

E-Waste Recycling Policy

Siemens is committed to conserve resources and reduce environmental pollution. Siemens integrates outstanding performance in environmental protection, maximum occupational safety and innovative concepts to promote health in business processes. The Government of India has specified legal requirements for the management of used end of life electrical and electronic equipment known as E-waste. Siemens has in parallel to the requirements, incorporated in its processes the sensitivity right from product design to the complete management of E-waste until 'end of life' of its products. This helps in not only reducing the negative impacts on the environment, but also makes available a system for Siemens' customers to use the platform for E-waste management put in by Siemens. This platform ensures a scientific way to handle product take-back and subsequent management of E-waste through government approved methods in the territory of India. Producer Responsibility is therefore, for Siemens of paramount importance; and Siemens is committed to promote environmental protection by making it possible for our esteemed customers to utilize the Siemens facilitation of E-waste management for disposal of 'end-of-life' Siemens' products. Siemens customers and stakeholders therefore, have the opportunity to participate in a professional and scientific disposal of their E-waste and Siemens believes that E-waste management results in increased economic benefit to all stakeholders, besides helping the environment at large.

Siemens has tied up with a pan India Producer Responsibility Organisation (PRO), M/s. RLG Systems India Pvt. Ltd. for end to end handling of e-waste including the collection and disposal mechanisms.

As a customer or stakeholder of Siemens products and systems, it would be useful for you to understand the below concepts that are relevant in E-waste management:

1. End-of-life
2. Channelization
3. Logistics & documentation
4. Scientific and compliant E-waste management
5. Importance of awareness

1. End-of-life

End-of-life (EOL) is a term used with respect to a product or a system supplied indicating that the product or system is in the end of its useful life. Please read the product literature to understand expected product life times and its warranty, repair and guarantee conditions. Damaged products beyond use also come under the End-of-life definition.

2. Channelization

Producers are required to have arrangements with authorised dismantlers/recyclers either individually or collectively or through a Producer Responsibility Organisation (PRO) or E-waste exchange system as spelt in their EPR Plan which is approved / authorised by Central Pollution Control Board (CPCB). Channelization includes making an assessment of the E-waste, taking the help of a professional PRO agency in setting up collection centers, making logistical arrangements and downstream arrangements in order to ensure sound management of E-waste channelization through the PRO.

3. Logistics & documentation

Logistics and documentation would involve the following broad steps :

- i) You (customer or stakeholder of Siemens products and systems) notify the PRO toll free number for collection of the E-waste
- ii) Details of E-waste to be given to the PRO
- iii) PRO staff will inform the details of drop location or pick up
- iv) Post verification, the E-waste shall be collected
- v) Documentation will include a manifest of the E-waste collected, a copy of which shall be handed over to you.
- vi) Please do not pay any charges towards the above.

4. Scientific and compliant E-waste management

Scientific and compliant E-waste management includes authorised methods of channelization, take-back collection centres, storage, transportation, environmentally sound dismantling and recycling, refurbishment, and random sampling of EEE for testing of RoHS parameters.

For details on Siemens RoHS, please read the RoHS section of this document.

5. Importance of awareness

When we throw out our electronics, they land up in Landfill causing the possibility of toxic metal leaching into the groundwater. Toxic metals in e-waste leach into our supply of resources, threatening their integrity. When e-waste is openly heated which is a rudimentary process by the un-registered user or scrap dealers, toxic chemicals are released into the air, damaging the atmosphere and posing a serious threat to health and existing life. E-Waste management is a critical consideration for future generations as proper e-waste recycling is becoming hard to find, with very less efficient recyclers in the business. It is crucial to know effects of e-waste on the environment, and make a collective effort to build awareness and systems to curb all its ill positioning for our existing and future generation.

Consequences



Possible environmental impacts of not following scientific E-waste management could result in damage to ecosystems, damage to human health and resource depletion besides other negative impacts on the environment.

FAQs

What is E-Waste ?

Any electronic and electrical product or equipment which has been out of use due to a technical flaw, upgradation of technology or unforeseen damage, can be termed as e-waste. Electronic waste or e-waste describes discarded electrical or electronic devices. Used electronics which are destined for reuse, resale, salvage, recycling, or disposal are also considered e-waste.

What is EPR?

EPR or Extended Producer Responsibility, as per the E-Waste (Management) Rules 2016, is the responsibility of manufactures, basically companies producing or marketing electronics and electrical items under a respective brand name to take-back from the consumer, after it's end of life as described in the Rules and to ensure proper management and disposal of E-Waste, which is to be done through an authorised PRO.

