

## **E-WASTE MANAGEMENT**

### **Introduction:**

E-waste refers to electronic waste. E-waste recycling is the reuse and reprocessing of electrical and electronic equipment of any type that has been discarded or regarded as obsolete. Some of the common E-wastes include: home appliances such as televisions, air conditioners, electric cookers and heaters, air conditioners, fans, DVDs, Radios and microwaves among others; information technology equipment's such as computers, mobile phones, laptops, batteries, circuit boards, hard disks, and monitors among others; and other electronic utilities such as leisure, lighting, and sporting equipment's. Recycling of e-waste is a growing trend and was initiated to protect human and environmental health mainly due to the widespread environmental pollution impacts of e-waste.

E-waste has been one of the fastest growing waste streams in the world. While e-waste contains valuable materials such as aluminium, copper, gold, palladium and silver, it also contains harmful substances like cadmium, lead and mercury. In the absence of proper awareness, disposing e-waste in landfill can result in toxic emissions to the air, water and soil and pose a serious health and environmental hazards.

**Under the guidelines of the Ministry of Environment, Forest and Climate Change, Government of India, E-Waste (Management) Rules, 2016 and EVOLUTE CLEANTECH SOLUTIONS PVT LTD. stands committed to implement E-Waste Rules.**

We, **EVOLUTE CLEANTECH SOLUTIONS PVT LTD.** understand there is a need to encourage recycling of all useful and valuable material from e-waste so as to conserve the ever depleting natural resources. Recycling end-of-life discarded products is vital if we are to save resources and minimize landfill **EVOLUTE CLEANTECH SOLUTIONS PVT LTD.** understands its responsibility and in this regards we have tied-up with one of the leading and authorised e-waste recycler namely **PROCESS RECYCLING** for facilitating our customers to enable them to dispose of e-waste products after its end-of-life.

**PROCESS RECYCLING** one of the renowned recycler is pioneer of recycling the e-waste in the most organized manner in India. Authorized by CPCB and MPCB and are committed towards Environmental Social & Corporate Governance. They have expertise in assisting Producers in fulfilling their compliances related to EPR and E-waste Management.

### **Benefit of recycling of E-waste:**

- 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 leach into our soil and water.
- Protects your surroundings- Safe recycling of outdated electronics promotes sound management of toxic chemicals such as lead and mercury.
- Conserves natural resources- Recycling recovers valuable materials from old electronics that can be used to make new products. As a result, we save energy, reduce pollution, reduce greenhouse gas emissions, and save resources by extracting fewer raw materials from the earth.
- Helps others - Donating your used electronics benefits your community by passing on ready-to-use or refurbished equipment to those who need it.
- Saves landfill space - E-waste is a growing waste stream. By recycling these items, landfill space is conserved.

### **Recycling of E-waste:**

Our company has tied-up with the **M/S PROCESS RECYCLING** for collection of all our E-waste from PAN India and disposes the same at their plant at **GALA NO.2, SURVEY NO. 302, 124, RICHARD COMPOUND, NEXT TO MAHARASHTRA VAJAN KATA, UMANG PHARMA ROAD, PELHAR, VASAI EAST, Palghar, Maharashtra, 401208 India** Customer can reach or call on Toll Free No **18002678886**. 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 **M/S PROCESS RECYCLING** team to collect the items and channelize the same to our e-waste partner plant for final processing.

### **Dos & 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 repair and handle your electronic products.
- Always call our E-waste Authorized Collection Centres/points 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 Centres/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 (Kabaadi) 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.

**E-WASTE RECYCLING & COLLECTION MECHANISM FOR CONSUMER**

As per the E-waste Regulation under E-waste (Management) Rule, 2016 and **EVOLUTE CLEANTECH SOLUTIONS PVT LTD** being a good corporate citizen understands the responsibility towards environment and thus following the mechanism for collection of e-waste and channelizing it for safe recycling:

**How end consumer can reach us?**

If any of the End consumer willing to dispose or recycle their end of life product /e-waste can call or reach us at our toll free number, our representative will explain our customers about process of disposal and make them aware about nearest drop point available to drop the e-waste or we send our logistic team to pick the e-waste from the doorstep of customer and channelize the same to our E-waste partner M/S PROCESS RECYCLING , GALA NO.2, SURVEY NO. 302, 124, RICHARD COMPOUND, NEXT TO MAHARASHTRA VAJAN KATA, UMANG PHARMA ROAD, PELHAR, VASAI EAST, Palghar, Maharashtra, 401208 India for final processing.

