

metech
RECYCLING
Responsible Electronics Recycling


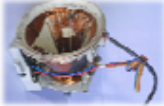

California – Colorado – Massachusetts – Nebraska – Nevada
North Carolina - Utah


Electronics Recycling Terms

- ❑ *E-Waste or Electronic Waste* - Rapidly expanding volume of obsolete computers, printers, fax machines, TVs, and other electronic devices.
- ❑ *Recycling* – The separation and collection of materials for processing and remanufacturing. 
- ❑ *Recycling benefits*
 - Economic benefits – reduced energy costs, reduced mining
 - Environmental benefits – protects natural resources, reduces landfill volume



Electronics Contain Toxic Elements


- ❑ CRTs contain 4 - 12 lbs of lead and account for 40% of all lead in landfills 
- ❑ Computers contain a variety of other toxic metals 
- ❑ E-Waste accounts for 70% of heavy metals in landfills with potential contamination for soil and groundwater
- ❑ Incinerating computer plastics and insulated copper wire generates dangerous toxic emissions 



E-Waste is a Growing Problem



- ❑ According to the UN Environment Program 40 million tons of e-waste are generated worldwide each year
- ❑ EPA estimate – 1.9 million tons of e-waste is landfilled in US annually
- ❑ E-waste is growing 3 times faster than all other waste streams
- ❑ 65 million PCs become obsolete every year in the US
- ❑ Over 500 million obsolete computers and TVs are sitting in home closets, basements, and garages waiting to be recycled



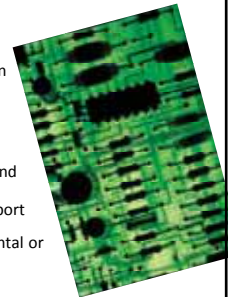
Why Recycle Responsibly?

- ❑ Eliminate the risk of improper disposal
 - As much as 50–80% of US e-waste is exported and dumped in third world countries
 - Low paid workers in those countries extract residual metals in conditions that threaten lives and the environment
- ❑ Reduce data security issues
 - Secure shredding and tracking of and data devices reduces identity theft
 - Business liability reduced



What Can I Do With My E-Waste?

- ⦿ Throw it away...
 - But it is *illegal* for businesses, organizations, and consumers in some areas
- ⦿ Reuse/remarket it...
 - No viable market for obsolete technology
 - Data Security Risks (domestic and abroad)
 - Many collectors for “reuse” export and dump e-waste in countries where there are no environmental or worker protections
- ✓ Responsibly recycle it...
 - Responsible recycling is best overall option for our community and our planet



Why Use a Certified BAN e-Stewards® Recycler?

- ❑ Do you have time to police your recycler?
 - e-Stewards® ensures highest standards are met
- ❑ e-Stewards Standard is global, recognized by EPA, and requires ISO 14001 EMS
- ❑ e-Stewards compliance is verified by 3rd party audits
- ❑ e-Stewards forbids exporting or landfilling hazardous waste and forbids use of prison labor
- ❑ Major corporations and manufacturers support e-Stewards Standard and e-Stewards recyclers
- ❑ **Metech Recycling is a Certified e-Stewards®**



The Myth of “Free” Recycling

- ❑ Ethical recycling requires fees or financial sponsorship or underwriting to cover processing costs
- ❑ “Free” recycling may risk data security or identity theft
- ❑ Free recycling may lead to increased exporting and dumping of e-waste to developing countries
- ❑ Potential revenue and jobs are exported out of our community



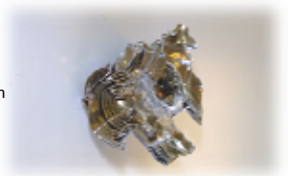
Metech Recycling Services

- ❑ Effortless electronics recycling services for businesses and organizations
- ❑ Pick up and transport services
- ❑ Sensitive information is destroyed and cannot be retrieved
- ❑ Secure tracking
- ❑ Certified destruction
 - Obsolete products
 - Excess inventory



Metech Recycling – Your *Secure* Choice

- ❑ Certified data destruction is the only way to be sure that your company's data, confidential client or patient information, or valuable intellectual property does not fall into the wrong hands.
- ❑ All information storage devices are physically destroyed beyond recovery:
 - hard disks
 - flash drives
 - memory
 - media
 - documentation



Shredded Hard Drive



Metech Recycling – Your *Responsible* Choice

- ❑ Responsible recycler of end-of-life electronics for over 40 years
 - Provider of secure data destruction and documentation
 - Founder Basel Action Network (BAN) e-Stewards®
 - National leader with locations across the country
- ❑ Operates company-owned CRT processing plant



Trusted by Industry and Government

- ❑ Industry award winner including CDPHE Gold Leadership
- ❑ CSIA Greenovation Award
- ❑ Manufacturer Take Back programs for:
 - Sony Electronics Take Back Recycling Program
 - MRM - an organization founded by Panasonic, Sharp and Toshiba
 - ASUS
- ❑ State of Utah contract
- ❑ State of Connecticut approved Covered Electronics Recycler (CER)





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