

## **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 adopted 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 (1800123881144) 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 sale 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 has manage 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 ABAAD DEVELOPERS PVT LTD for collection of all our E-waste on PAN India and disposes the same at their plant at G1-747, RIICO Industrial Area, Chopanki, Bhiwadi, Alwar, and Rajasthan – 301019. Customer can reach or call on Toll Free No 1800123881144. 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 landfills.

**Collection Centre List**

S. No	Logistic Provider	State	City	Address	Contact Person Name	Contact Number	Toll Free Number
1.	Professional Logistics Private Limited	Maharashtra	Mumbai	Plot No-92, Ground Floor, Gala Shop No-1 Behind Ampc Police Station, Vashi Navy Mumbai - 400703	Mr. Balwan Singh	9371644600	1800-123-881144
2.	Professional Logistics Private Limited	Maharashtra	Pune	Plot No-24,Sec No-4,Shikshak Colony, Near Spine City, Moshi Pradhikaran, Pune-412105	Mr. Ved Prakash	7304529911	1800-123-881144
3.	Professional Logistics Private Limited	Maharashtra	Nagpur	shop -3 kachore complex Amravati road waddhamna Nagpur - 440023	Mr. Suresh Kumar	9370667999	1800-123-881144
4.	Professional Logistics Private Limited	Karnataka	Bangalore	No – 43, 1 <sup>st</sup> floor, 2 <sup>nd</sup> main D.D.U.T.T.L yeshwantpur Bangalore - 560022	Mr. Ratan Lal	9343166155	1800-123-881144
5.	Professional Logistics Private Limited	Karnataka	Mangalore	Opp. Hindustan Lzever Ltd, Sultan Bhathery Road Bolor Mangalore-575003	Mr. Manish Kumar	9480400899	1800-123-881144
6.	Professional Logistics Private Limited	Hyderabad	Telengana	Plot No-111, Near Om sai Nilayam apartment quthbullapum, Road No-4, Jeedimetla Hyderabad-500055	Mr. Vinod	9396166155	1800-123-881144
7.	Professional Logistics Private Limited	Tamilnadu	Chennai	3/27, Shakti Garden Phase ii, Senneerkuppam poonamalle, Near Bisleri Water Plant Chennai - 600056	Mr. Dharampal	9363166155	1800-123-881144
8.	Professional Logistics Private Limited	Rajasthan	Jaipur	81, 200 ft by pass, Near Ajmer road, Heerapura Jaipur-302021	Mr. Yogesh	9309413301	1800-123-881144
9.	Professional Logistics Private Limited	Uttar Pradesh	Lucknow	S-317, Transport Nagar, Near RTO Office Lucknow	Mr. Krishan Kumar	9351166155	1800-123-881144
10.	Professional Logistics Private Limited	Uttar Pradesh	Ghaziabad	A-40, A-Block, Shastri Nagar, Ghaziabad Uttar Pradesh 201002	Mr. Sampat Kumar	9312377782	1800-123-881144
11.	Professional Logistics Private Limited	Assam	Guwahati	Hn-34, Kundli Nagar Basistha Chariali , Near Prabhat Appartment, Guwahati - 781029	Mr. Sisharam	986404800	1800-123-881144

12	Professional Logistics Private Limited	West Bengal	Kolkata	104 BT Road, Shed No-15/3, Rice, Block 2 Bear Loknath Mandir Bonhooghly Kolkata-7001815	Mr. Vikas Kumar	9331522536	1800-123-881144
13	Professional Logistics Private Limited	Delhi	Delhi	Plot No-619, Block A, Nera Tata Telco Service Station, Next to hero Honda Service Station, Rangpuri, New Delhi-37	Mr. Anuj Poonia	9999166155	1800-123-881144
14	Professional Logistics Private Limited	Bihar	Patna	Dr. A.K Pandey (IPS) Malyanil, Buddha Colony, Patna, Bihar-800001	Mr. Dass	993420000	1800-123-881144
15	Professional Logistics Private Limited	Gujarat	Ahmedabad	Shop No D-9, Pushp Penament, Behind Mony Hotel, Isanpur Ahmedabad	Sandeep Kumar	9376797600	1800-123-881144
16	Professional Logistics Private Limited	Kerala	Cochin	Building No. 11/286A Kallarackal House, Pillilam Kara, Thrikkakkara North Village, H.M.T. Colony, Ernakulam Kerala-683504	Mr. Ramesh	8891991199	1800-123-881144
17	Professional Logistics Private Limited	Jammu & Kashmir	Jammu & Kashmir	DPS International, SIDCO Chowk Jammu	Mr. Dharampal	9306385231	1800-123-881144
18	Professional Logistics Private Limited	Chhattisgarh	Raipur	Mig 7 Ring Road No-2 Kabir Nagar Raipur	Mr. Baljeet	9302774580	1800-123-881144
19	Professional Logistics Private Limited	Haryana	Gurgaon	Gurudwara Complex, Opp. Maruti Gate No.2, Old Palam, Gurgaon, India.	Mr. Manish Saini	9312377787	1800-123-881144
20	Professional Logistics Private Limited	Haryana	Faridabad	17/6, Mathura Rd, Sarpanch Colony, Sector 20A Faridabad, Haryana 121002	Mr. Sonu Kumar	9312377783	1800-123-881144
21	Professional Logistics Private Limited	Andhra Pradesh	Vishakapatnam	Shop No.5, New Gajuwaka, Opp. High School Road, Vishakapatnam, Andhra Pradesh - 530026,	Mr. Rajesh	9394082350	1800-123-881144
22	Professional Logistics Private Limited	Madhya Pradesh	Indore	284 AS-3 Scheme No.-78,vijay nagar Indore(MP)	Mr. Hardeep Singh	930761199	1800-123-881144
23	Professional Logistics	Punjab	Chandigarh	Shop no:-16 & 17, Pharbhat Road, Opp:-Tennis Academy,	Mr. Sanjeev Kumar	9316166155	1800-123-881144

	Private Limited			Zirakpur, Chandigarh, Punjab			
24	Professional Logistics Private Limited	Jharkhand	Jamshedpur	Near Howrah Bridge New Kalimati road Sakchi JAMSHEDPUR -831001	Mr. Neeraj Sharma	9331522536	1800-123-881144
25	Professional Logistics Private Limited	Orissa	Bhubaneswar	1st floor Delta house rajendra nager Madhupatna Cuttack , Bhubaneswar	Mr. Prida	9831919193,	1800-123-881144