



Indiana's E-Waste Requirements



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Outline

- E-waste storage & processing facility requirements
 - 329 IAC 16
- Indiana E-Cycle
 - IC 13-20.5



Indiana E-Waste Storage & Processing Facilities

- Office of Land Quality (OLQ) rules: 329 IAC 16
- A site is subject to this rule if:
 - collecting and storing more than 23 tons (46,000 pounds) of e-waste in a building or lockable trailer; and
 - collecting e-waste that is not removed from the site within 5 business days, to a registered or permitted facility.



Indiana E-Waste Storage & Processing Facilities

- Exempt from rule:
 - Brokers not taking possession of the e-waste.
 - Electronic device refurbishing or retailers of refurbished electronics.
 - Facilities that:
 - hold a valid permit under 329 IAC 3.1 (hazardous waste), 329 IAC 10 (solid waste land disposal), or 329 IAC 11 (solid waste processing); and
 - process and store the e-waste according to those permit requirements.



Indiana E-Waste Storage & Processing Facilities

- Exempt from rule (continued):
 - Any storage or processing that takes place where the e-waste is generated, including households and conditionally exempt small quantity hazardous waste generators.
 - Hazardous waste generators, other than conditionally exempt small quantity hazardous waste generators, are exempt from this article but in order to be exempt must comply with certain requirements.



Indiana E-Waste Storage & Processing Facilities Compliance

1. Submit registration paperwork and surety bond documentation to IDEM's OLQ.
 - Forms available on IDEM's website.
 - Surety bond (financial responsibility) must be obtained equivalent to the maximum amount of e-waste that will be stored on-site at any one time times \$200.
 - 23 tons x \$200 = \$4,600



Indiana E-Waste Storage & Processing Facilities Compliance

3. Inspections

- Inspector will visit facility one year after registration to ensure that 329 IAC 16 is being complied with, or sooner if necessary.



Indiana E-Waste Storage & Processing Facilities Compliance

4. Closure

- The owner, operator, or registrant must notify the commissioner at least 14 days before the date when the registered facility permanently ceases accepting e-waste.
- All e-waste and electronic debris must be removed from the building, land, containers, and vehicles, and disposed of according to 329 IAC 16-9-1 within 60 days of the registered facility no longer accepting e-waste.



- Indiana Code (IC) 13-20.5
- Signed into law May 13, 2009
 - Effective July 1, 2009
- Manufacturers, collectors, recyclers, retailers, households, small businesses, and public schools
- Extended producer responsibility (EPR) program
 - 60% recycling obligation based on sales





- **Manufacturers**

- Annual registration and reporting requirements for manufacturers that sell video display devices (TVs, computer monitors, laptops, netbooks, notebooks, tablets, and/or e-readers with screen sizes of at least 4” to Indiana households.
- Subject to a financial penalty (variable recycling fee) if they do not meet their recycling obligation.



Covered Electronic Devices (CEDs)

- Televisions
- Computer monitors
- Computers (including desktops, laptops, and tablets)
- E-readers
- Fax machines
- Peripherals (including keyboards, mice, external hard drives, printers, all-in-one printer/scanner/copiers, projectors, and any other devices that are sold exclusively for external use with a computer and provide input into or output from a computer)
- DVD players (including gaming systems that are able to play DVDs)
- Digital photo frames
- Digital media players
- iPods/MP3 players
- Camcorders/cameras
- DVR/TiVo devices (including cable boxes and satellite boxes, but not satellite dishes)
- Portable GPS navigation systems



- Collectors and Recyclers

- Collect CEDs from Indiana households, small businesses, and public schools on behalf of manufacturers.
- Demanufacture CEDs and separate into commodities for recycling into new products.
- Must be registered with program if working on behalf of a manufacturer.



- Retailers

- A retailer that sells new video display devices shall provide information to households that:
 - Describes where and how households may recycle video display devices and advises households of opportunities and locations for the convenient collection of video display devices for recycling.
- IDEM's contact information or website address.

Electronics recycling information:
<http://www.in.gov/idem/recycle/2377.htm>

MONTHLY
\$1500
GIFTCARD



PLUS 6
Instant
winners!



- Households, small businesses, and public schools (covered entities)
 - Source of covered electronic devices.
 - Disposal prohibition.



- Disposal prohibition:

- After 2010, a covered entity may not knowingly do any of the following:
 - Mix or allow the mixing of a covered electronic device or any other computer, computer monitor, printer, or television with municipal waste that is intended for disposal at a landfill.
 - Mix or allow the mixing of a covered electronic device or any other computer, computer monitor, printer, or television with any waste that is intended for disposal by burning or incineration.



Contact Information

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