#### **E-WASTE MANAGEMENT**

# TOLL FREE NO. 1800-309-3444

#### 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.

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.

Under the guidelines of the Ministry of Environment, Forest and Climate Change, Government of India, E-Waste (Management) Rules, 2016 and M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD. stands committed to implement E-Waste Rules.

We, **M/S SWACH ENVIRO E-WASTE INDIA 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 **M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD.** understands its responsibility and in this regards we have tied-up with one of the leading and authorised e-waste recycler namely **M/S HINGREEN E-WASTE RECYCLING PVT. LTD.** for facilitating our customers to enable them to dispose of e-waste products after its end-of-life.

**M/S HINGREEN E-WASTE RECYCLING PVT. LTD.** one of the renowned recycler is the e-waste in the most organized manner in India. Authorized by UPPCB are committed towards Environmental Social & Corporate Governance. They have expertise in assisting Producers in fulfilling their compliances related to EPR and E-waste Management.

# 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. Our company has partnered with M/S HINGREEN E-WASTE RECYCLING PVT. LTD.

Together with M/S HINGREEN E-WASTE RECYCLING PVT. LTD., we have been doing its best in order to proffer environmentally sound management of electronic devices which have reached their end- of-life and to comply with the new India E-Waste Management and Handling rules in providing drop-of centers and environmentally sound management of end of life electronics.

M/S HINGREEN E-WASTE RECYCLING PVT. LTD. has obtained authorizations from the appropriate governmental agency for their processing facilities. M/S HINGREEN E-WASTE RECYCLING PVT. LTD. will receive and recycle customer returned equipment, including all the E-Waste.

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

# **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.

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.

# **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 forded.

# **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.

- **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.

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

Many electronics have 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.

# Have Solve the E-waste Problem

Solving the e-waste problem starts with education, and habit changes as a result of knowledge. Most people are trained to recycle a newspaper, bottles, and cans. Almost anything electronic in nature can be recycled properly with effort. Some municipalities have transfer stations that accept e-waste, and of course, Electronix Redux accepts e-waste for recycling. It is important that any e-waste processor is fully certified in safe destruction and follow certified documented procedures to safely dispose of electronic waste. Ask questions before you recycle! Some unscrupulous recyclers ship e-waste overseas where it is disposed of improperly, posing a threat to the environment and its' people.

# **Recycling of E-waste:**



The company has tied -up with the **M/S HINGREEN E-WASTE RECYCLING PVT. LTD.** For collection of all our E-waste on PAN India and disposes the same at their plant at **Khasra No.733 & 737, Industrial Area, Baral, Partapur Delhi Road, U.P** Customer can reach or call on Toll Free No **1800-309-3444**. 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 HINGREEN E-WASTE RECYCLING PVT. LTD.** team to collect the items and channelize the same to our e-waste partner plant for final processing.

# Why should we Recycle?

- The earth's natural resources are limited and hence we make sure that we preserve them and use them carefully.
- To eliminate landfill.
- To save mother earth by preventing air pollution, water and soil pollution.
- To generate employment opportunity.

# Dos & Don'ts

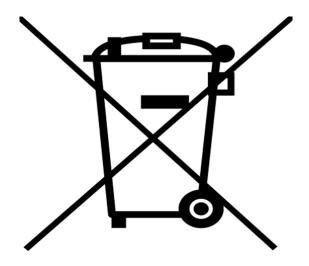
Do's:

- Always look for information on the catalogue with your product for end-oflife equipment handling.
- Always handover/surrender it only to the Authorized Recyclers. 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

- You must know the facts that hazardous substances in most of the E-waste products after their end of life effect on human health. Hence, you must sell/handover/surrender it to the authorized recycler only.
- 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 dispose your product in garbage bins along with municipal waste that ultimately reaches landfills.
- Do not store e-waste in your home/store/warehouse for a long time. Handover it to the authorized recycler once it reaches to it's end of life



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

As per the E-waste Regulation under E-waste (Management) Rule, 2016 and **M/S SWACH ENVIRO E-WASTE INDIA 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:

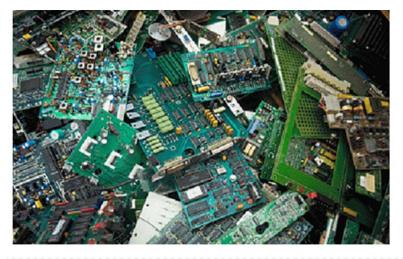
# How end consumer can reach us?

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 Recycling Partner toll free number, **M/S HINGREEN E-WASTE RECYCLING PVT. LTD.** representative would 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 **Khasra No.733 & 737, Industrial Area, Baral, Partapur Delhi Road, U.P** for final processing.