Who is a PRO?

PROs are CPCB (Central Pollution Control Board) approved professional organizations who have the capabilities of end-to-end management of product take back and E-waste management. This approval is given based on the competency of the recycler, infrastructure and other factors as decided by CPCB.

What is the scope of E-waste for Siemens products and systems?

As per prevailing legal requirements in India, E-waste is applicable on Industrial Personal Computers (IPC), Laptops, Printers & Telephones. For details on the applicable Siemens products, please see the item list given below in the ROHS compliance section of this document.

What are the legal requirements regarding E-waste?

E- Waste (Management & Handling) Rules, 2011 was notified in 2011 and had come into effect since 1st May, 2012. Now, as per the new guidelines, MoEFCC, Government of India in amendment() of E-Waste (Management and Handling) Rules, 2011 has notified the E-Waste(Management) Rules, 2016 vide G.S.R. 338(E) dated 23.03.2016 which has now been effective from 1st October'2017. On March 2018, the E-Waste (Management) Amendment Rules were published pertaining to the amendment in the collection targets. These rules are applicable to every producer, consumer or bulk consumer, collection centre, dismantler and recycler of e-waste involved in the manufacture, sale and purchase and processing of

electrical and electronic equipment or components specified in Schedule – I of the Rules. For the latest information, please visit the government websites <http://cpcb.nic.in/e-waste-rules/> or consult your legal experts.

Why is it important to comply with E-waste rules?

Complying to E-waste rules is not only a legal requirement, but also one should bear in mind that Electronic waste containing toxic chemicals and metals such as lead, cadmium mercury, when disposed in landfills gain entry into surrounding soil, groundwater and harm the environment. Improper handling of electronic waste will result in health and pollution problems. Irreversible damages may be caused to flora and fauna and it is important therefore to handle unavoidable E-waste responsibly to ensure sustainability.

How am I being a consumer covered under the new E-Waste Management Rules?

Each stakeholder has a responsibility as per the E-Waste (Management) Rules 2016, eg. the manufacturer, the bulk consumer / Consumer, recycler etc. Bulk Consumers are enterprises or houses of business which use electronics in bulk for their business and are also under the rules to ensure compliance.

Why do I as a Siemens distributor need to know about e-waste management?

It is necessary to observe the relevant statutory requirements in the markets well before starting distribution, and to ensure they are complied with. Non-compliance may result in remedies available to Siemens including temporary bans or further impositions.

Are there any conditions to handing over E-Waste?

Yes. There are terms and conditions. Eg.

- Hazardous Waste will not be collected
- Only E-Waste shall be collected
- Products should be radiation free
- Products should not pose any hazard to handler or collector

Kindly note that these FAQ give information on the topic; but make no claim to completeness.

Flow chart of E-Waste Channelization

- End user (Product reaches end of life)
- Customer calls up the RLG Toll free number 1800 203 1460 or Siemens' toll-free number mentioned in Siemens website & informs of the equipment details and address for pickup.
- RLG India calls up the Customer to fix up date and time for pickup of e-waste
- RLG India Transporter transports to authorized recycler
- Recycler disposes e-waste as per environment friendly norms
- RLG India provides details to Siemens

RLG Systems India Pvt. Ltd. details

Toll Free Number – 1800 203 1460
E-mail ID : info@cleantogreen.in
Website – www.cleantogreen.in

List of Collection Centers & Collection Points is as per Annexure A

M/s.RLG Systems has been empanelled to collect the cumulative load within 180 days from the date of notice for pick-up by the consumer. The list of collection centres of PRO centres are available in their website www.cleantogreen.in. It is strongly recommended that you visit the website www.cleantogreen.in to reconfirm the updated list of collection centers and collection points.

Should you require any further details, please write to RLG at info@cleantogreen.in

Siemens details

Toll Free Number – 1800 209 1800

E-waste recycling website –
<https://new.siemens.com/in/en/company/investor-relations/business-ethics.html>

E-waste Do's

- Always look for information on the product catalogue for end-of life equipment handling & disposal.
- Always disconnect the battery from the product and ensure that any glass surface is protected against breakage.
- Make sure that your electronic products are disposed through Producer Responsibility Organization. Please call the toll-free number to dispose concerned products that have reached end-of life.

