

Toll free no. 1800 8890 491

AN EFFECTIVE WAY TO MANAGE YOUR E-WASTE WITH COMPANY

E-Waste Management and Handling Rules

The E-waste (Management) Rules, 2016 was issued by MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE, in the regards to the E-waste generated in India by the various producers of these wastes such as manufacturer, producer, consumer, bulk consumer, collection centers, dealers, e-retailer, refurbisher, dismantler and recycler involved in manufacture, sale, transfer, purchase, collection, storage and processing of e-waste or electrical and electronic equipment listed in Schedule I.

In these said rules, responsibility of any producer of electrical or electronic equipment, for channelization of e-waste to ensure environmentally sound management of such waste.

What is E-waste

E-waste is a popular, informal name for electronic products nearing the end of their "useful life", It is loosely applied to consumer and electronic & IT equipment that is near or at the end of its useful life.

Certain components of some electronic products contain materials that render them hazardous, depending on their condition and density.

E-waste in the world and India

Since 2010, the volume of e-waste generated globally has been steadily rising. By 2019, approximately 53.6 million metric tons was produced. This was an increase of 21 % with 44.4 million metric tons in just five years. Of this, just 17.4 percent was documented to be collected and properly recycled. This means that gold, silver, copper, platinum and other high-value, recoverable materials conservatively valued at US \$57 billion -- a sum greater than the Gross Domestic Product of most countries -- were mostly dumped or burned rather than being collected for treatment and reuse.

The new report also predicts global e-waste - discarded products with a battery or plug - will reach 74 Mt by 2030, almost a doubling of e-waste in just 16 years. This makes e-waste the world's fastest-growing domestic waste stream, fueled mainly by higher consumption rates of electric and electronic equipment, short life cycles, and few options for repair. According to the report, Asia generated the greatest volume of e-waste in 2019 -- some 24.9 Mt, followed by the Americas (13.1 Mt) and Europe (12 Mt), while Africa and Oceania generated 2.9 Mt and 0.7 Mt respectively. E-waste is a health and environmental hazard, containing toxic additives or hazardous substances such as mercury, which damages the human brain and / or coordination system.

India is the third largest e-waste generator in the world, capacity limited to treat only one-fourth of its waste. India's e-waste production has risen almost 2.5 times to 3.23 million metric tonnes in six years to 2019, according to the Global E-Waste Monitor Report 2020. India is also the only country in South-Asia to have a specific legal framework for handling e-waste since 2011. The E-waste (Management and Handling) Rules address not just the need to handle e-waste in an environmentally friendly way, but also its transportation, storage and recycling.

They have also introduced the concept of extended producer responsibility (EPR). In 2016, the rules were tweaked to introduce Producer Responsibility Organization (PRO) while bringing buy-back, deposit refund and exchange schemes under EPR. However, given the high cost of handling and procurement, low margins and underutilization of capacities, most formal sector or pollution control board-recognized e-waste handlers are grappling with basic problems.

What should you do with my electronic discards?

The mantra of "**Reduce, Reuse, Recycle**" applies here.

- **Reduce** your generation of e-waste through smart procurement and good maintenance.
- **Reuse** still functioning electronic equipment by donating or selling it to someone who can still use it.
- **Recycle** those products that cannot be repaired should **NOT** be disposed of with regular garbage instead it should be given to the proper E-waste recycler & dismantlers.

Benefits of E-Waste Recycling

i. Protects the environment

Recycling the waste from electronics saves space in the landfills and prevents the environmental pollution caused by the toxins. Recycling also reduces the need for landfills in the first place.