# M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD.

**SWACH ENVIRO E-WASTE INDIA PVT. LTD.** 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 **HINGREEN E-WASTE RECYCLING PVT. LTD.** in **India**, is here to take care of your e-garbage.

**E-Waste** 



Not every **e-waste** need to be destructed either. Study shows that 63% of egarbage'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. **M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD.** 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.

# **Toner Cartridge Recycling**

Printer cartridge or toner is something which comprises almost 12% of total ewaste produced in the whole world. This is much bigger than any other component. This is why **M/S HINGREEN E-WASTE RECYCLING PVT. LTD.** 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 SERVICES AND RECYCLING

One of the biggest concerns that people and organizations have when disposing their electronic devices, specifically smartphones and laptops, is the data that they store. Some of it confidential corporate data, some personal sensitive data, some of it information related to banks or investments or competitor analysis or brand plans that they don't want getting into someone else's hands. Additionally, government regulations, contractual obligations, identity theft and other security concerns makes it necessary to have stringent protocols to ensure safeguard of private data. Further, erasing data doesn't necessarily mean the information is no longer available. Effective elimination requires rigorous efforts which is where we come in. Our Commercial Components Shredder ensures efficient destruction of hard drives, prototype units, processors, chips and other sensitive storage media devices. Cerebra gives you peace of mind by ensuring that none of the private data reaches the secondary market, or the hands of data thieves.

# **Bulk Consumer Program**

The bulk of the e-waste in India is generated from medium to large public & private organisations who are large consumers of IT Assets who fall under the e-Waste (Management) Rules 2016 to ensure that their EOL (end-of-life) products does not end up with the informal sector or landfills.

SWACH ENVIRO has been marketing their services as a PRO to make these large public & private organisations who fall under the Bulk Consumer Program to make them aware of their responsibilities under the E-Waste (Management) Rules 2016 and also help them establish responsible and environmentally sound processes for e-waste management.



competitors or research Our Services

- Recycling of **E-Waste**
- Recycling of **Toner Cartridge**
- **Refurbishing PC** for Rural Areas and NGO's
- **Onsite Hard Disk** Shredding/ Scraping
- 100% Data Destruction
- Data Wiping



Awareness Programs of Recycler M/S HINGREEN E-WASTE RECYCLING PVT. LTD. :



# Toll Free No. 1800-309-3444 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, **M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD.** 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**

This service is particularly useful for Organizations which operate out of multiple Addresses in a City/State/Territory and whose E-waste disposal is designated from a particular location. We offer Logistics Services to safely & conveniently move your E-waste from one location to another. And if you are already a partner of SWACH ENVIRO, we offer this service free of charge.

We have partnered with OM LOGISTICS LTD. as our reverse logistics partners for pan India collections. To schedule a pickup, dial our Toll Free Helpline **1800-309-3444** and get your e-waste pickup scheduled.

For OEMs & Producers whose Storage facilities are generally centralized for Ewaste, our hassle-free logistics services come as a great help.

Simply, give us a <u>call</u>, and our team of Experts will be there to help you in no time.



# 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.

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• 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. 1800-309-3444

M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD. has signed an agreement with OM LOGISTICS LTD. for reverse logistics for Channelization of E-waste to the facility.

	Collection Facilities (Collection Point /Centres, Warehouse)							
S.No.	State	City	Address	Phone No				
1	Andhra Pradesh	Hyderabad	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd PLOT NO. 31 BLOCK-E,. Behind Axis Bank Samshabad R.R. DISTT PIN No 501218	MR. SANDEEP KUMAR BIJARNIA 9100211137				
2	Assam	Guwahati	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd N.H 37 , Garalia , near National games Stadium , Beltola , Guwahati – 781034 , Assam	MR SURENDER 7086049105				
3	BENGAL	Central(FTL)	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd P-1 , New C.I.T. P-46 Extn.Near Brace Bridge Railway Station,Hide Road, , Kolkata – 700088	MR AJIT SINGH: 8017307286 Telephone: 033- 24391495				
4	BIHAR	Patna	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd D-46, Near Gate No -1 Zero Mile Trans port Nagar, Patana, Bihar	MR. SANJEEV 7763801969				
5	CHHATTISGARH	Raigarh	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd KHASRA NO.24 VILLAGE TATIBAND TEHSIL RAIPUR ,DISST. RAIPUR RAIPUR (C.G.) 492099	MR. NEERAJ THAKUR 8370005257				
6	Delhi	DELHI 21 NO	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd 21 RING ROAD , TRANSPORT CENTRE (NEAR PUNBJABI BAGH FLY OVER) NEW DELHI-110035	MR. SUSHIL KUMAR 9268568539 Telephone: 011- 45970511/12				
7	Gujrat	VADODARA	M/S SWACH ENVIRO E-WASTE INDIA	MR.SURENDER				