E-Waste Don'ts

- Do not dismantle your electronic products on your own.
- Do not give e-waste to informal and unorganized sectors like Local Scrap Dealers etc.
- Don't dump Electrical and Electronic Products in bins having "Do not Dispose" sign. This symbol on the device or on its packaging indicates that the device (including its electrical accessories) should not be disposed of as normal waste.



ROHS Compliance

RoHS stands for Reduction in Hazardous Substance, which is a mandate by the regulatory enforcement, which is a pre-requisite for a Producer or Manufacturer of a Brand for strict compliance. This is purely to structure the usage of hazardous elements in any electronic or electrical product, basically to eliminate any threat to health and life through their use. The term is purely used to understand the effect of components in the products on the environment.

Annexure – I

List of collection centres:

| S. No | State | City | Vendor Name | Address | Contact Person | Contact No. |
|--------------|-------------------|-------------|-----------------------------------|---|-----------------------|--------------------|
| 1 | Andhra Pradesh | Vijayawada | Countrywide Logistics Service | Do no. 40-11-53 luna center ajith singh nagar, Vijaywada-520015 | Mr. Naresh | 9311414124 |
| 2 | Andhra Pradesh | Anantapur | Lepakshi Agency | Site No.22, SY No. 612-1, Situated 10th ward Residential area,village polam,chilamathur Panchayat,chilamathur Mandal,Anantapur-515331 | Mr. Mahendra | 7981970409 |
| 3 | Arunachal Pradesh | Itanagar | Countrywide Logistics Service | Shop No.1, Near Rupal Hotel,G-Extension Road, Naharlagun Itanagar-791110 | Mr. Shoyed Ahmed | 9811792379 |
| 4 | Bihar | Patna | Countrywide Logistics Service | Tarkeshwar Lane Ali Nagar Colony,Salimpur Ahra, Golambar, Patna Bihar-800001. | Mr. Sahab/Afro z | 9608231065 |
| 5 | Chandigarh | Chandigarh | Countrywide Logistics Service | 1762 bank of india, near Ram darbar, hallomajra, Chandigarh 160002 | Mr. Naresh | 9311414124 |
| 6 | Chattisgarh | Raipur | Countrywide Logistics Service | Shop no.05 khusha bhau thakre complex,Raipur 492001 | Mr. Dinesh | 7024739839 |
| 7 | Gujarat | Ahmedabad | Countrywide Logistics Service | Shope no.12 Umang -7 Society Near Hi Fi Chokdi Narolgam Ahemdabad 382405 | Mr. Arun | 6356422383 |
| 8 | Haryana | Gurugram | Galaxy Logistics Services | Galaxy logistics, Hardev singh market, panch balkriahan(balu) , village-Naharpur kasan, near minda Ricca, pin code:- 122505 | Mr. Rahul | 7668906598 |
| 9 | Himachal Pradesh | Parwanoo | Countrywide Logistics Service | Baal mukand complex plot no 41 sector 2 Parwanoo Solan HP 173220 | Mrs. Seema | 9896933155 |
| 10 | Jammu | Jammu | Countrywide Logistics Service | Shop no 41, sector 11 Nanak Nagar shivaji chowk, Jammu-180004 | Mr. Shoyed Ahmed | 9811792379 |
| 11 | Jharkhand | Ranchi | Countrywide Logistics Service | House no. 2, Shivam Mahal, Sai Colony, Chutia, Ranchi-834001 | Mr. Vikas | 9304214849 |
| 12 | Karnataka | Bangalore | SR Computer | # 77/B, 1st N Block Behind Rajajinagar (near Malabhar Gold & Diamond), West chord road Bangalore-560010 | Mr. Manjunath | 9071192983 |
| 13 | Karnataka | Bangalore | RLG Systems India Private Limited | Shop No.1, Site no.23, Kaveri Nagara, Kodichikkanahalli Main Road, Bommanahalli, Bangalore - 560068 | Mr. Santosh | 9019425994 |
| 14 | Kerala | Kottayam | Eco Friendly Solutions | 6/122A ,parveen avenue,elakkayam jn,erattupetta,kottayam, kerala -686121 | Mr. Azmal | 9645519155 |
| 15 | Kerala | kannur | Eco Friendly Solutions | 12/246pp, madina building valapattanam palam | Mr. Azmal | 9645519155 |