**E-Waste Rules**

**Process Recycling**



**Process Recycling (PR)** is here with one mission, save the environment from our e-waste so we can keep this dear planet habitable for our future generation. The more technological dependent we are becoming, the more we are producing **E-Waste**. The used computer parts used mobile parts and used parts of every other electronic device are polluting the environment because you and I are not careful about dumping it properly. As affordable **Process Recycling**, PR is here to take care of your e-garbage.



## E-Waste

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Not every **e-waste** need to be destructed either. Study shows that 63% of e-garbage's can safely be recycled and this way we can not only show our care to the environment but also can save significant amount of our budget. However, the same study shows that only 17% electronic recycling is done, with the situation being much worse in 3rd world countries including India. PR is determined to change this scenario. Our easy and inexpensive plans will help you get rid of all those machines, stacked up in your home or office.

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## Toner Cartridge Recycling

Printer cartridge or toner is something which comprises almost 12% of total e-waste produced in the whole world. This is much bigger than any other component. This is why PR places special importance on **toner cartridge recycling**. Our dedicated division on toner cartridge allows you to save significant amount. Toner cartridges refilling can easily be done and thus not only we totally recycle and save up to 70% of your costs but it comes with no harm to the environment.



## Data Destruction

Finally, **PR** has the most sophisticated infrastructure for **data destruction**. Whether you want to safeguard your personal information before selling the hard disk or you want to clean your PC of anything malicious, we can help you with it. Our data destruction is thoroughly certified which means we guarantee you privacy. After we destruct your data, it is completely gone, irreversibly deleted. No trace of the data can ever be found on the storage medium.



## Our Services

- Recycling of **E-Waste**
- Recycling of **Toner Cartridge**
- **Refurbishing PC** for Rural Areas and NGO's
- **Onsite Hard Disk** Shredding/ Scraping
- **Data Destruction**
- **Data Wiping**

Toll Free No. **18002678886** for End Consumer reach.

**Take Back Scheme /collection Scheme**

Once any end consumer will contact us at our Toll free no. for handover the end of life product /e-waste for proper disposal, **PROCESS RECYCLING** representative will get information to end customer about any incentive or exchange offer that may be an offer, at that time, against their end of life product and encourage customers/end users to deposit any of their old absolute products (spare parts) and their accessories (irrespective of brand) and also propose to exchange the same with a promotional voucher or any other lucrative offers depending upon the remaining Life of the Product.

### **Reverse Logistic Support**

For reverse logistic **PROCESS RECYCLING** Company has signed an agreement with **TCI Express** services across India for the collection of end of life product/ e-waste. If any end consumer wishes to handover the end of life product/ e-waste from their doorstep, we send our logistic **TCI Express** logistic partner of our Recycling Partner **PROCESS RECYCLING** to collect the end of life product/ e-waste and channelize the same at Recycling partner **GALA NO.2, SURVEY NO. 302, 124, RICHARD COMPOUND, NEXT TO MAHARASHTRA VAJAN KATA, UMANG PHARMA ROAD, PELHAR, VASAI EAST, Palghar, Maharashtra, 401208 India.**

### **WHAT SHOULD I DO WITH MY ELECTRONIC DISCARDS?**

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

- Reduce your generation of e-waste through smart handling and good maintenance.
- Reuse still functioning electronic equipment by donating to us.
- Recycle those products that cannot be repaired. Customer may handover their end of life products to our nearest drop points for proper Recycling.

We look forward to your support in ensuring safe and efficient disposal of e-waste which is a shared responsibility between our valued consumers and us. We value your co-operation.