As per studies, 98% of components in an electronic device are recyclable. Metals extracted through mining require much difficulty and effort. Apart from mining, the cost to refine metals and transform them to a usable form is also very high. Through the extraction and reuse of metal from old electronic gadgets, the need to manufacture and refine raw metals decreases.

ii. Recycling is good for the economy

Goods made from recycled materials use less water, create less pollution, and uses less energy. Recycling also reduces the production costs of goods by avoiding manufacturing components from scratch.

iii. Reuse of resources

Electronics contain a lot of components that can be re-utilized sometimes without any processing, saving resources and energy required for initial manufacturing. A lot of big companies have their own recycling facility where they dispose of electronics for future reuse, and this is something that all big companies should strive for.

iv. Save Landfill Space

Electronic waste is being thrown into landfills at an increasing rate each year. Throwing e-waste into landfills creates many environmental issues. For example, the metals used in electronic gadgets such as iron, aluminum, and gold erode and release harmful toxins in the soil. Similarly, the plastic in these gadgets can release poisonous toxins into the soil. Toxins of this polluted soil kill all kinds of plants and microorganisms living on that land. It destroys their ecosystems and worsens the health of the environment. In the worst-case scenario, the poison spreads in the soil and eventually seeps into water sources.

v. Increase in Employment

Only experts can deal with electronic waste properly. Distinguishing between reusable and non-reusable materials is a task that requires a sharp eye and a lot of product knowledge. There are a lot of jobs in the field of recycling. There are many experts out there that have professional degrees regarding the recycling of electronic waste. Increased education about electronics recycling means more people recycle and more jobs are created.

Role & Responsibility as a PRODUCER

E-waste-producer

As per the provisions of Rule 3 (cc) of the e-waste rules, a producer of e-waste is any person who, irrespective of the selling technique used such as dealer, retailer, e-retailer, etc.;

- (i) manufactures and offers to sell electrical and electronic equipment and their components or consumables or parts or spares under its own brand; or
- (ii) offers to sell under its own brand, assembled electrical and electronic equipment and their components or consumables or parts or spares produced by other manufacturers or suppliers; or
- (iii) offers to sell imported electrical and electronic equipment and their components or consumables or parts or spares;

Duties of the Producer

Under the provisions of the e-waste rules (Rule 5), a producer shall be responsible for-

- (1) implementation of the extended producer responsibility plan stating the process of collection and channelization of e-waste generated, its appropriate treatment and disposal methods, public awareness programs, directions for handling/disposal of equipment after use, composition of the hazardous elements therein, etc.;
- (2) to provide information on the implementation of Deposit Refund Scheme to ensure collection of end-of-life products and their channelization to authorised dismantlers or recyclers;
- (3) import of electrical and electronic equipment only after having obtained Extended Producer Responsibility authorisation;
- (4) maintaining records for e-waste handled or generated to be made available to the Central Pollution Control Board;
- (5) filing annual returns providing details of the e-waste generated, treated, dismantled and recycled to the Central Pollution Control Board;
- (6) apply to the Central Pollution Control Board for the Extended Producer Responsibility – Authorisation.

Channel Partners

1. Recycler Partner: M/s **POLAR ELECTRONICS PVT LTD**
2. Logistic Partner: M/s **POLAR ELECTRONICS PVT LTD** via Professional Logistics Pvt. Ltd.

Awareness Program

Every customer/producer must be aware on handling of E-waste and channelize it to approved E-waste recycler/dismantler or Producers as per E-waste management rules 2016. Lack of awareness among various stakeholders about the ill effects of the end-of-life products (e-waste), is a major concern in our country. For reducing the adverse impact on environment and health we need to initiate sustainable mechanism to create awareness among the stake holders.

We will launch awareness programme on Environmental Hazards of Electronic Waste for Producers. We are planning to provide financial support for conducting various awareness programmes by Academic Institutions, Industry Associations, and professional organizations for organizing workshops/ seminars for schools/ colleges/ Resident Welfare Associations (RWAs)/ Bulk Consumers/ Regulatory bodies, media engagement etc. so that they can provide information regarding our buy-back programme and distribute campaign material for wide circulation on ill-effects associated with e-waste.

1. Seminars/ Workshops:

We will conduct awareness programs, seminars, and workshops at specific intervals and invite various stakeholders, School, College, institutions, retailers, dealers, bulk consumers etc. To attend the same and spread awareness about the hazardous elements in electronics goods, we will also educate our stakeholders, School, College, institutions, retailers, dealers, and bulk consumers about benefits of the recycling of electronic goods.

2. Advertisement:

We will spread awareness through various means of social media and actively conduct “Below the line” advertising like newspaper, Inserts, Pamphlets, Banners, etc.