Unrestricted

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| | | | | pappinisseri ,po kannur , kerala -670561 | | |
| 16 | Madhya Pradesh | Indore | Countrywide Logistics Service | G-55 Yashwant Plaza near railway station Indore MP 452001 | Mr. Suraj | 9617102956 |
| 17 | Maharashtra | Mumbai | RLG Systems India Private Limited | C/O E4/1406, Rutu Towers, Off GB Road, Hiranandani Estate, Patlipada, Thane, Maharashtra, 400607 | Mr. Mukesh | 7303085815 |
| 18 | Manipur | Imphal | Countrywide Logistics Service | Wangkhei Ashangbam Leikai. Near museum oil pump. Imphal east. Pin-795005 | Mr. Charnanjiet | 7641030776 |
| 19 | Meghalaya | Shillong | Serendipity Marketing Solutions Pvt. Ltd | C/o Noly War, Umkdait Block, NEIGHRIMS Road, Near St. Claret School, Nongmensong- 793019 | Mr. kitblong | 8132099698 |
| 20 | New Delhi | New Delhi | RLG Systems India Private Limited | 5/121, Situated at Shankar Gali, Main 60 feet Road, Vishwas Nagar, Shahdara, Delhi-110032 | Mr. Maninder | 9717952491 |
| 21 | New Delhi | New Delhi | Z.H. Trading Company | H 73, zaidpur extension part 2, badarpur new dellhi. 110044. | Mr. Atif | 9999836612 |
| 22 | Odisha | Bhubaneswar | Countrywide Logistics Service | Plot No.88, Gautam Nagar, Behind Hotel Shishmo, Second lane, Bhubaneswar 751014 | Mr. Shoyed Ahmed | 9811794147 |
| 23 | Puducherry | Puducherry | Countrywide Logistics Service | No.32, Main Road, Thirumalaivasan Nagar, Moolakulam, Pondichery-605010. | Mr. Shakar/Ravi | 9442539169/8438638844 |
| 24 | Punjab | Ludhiana | Countrywide Logistics Service | Plot No 351, Industrial Area-A, Cheema Chowk Ludhiana-141001 | Mr. Amar | 9045323803 |
| 25 | Punjab | Ludhiana | Ecotronic Solutions | Opp Namdhari Sweets, Khasra No. 24-18-2-5-12-19-7-8-20-0-5-21-2-14, Machiwada Road, Village Rayiyan, Ludhiana, Punjab - 141112 | Mr. Sudharshan | 9940626156 |
| 26 | Rajasthan | Jaipur | Countrywide Logistics Service | Plot no.140 Motilal atal road opp. Polivictory cinema Jaipur RJ 302016 | Mr. Abhishek | 9351108997 |
| 27 | Sikkim | Gangtok | Serendipity Marketing Solutions Pvt. Ltd | Saramsa, Jalipool, Chota Singhtam, East Sikkim , Pin Code-737135 | Mrs. Anjana | 9641562263 |
| 28 | Tamilnadu | Chennai | RLG Systems India Private Limited | 2B/85, MWP 2nd Cross street, KSR Nagar, Ambattur, Chennai , Tamil Nadu - 600053 | Mr. Narasiman | 9551354652 |
| 29 | Tamilnadu | Chennai | S.S. Agency | No,20.pillaiyar koil street ,katchanakuppam, Ambattur chennai-600098 | Mr. Suresh | 9962998253 |
| 30 | Telangana | Hyderabad | Indian Traders | # 2-3 692/1/D/11/A, Durga Nagar, Amberpet, Hyderabad Telengana-500036 | Mr. Mazir | 8179936240 |
| 31 | Telangana | Hyderabad | RLG Systems India Private Limited | Sv . No - 166/167/168 , neeladri nagar, injapur village , Abudullapurmet mandal , RR dist - 501510 | Mr. Sivaram | 9884609858 |

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|----|---------------|----------|-----------------------------------|---|------------|------------|
| 32 | Uttar Pradesh | Noida | S N Global Enterprises | Shop No-10,Lakhmi Bhati market,Sector 142, Noida-201304 | Mr. Chinu | 7906449287 |
| 33 | Uttarakhand | Haridwar | Galaxy Logistics Services | Denso Chowk, Sultanpur Mazari Sidkul Bypass Road, Bahadrbad, Haridwar 249402 | Mr. Rajesh | 8810335500 |
| 34 | West Bengal | Kolkata | RLG Systems India Private Limited | Plot No. CE/1/B/70, Pre-04-0194, Shop-1, Gr. Floor, Aa-I, New Town, Kolkata- 700156 | Mr. Gaurav | 7979764829 |