To know more about safe and secure recycling and proper disposal of end-of-life electrical and Electronic Products Customer can contact at our toll-free number at:

Toll free No. **18002678886**

## Collection Centres:

**PROCESS RECYCLING** has signed an agreement with **TCI Express Logistics** for reverse logistics for Channelization of E-waste to the facility.

Sl. No.	Logistic	Location	Address	Person and contact No	Toll free number
1	TCI EXPRESS	VISHAKHAPATNAM	TCI EXPRESS C/o-TRANSPORT HOUSE JAIL ROAD OPP JUDGE COURT B ESIDE CMR SHOPPING MALL, VISHAKHAPATNAM, VISHAKHAPATNAM - 530020, ANDHRA PRADESH, INDIA	Vikram- 8912513411	18002678886
2	TCI EXPRESS	GUWAHATI	TCI EXPRESS DAG NO 3488,3489 AND 3513, PATTA NO 2334,1815 AND 115. VILLAGE: SASUAJAI MOUZA, BEHARBARI OPPOSITE OLD ABC INDIA LTD. GODOWN, BELTOLA GUWAHATI - 781028, ASSAM, INDIA	Hirdyesh- 7578011627	18002678886
3	TCI EXPRESS	PATNA	TCI EXPRESS Plot No-B26,28, TRANSPORT HOUSE TRANSPORT NAGAR GA TE. NO 2, NEW BY PASS NEAR ZERO MILE, PATNA- 800026, BIHAR, INDIA	Sharavan Dubai 8051237580	18002678886
4	TCI EXPRESS	AMBALA	TCI EXPRESS PLOT NO. 139/139A, NR. DHUULKOT VILLAGE, MODE L TOWN CROSSING, AMBALA CITY, AMBALA- 134003, HARYANA, INDIA	Amresh- 7027546203	18002678886
5	TCI EXPRESS	CHANDIGARH	TCI EXPRESS Plot No-21 TRANSPORT HOUSE, SEC- 26, TRANSPORT AREA CHANDIGARH -160019, INDIA	Varun- 8558896108	18002678886
6	TCI EXPRESS	DELHI	TCI EXPRESS Plot No-10, RAM BAGH, OLD ROHTAK ROAD, NEW DELHI- 110007, DELHI, INDIA	SatiRam- 9711626380	18002678886
7	TCI EXPRESS	GOA	TCI EXPRESS SHOP NO -7 ASMAS ARCADE, CHARRASTA, KARASWADA, BARDEZ, GOA- 403526, GOA,INDIA	Ajay- 8368858693	18002678886