3. User Guide / Booklet/ Brochures:

It will inform all consumers/producers on handling of e-waste and collection and recycling arrangements with proper guidelines as per E-waste management rules 2016.

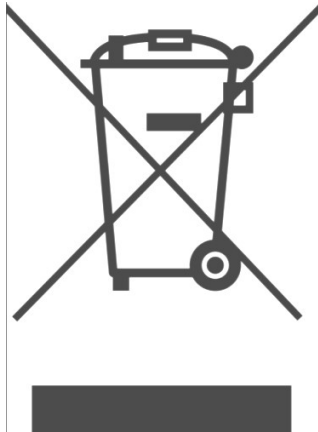
Do's & Don'ts

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 that any face of the glass is protected from 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.



Call on Toll free no. **1800 889 0491**

E-WASTE MANAGEMENT PLAN

In developing country like India, most E-Waste lands up in the informal sector where it is recycled without any consideration to health and environment. We, being responsible citizen contributes our share of Environmental Responsibility and aiding in taking care of our environment.

Abiding by all the pertinent laws associated with E-Waste Management, Our Company has been continuously working towards the same. We have partnered with M/s **POLAR ELECTRONICS PVT LTD** for E-Waste Recycling.

M/s **POLAR ELECTRONICS PVT LTD** via Professional logistics has obtained authorizations from the appropriate governmental agency for their processing facilities. M/s **POLAR ELECTRONICS PVT LTD** will receive and recycle customer returned equipment, including all the E-Waste.

We have partnership with M/s **POLAR ELECTRONICS PVT LTD** via Professional logistics for the collection of e-waste and transporting it in environmentally safe and sound manner to the recycling facility.

You can reach us at our toll-free no. **1800 889 0491** for any help regarding the E-waste management.

Where and how can you recycle your E-Waste?

Our e-waste program starts with collecting e-waste pickup requests from our end customers and producers through toll-free numbers present on the product package or website followed by M/s **POLAR ELECTRONICS PVT LTD** will be informed as to who will collect the e-waste and transport it to the nearest collection point. The sole purpose is to serve sound and safe transportation of the collected e-waste. To recycle your electronic items, all you have to do is drop an e-waste pick-up request on our toll-free number **1800 889 0491** from Monday to Friday between 10:00 AM to 5:30 PM. Also, customers and producer can drop their e-waste in the drop-box provided at various collection points or by handing it over to the person concerned present at the collection points.

