMU 181133	Jammu& Kashmir	jammu-181133	Professional Logistics Pvt. Ltd	MR.DHARAMPAL	9599917352	YES

16	Cochin	Kerla	H.O -Building No-11/286A Kallarackal House Palliamkara H.M.T Colony P.O	Near HMT Post Office Ernakulam	Cochin, Kerala -683504	Professional Logistics Pvt. Ltd	Mr.Ramesh	8891991199	YES
17	Bhopal	Madhya Pradesh	C-317, ShriRameshwaram, Baghmugaliya, Bhopal 462043	Bhopal 462043	Bhopal 462043	Professional Logistics Pvt. Ltd	Mr.Kuldeep	93002 11877	YES
18	Bhubneswar	Orissa	Plot No. 117/1388, Near N.H Side,	Pandara, Dist - Khurda, Bhubaneswar, Orrisa - 751006	Bhubneswar-751006	Professional Logistics Pvt. Ltd	Mr.Nagesh Kumar	9831919193	YES
19	Dehradun	Uttrakhand	Prem Nagar IMA	Dehradun Uttrakhand	Dehradun	Professional Logistics Pvt. Ltd	Mr.Sandeep	97602985500	YES
20	Ranchi	Jharkhand	Radha Complex Khel Gaon More	Deepa Toli Ranchi	Ranchi	Professional Logistics Pvt. Ltd	Mr.Ramesh	9334793207	YES
21	Himachal	Himachal	Darnu, K.B Dharamshala dist Kangra	Himachal	Himachal-176215	Professional Logistics Pvt. Ltd	Mr.Ajay	8091126007	YES
22	Goa	Goa	Shop No.40, Iind Floor Ponda Commerce Center	Near IDBI Bank Tisk Ponda Goa	Goa-403401	Professional Logistics Pvt. Ltd	Mr.Mangi Ram	9822115763	YES
23	Visakhapatnam	Andhra Pradesh	Godown No-12-18/3 Near Mary Palam Bus Stop	Lankelapalem Visakhapatnam	Visakhapatnam-531021	Professional Logistics Pvt. Ltd	Mr.Jogti Ram	9391833223	YES
24	Arunachal Pradesh	Itanagar	Mithun Gate Near Town Baptist	Church Nyokum Lapang Itanagar	Itanagar-791111	Professional Logistics Pvt. Ltd	Mr.Atul Hussain	8794478851	YES
25	Raipur	Chhattisgarh	MIG 245 Kabir Nagar Near Commercial Complex	Raipur Chhattisgarh	Chhattisgarh-492099	Professional Logistics Pvt. Ltd	Mr.Sabdeep	9300403425	YES