

E-waste Management

Introduction

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

As per E-waste Rule 2016, the E waste 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 aluminium, 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 leach into 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 products such as computers 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 play a significant role in creating 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 trashcans. Reusing and recycling electronics safely helps in keeping the 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 around the world embrace this concept.

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

Collection Mechanism of e-waste

The company had planned to adopt the Buy-back Scheme:

- Under Buy back Scheme, in cases where the customer wants to discard their old product, they may call at the Toll-Free number (**1800-1023-843**) and our representatives shall approach to the customer and buy the said discarded product from the customer and in consideration.
- The Customer shall also be free to deposit the discarded product at the nearest collection point and he will get the discount voucher and shall be eligible for the discount on purchase of selected new product of the Company. The company will coordinate with other independent vendors who may sell the e-waste/EOL product collected by them.
- The Company will furthermore elaborate its scheme and shall keep updating the same based on the experience faced while implementing the said schemes on a quarterly basis.

Direct Collection from Customer's premises

- For collection of e-waste The Company has setup toll free number where any customer may call and register itself for either depositing its old product as free of cost or otherwise under buy-back programme initiated by company. The company shall give its toll free number on their product manuals, website, and social networking platforms and at its various connected premises for its customer information for disposal of their e-waste. The customer can directly call on these numbers and the e-waste will be directly collected by the company or by its recycler partner. The company has recycler partner who manages logistic service through **PROFESSIONAL LOGISTICS PVT LTD** available at most of the locations at its collection centres.

Recycling of E-waste

- The Company has tied -up with the **M/s OZONE WASTE LLP** for collection of all our E-waste on PAN India and disposes the same at their plant at **C-25, UPSIDC, M.G. Road, Industrial Area Hapur, Hapur, Uttar Pradesh, 245101** and the waste sent to recycling partner for the further process of recycling **M/s Hayat E-Recycler PVT LTD** which is the recycler and tie with Ozone Waste LLP for further processing having its recycling unit at **Plot No. F-53-54, M.G. Road Industrial Area Hapur, Hapur, 245104, Hapur, India**. Customer can reach or call on **1800-1023-843**. Our representatives explain them about process of disposal and make them aware about nearest drop point available to drop the e-waste also give information about incentive we will offer to them against their end of life product. If any customer wants to handover the material from their door steps, we do send either our logistics team or 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 on the catalogue with your product for end-of-life equipment handling.
- Ensure that only Authorized Recyclers/Dismantler handle your electronic products
- Always call at our toll-free No's to dispose 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 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 "Do not dispose "sign.
- Do not give e-waste to informal and unorganized sectors like Local Scrap Dealer/ Rag Pickers.
- Do not dispose your product in garbage bins along with municipal waste that ultimately reaches landfill.

Collection Centre

S.No	City	State	Address	Logistics Partner	Name & Contact Detail	Branch Exists (Yes/NO)	If Branch change, New Address of Branch
1.	New Delhi	New Delhi	Plot No. 619, Block A, Near Tata Telco Service Station, Rangpuri, Mahipalpur, Delhi - 110037	Professional Logistics Pvt. Ltd.	MR. RAJKUMAR POONIA 9810053907	YES	
2.	Noida	Uttar Pradesh	Bh-122, Sector 70 Noida UP - 201301	Professional Logistics Pvt. Ltd.	MR. ANUJ POONIA 9999166155	YES	Shop No-1 Village SarfabadOpp-Mother Dairy Booth No-833 Sector 73 Noida
3.	Lucknow	Uttar Pradesh	S 317, Transport Nagar, Near RTO Office Lucknow UP - 226012	Professional Logistics Pvt. Ltd.	MR. KRISHAN KUMAR 9335166155/ 9305166155	YES	
4.	Mumbai	Maharashtra	Plot No. 92, Gali No. 01, Sector 19C Vashi Navi Mumbai - 400705	Professional Logistics Pvt. Ltd.	MR. BALWAN SINGH 9372166155/ 9371644600	YES	
5.	Pune	Maharashtra	Plot No. 24, Sector 4, Shikshak Colony Near Spine City, Moshi Pradhikaran Maharashtra - 412105	Professional Logistics Pvt. Ltd.	MR. VED PRAKASH 9370939911	YES	
6.	Nagpur	Maharashtra	Shop 3 Kachore Complex Amravati Road, Waddhamna Maharashtra - 440023	Professional Logistics Pvt. Ltd.	MR. SANJAY SINGH 9860814787	YES	Plot No-91 Adarsh Nagar Katol By Pass Wadi Nagpur-23