8	TCI EXPRESS	AHMEDABAD	TCI EXPRESS Plot No-5, GANESH ESTATE, BEHIND SURBHI GUEST HOUSE, S ARKHEJ BAVLA HIGHWAY, MORAIYA PATIYA, TEH.SA NAND AHMEDABAD - 382213, GUJARAT, INDIA	Praveen Sharma- 7574898428	18002678886
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9	TCI EXPRESS	GURGAON	TCI EXPRESS PLOT NO 9, JATAULI HALEY MANDI, TEH. PATAUDI, GURGAON-122504, HARYANA, INDIA	Santosh-9582336268	18002678886
10	TCI EXPRESS	JAMMU	TCI EXPRESS C/O-BALI ESTATE OPP. J&K BANK, NEAR BATA SHOWROOM, NATIONAL HIGHWAY 1A GANGYAL, JAMMU- 180010, JAMMU & KASHMIR, INDIA	Hemraj-7291961858	18002678886
11	TCI EXPRESS	BANGALORE	TCI EXPRESS PLOT NO-C-327, PENEYA INDUSTRIAL ESTATE, FIRST STAGE, BAN GALORE-560058, KARNATAKA, INDIA	Ashok-9538893472	18002678886
12	TCI EXPRESS	MYSORE	TCI EXPRESS PLOT NO-92 P, BELAGOLA IND AREA, SY NO 50 HEBBAL VILLAGE KRS ROAD MYSORE-570016, KARNATAKA, INDIA	Ligin Raju-9538893477	18002678886
13	TCI EXPRESS	ERNAKULAM	TCI EXPRESS PLOT NO-C NO. 155, B, ANJIKATH VMB ROAD, PATHADIPPALAM, ERNAKULAM, KOCHI, ERNAKULAM-682033, KERALA, INDIA	Abdul Rahman-9643549389	18002678886
14	TCI EXPRESS	MUMBAI	TCI EXPRESS UNIT NO - 76-97, GROUND FLOOR, F - WING SOLARIS -1 SAKIVAH ROAD, OPP - L& T GATE NO -6 TUNGA GAON, POWAI, MUMBAI - 400072, MAHARASHTRA, INDIA	Amish-7827746144	18002678886
15	TCI EXPRESS	CUTTAK	TCI EXPRESS PLOT NO 1762 & 344, BETWEEN SARSTI HOSPITAL AND SAHARA OFFICE CUTTAK - 753012, ORISSA, INDIA	Naveen-7381064961	18002678886
16	TCI EXPRESS	PUDUCHERRY	TCI EXPRESS RS NO 111/3, ARYA COMPLEX THIRUMALA NAGAR, VILLIANUR ROAD, MOLLAKULAM-605010,PUDUCHERRY, INDIA	Pawan kumar-8098819911	18002678886
17	TCI EXPRESS	PUNJAB	TCI EXPRESS SCO - 102 CHAURA BAZAR NEAR STAR HOTEL RAJPURA - 140401, PUNJAB, INDIA	Satveer singh-8558899896	18002678886
18	TCI EXPRESS	JAIPUR	TCI EXPRESS C/O-NARAYAN CAMPUS, NR. APPOLO TYRE GODOWN, JAI PUR - AJMER ROAD, BHANKROTA, JAIPUR-302026, RAJASTHAN, INDIA	Anil-7665020265	18002678886

19	TCI EXPRESS LIMITED	COIMBATORE	TCI EXPRESS PLOT NO-2/264, N.G.G.O COLONY, IDIGARAI ROAD, COIMBATORE - 641022, TAMIL NADU, INDIA	Ram- 8939865927	18002678886
20	TCI EXPRESS	HYDERABAD	TCI EXPRESS BEARING NO. 12-85/1 MEDCHAL INDUSTRIAL AREA, MEDCHAL CHECK POST, BACKSIDE SBI INDUSTRIAL BRANCH, DISTRICT- MEDCHAL HYDERABAD - 501401, TELANGANA, INDIA	Hasnain- 8886611291	18002678886
21	TCI EXPRESS	LUCKNOW	TCI EXPRESS TCI HOUSE PLOT NO. A- 332, GROUND FLOOR TRANSPORT NAGAR, KANPUR ROAD LUCKNOW - 226012, UTTAR PRADESH, INDIA	Naveen- 7570004560	18002678886
22	TCI EXPRESS	MEERUT	TCI EXPRESS PLOT NO B- 14, BEHIND SHEKHU PETROL PUMP, TRANSPORT NA GAR MEERUT - 250001, UTTAR PRADESH, INDIA	Jitender singh- 7570004577	18002678886
23	TCI EXPRESS	DEHRADUN	TCI EXPRESS PLOT NO B 1 TRANSPORT NAGAR SAHARANPUR ROAD DEHRADUN - 248001, UTTARAKHAND, INDIA	Bajrangiyadav- 7570004581	18002678886
24	TCI EXPRESS	HARIDWAR	TCI EXPRESS G-01/03 AND 04 TRANSPORT NAGAR VILLAGE- SARAI NEAR SABJI MANDI JWALAPUR. HARIDWAR - 249404, UTTARAKHAND, INDIA	Pankaj Kumar- 7570004570	18002678886
25	TCI EXPRESS	KOLKATA	TCI EXPRESS PLOT NO-3A, MAHENDRALOY LANE, MARUTI BAGAN NEAR MS MOTOR TOPSIA, KOLKATA - 700046, WEST BENGAL, INDIA	Vismay-8336937705	18002678886