# **E-Waste material collection centre/point**

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			PVT. LTD., C/o OM LOGISTICS Ltd C-1 TO 12, MARUTI ESTATE, NR. HALOL HIGHWAY TOLL NAKA, GOLDEN CHOUKADI, VADODARA.(GUJ.) - 390022	SINGH 9714500566
8	Haryana	AMBALA	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd N.H.1, OPP MIRCHI RESTORENTNEAR KAUSHAL FILLING STATIONSAMBALKHI ROAD, MOHRI , AMBALA (HARYANA) 136135	MR.VINOD 8397970439
9	Himanchal Pardesh	Baddi	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd KHASRA NO. 652/2.0, NEAR RADHA SWAMI SATSANG BHAWANSAI ROAD TEH .BADDI DISTT. SOLAN (HP) 173205	MR. PAWAN KUMAR 7832940021 & 7832940028
10	Jharkhand	RANCHI	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd C/O VINAIKA CAMPUS LALI RAJA ULHATU ROAD SIDROUL ON TATA ROAD RANCHI-834010	MR.RAKESH 7091598665
11	Karantaka	BOMMANSAN DRA	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd SLN AUTOYARD NO. 7/3 1ST CROSS BOMMANSANDRA,INDUSTRIAL AREA OPPOSIT KANORYA PLASTIC PVT. LTD. BOMMANSANDRA-560100	MR.RAJ KUMAR CHAUBEY 8050070247
12	Kerala	TRIVANDRUM	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd KALLUVETTANKUZHI, VIZHINJAM- (PO), NEAR CHRIST NAGAR COLLEGE KOVALAM, TRIVENDRUM, KERALA- 695521.	MR.SHAILESH TIWARI 7034025580
13	Maharashtra	BHIWANDI	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd SONALE VILLAGE, MUMBAI - NASIK HIGHWAY, OPP. PRESIDENCY SCHOOL, TAL. BHIWANDI, DIST. THANE – 421302	MR.GOVIND SINGH 9594966655
14	Madhya Pradesh	Bhopal	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd C/O SUBHAM WARE HOUSE KATARA HILL / NEW BY PASS 11 MILL TOLLE STATE – MADHYA PARDESH 462021	MR.GHANSHYAM RAI 9644401084
15	ORRISA	Bhubneswar	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd	SHIVA PRASAG SAEANGI

			PLOT NO - 573,574 SAMEIGADIA,CHAKEISAHANI P.O- RASULGARH BHUBNESWARPIN CODE – 751010	8500311580
16	Punjab	Amritsar	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd SULTANBINT ROAD NEAR AJAY PALACE DUBURAJI AMRITSAR PIN CODE – 143001	MR.SUNIL THAKUR 8558899519
17	Rajasthan	JAIPUR	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd NEAR DPS SCHOOL N.H. 8 AJMER ROAD BANKROTA JAIPUR 302026	MR. SANDEEP 9649999015
18	Tamilnadu	TIRUNELVELI	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd PLOT NO- 163C ,CHIDAMBARA NAGAR, SHANKAR NAGAR, TIRUNELVELI-627357( T.N)	MR.SURENDER KUMAR POONIA 8939877540
19	Uttrakhand	Dehradun	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd A-61,TRANSPORT NAGARSAHARANPUR ROADDEHRADUN NEAR ISBT STATE – UTTARAKHAND	MR.SHANKAR POONIA 8392921855
20	UTTER PRADESH	Agra	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd A-13/6, SITE-III, MEERUT ROAD INDUSTRIAL AREANEAR UTTAM TOYOTA SHOWROOM & FORD SERVICE CENTEROPP. CLOUD- 9 MARRIGE HOME, GHAZIABAD PIN CODE- 201001	MR.CHANDRA SHEKHAR SHARMA 9213097162
21	GOA	GOA	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd PLOT NO.S141,PHASE IIIB, NEAR HOTEL RAVI CAFE, NEAR LOKMAT PRESS, VERNA, GOA 403722	RAKESH 9922444062
22	TRUPURA	AGARTALA	M/S SWACH ENVIRO E-WASTE INDIA PVT. LTD., C/o OM LOGISTICS Ltd SURYA ROAD AGRTALA , NEAR DEVEN ROADWAYSPIN- 799001,TRIPURA	MR.AKSHYA KUMAR 7086045046