7.	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	
8.	Gurugram	Haryana	J-171, New Palam Vihar Phase-1, Gurgaon Gurugram Haryana - 122017	Professional Logistics Pvt. Ltd.	MR. RAJESH 9711563229	YES	
9.	Hyderabad	Telangana	Shop No. 4, Block-3, 4 th Shatter at 179, MPR Estates Near Old Check Post, Secunderabad Telangana - 500011	Professional Logistics Pvt. Ltd.	MR. AJAY 9395166155/ 9396166155	YES	Plot No-111, JK Nagar QuthbullapurR angaraddy Near Bharat Patrol Pump Hyderabad - 500055
10.	Bangalore	Karnataka	No. 43 1 st floor 2 nd main D.D.U.T.T.L. Yeshwantpur Karnataka - 560022	Professional Logistics Pvt. Ltd.	MR. RATAN LAL 9886250346	YES	
11.	Mangalore	Karnataka	Opp. Hindustan Lever Ltd. Sultan Mangalore Karnataka- 575003	Professional Logistics Pvt. Ltd.	MR. VIKASH 9343166155	YES	
12.	Raipur	Chattisgarh	Mig 7 Ring Road No-2 Kabir Nagar Raipur Chattisgarh	Professional Logistics Pvt. Ltd.	MR. BIJENDER SINGH 9303906097	YES	S.No-3 Raja Complex Ring Road No-2 Hirapur Raipur
13.	Guwahati	Assam	HN-34, Kundil Nagar BasisthaChariali Near Parbhat Apartment Guwahati - 781029	Professional Logistics Pvt. Ltd.	MR. SISHRAM 9864048000	YES	
14.	Indore	Madhya Pradesh	284 AS-3 Scheme No-78, Vijay Nagar MP	Professional Logistics Pvt. Ltd.	MR. YOGESH 9302734152	YES	32, T.T Nagar Behind Kataria Complex Ring Road Dewas Naka Indore- 452010
15.	Ahmedabad	Gujrat	Shop No D-9, PushpTenament Behind Mony Hotel, Isanpur Gujrat - 382443	Professional Logistics Pvt. Ltd.	MR. SANDEEP 9375688099	YES	

16.	Patna	Bihar	Dr AK Pandey (IPS) Malyanil Buddha Colony Bihar - 800001	Professional Logistics Pvt. Ltd.	MR. B.N DASS 9934263618	YES	
17.	Vishakhapatnam	Andhra Pradesh	Shop No. 5, New GajuwakaOpp. High SchoolRoad Andhra Pradesh - 530026	Professional Logistics Pvt. Ltd.	MR. JUGTI 9553088577	YES	
18.	Kolkata	West Bengal	156 A/73, Northern Park, B.T. Road Dunlop WB - 700108	Professional Logistics Pvt. Ltd.	MR. VINOD KUMAR 9331522536	YES	
19.	Jamshedpur	Jharkhand	Near Howrah Bridge New Kalimati Road Sakchi New Kalimati Road Sakchi Jharkhand - 831001	Professional Logistics Pvt. Ltd.	MR. NIRAJ 9304002777	YES	
20.	Bhubaneshwar	Orissa	1 st Floor Delta House Rajendra Nagar Madhupatna Cuttack Orissa	Professional Logistics Pvt. Ltd.	MR. NIHAR MAHAPATRA 9337902236	YES	2946/7055 Saptasati Bihar Near Isa Diagnostic PalasuniPandra Bhubaneshwar-751010
21.	Chandigarh	Punjab	Shop No. – 15 & 16, Prabhat RoadOpp – Tennis Academy, ZirakpurPunjab - 140603	Professional Logistics Pvt. Ltd.	MR. SANJEEV 9316166155	YES	Booth No-42 New Defence Colony Zirakpur Mohali Punjab-140603
22.	Jaipur	Rajasthan	81, 200 ft. By Pass Near Ajmer Road, Heerapura Rajasthan - 302021	Professional Logistics Pvt. Ltd.	MR. YOGESH SAHARAN 9309413301	YES	
23.	Jammu	J&K	SidcoChouk Bari Brahmana Jammu -181133 Jammu&Kashmir 181133	Professional Logistics Pvt. Ltd.	MR. DHARAMPAL 9622565431	YES	
24.	Cochin	Kerala	Door No-84D SPW Road, Vrindavan Ln, Choornikkara, Kochi, Kerala – 683106Cochin Kochi, Kerala - 683106	Professional Logistics Pvt. Ltd.	MR. MANISH 9037991199	YES	