Process Representation



1. E-waste Producers



2. Pickup communication



3. Collection by Logistic



4. Transfer to warehouse



4. Proper dismantling & Recycling of the provided E-waste

List of Collection Points/Centre							
S. No.	City	State	Address 1	Toll Free no.	Email	Branch Manager Name	Contact No
1	New Delhi	New Delhi	Plot No. 619, Block A, Near Tata Telco Service Station, Rangpuri, Mahipalpur Delhi - 110037	1800 8890 491	info@carebio.com	RAJKUMAR POONIA	9810053907
2	Lucknow	Uttar Pradesh	S 317, Transport Nagar, Near RTO Office Lucknow UP- 226012	1800 8890 491	info@carebio.com	MR.KRISHAN KUMAR	9335166155/9305166155
3	Mumbai	Maharashtra	Plot No. 92, Gali No. – 01, Sector 19C Vashi Navi Mumbai – 400705	1800 8890 491	info@carebio.com	BALWAN SINGH	9372166155/9371644600
4	Pune	Maharashtra	Plot No 24, Sector 4, Shikshak Colony Near Spine City, Moshi Pradhikaran Maharashtra- 412105	1800 8890 491	info@carebio.com	VED PRAKASH	9370939911
5	Chennai	Tamil Nadu	3/27 Sakthi Garden Phase II, Senneerkuppam, Tamil Nadu-600056	1800 8890 491	info@carebio.com	MR.FIROJ KHAN	9363166155/9362005006
6	Gurugram	Haryana	Shop No.16, 2nd Floor, 40 Feet Road, Phase 2, Opp Rions Hospital, New Palam, Vihar, Haryana 122017	1800 8890 491	info@carebio.com	MR.RAJESH	9711563229
7	Hyderabad	Telangana	Plot No.-111,JK Nagar Quthbullapur Rangaraddy Near Bharat Patrol Pump Near Bharat Patrol Pump Hyderabad-500055	1800 8890 491	info@carebio.com	MR.Vinod	9395166155/9396166155
8	Bangalore	Karnataka	No.43 1st floor 2nd Main D.D.U.T.T.L. Yeshwantpur Karnataka -560022	1800 8890 491	info@carebio.com	MR.RATAN LAL	9886250346
9	Guwahati	Assam	HN-34, Kundil Nagar Basistha Chariail, Near Parbhat Apartment Guwahati-781029	1800 8890 491	info@carebio.com	MR.SISHRAM	9864048000
10	Ahmedabad	Gujarat	No-23 Shivalik Residency Bh.Kadmavala Textile Behind Mony Hotel, Isanpur Gujarat - 382405	1800 8890 491	info@carebio.com	Mr.Ombir Poonia	9312377782
11	Patna	Bihar	Dr. A K Pandey (IPS) Malyanil, Bihar-800001	1800 8890 491	info@carebio.com	MR.B.N DASS	9934263618
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	1800 8890 491	info@carebio.com	MR.VIKASH KUMAR	9674030500
13	Chandigarh	Punjab	Shop No:-15 & 16, Pabhat Road, Opp – Tennis Academy, Zirakpur, Punjab-140603	1800 8890 491	info@carebio.com	MR.Rajesh	9316166155
14	Jaipur	Rajasthan	81, 200 ft. By Pass, Near Ajmer, Road, Heerapura, Rajasthan - 302021	1800 8890 491	info@carebio.com	MR.YOGESH SAHARAN	9309413301
15	J&K	JAMMU	SOAP NO 1 FIST FLOOR NEAR SBI BANK BARIBRAMNA JAMMU 181133 Jammu& Kashmir jammu-181133	1800 8890 491	info@carebio.com	MR.DHARAMPAL	9599917352
16	Cochin	Kerala	H.O -Building No-11/286A Kallarackal House Palliamkara H.M.T Colony P.O Near HMT Post Office Ernakulam Cochin, Kerala -683504	1800 8890 491	info@carebio.com	Mr.Ramesh	8891991199
17	Bhopal	Madhya Pradesh	C-317, ShriRameshwaram, Baghmugaliya, Bhopal 462043	1800 8890 491	info@carebio.com	Mr.Kuldeep	93002 11877
18	Bhubneswar	Orissa	Plot No. 117/1388, Near N.H Side, Pandara, Dist - Khurda, Bhubaneswar, Orrisa - 751006	1800 8890 491	info@carebio.com	Mr.Nagesh Kumar	9831919193
19	Dehradun	Uttarakhand	Prem Nagar IMA Dehradun Uttarakhand	1800 8890 491	info@carebio.com	Mr.Sandeep	97602985500
20	Ranchi	Jharkhand	Radha Complex Khel Gaon More Deepa Toli Ranchi	1800 8890 491	info@carebio.com	Mr.Ramesh	9334793207
21	Himachal	Himachal	Darnu, K.B Dharamshala dist Kangra Himachal-176215	1800 8890 491	info@carebio.com	Mr.Ajay	8091126007
22	Goa	Goa	Shop No.40, Iind Floor Ponda Commerce Center Near IDBI Bank Tisk Ponda Goa Goa-403401	1800 8890 491	info@carebio.com	Mr.Mangi Ram	9822115763
23	Visakhapatnam	Andhra Pradesh	Godown No-12-18/3 Near Mary Palam Bus Stop Lankelapalem Visakhapatnam Visakhapatnam-531021	1800 8890 491	info@carebio.com	Mr.Jogti Ram	9391833223
24	Arunachal Pradesh	Itanagar	Mithun Gate Near Town Baptist Church Nyokum Lapang Itanagar Itanagar-791111	1800 8890 491	info@carebio.com	Mr.Atul Hussain	8794478851
25	Raipur	Chhattisgarh	MIG 245 Kabir Nagar Near Commercial Complex Raipur Chhattisgarh Chhattisgarh-492099	1800 8890 491	info@carebio.com	Mr.Sabdeep	9300403425