

# A comparison of three electronics recycling standards

## e-Stewards



The e-Stewards international standard, combined with ISO 14001, held by the environmental community and written in conjunction with industry leaders, health and safety, and technical experts.

## R2

The “Responsible Recycling” Practices standard written and finalized in a multi-stakeholder process (without environmental groups), and funded by the US EPA.

## ISRI’s RIOS (with R2)



The Institute of Scrap Recycling Industries (a trade association) has developed its own Recycling Industry Operating Standard (RIOS) and have decided to combine it with R2

Will the e-waste standard...	e-Stewards	R2	RIOS+R2
Ban the export of toxic e-waste to developing countries?	✓		
Keep toxics out of landfills & incinerators?	✓		
Requires ISO 14001 (EMS) certification?	✓		
Require accountability for toxics all the way to final processing?	✓		
Disallow untested or non-working equipment to be exported for “refurbishment”	✓		
Implement compliance with international laws & definitions?	✓		
Covers household appliances, toys, tools, etc..	✓		✓
Ensure worker protection through semi-annual sampling of contaminants/worker exposure?	✓		
Prohibit the shredding of mercury-containing devices?	✓		
Prohibit the use of prisoners for e-waste recycling?	✓		✓
Ensure 100% of equipment going for reuse isn’t junk?	✓		
Be independent of industry pressure to lower standards?	✓		
Define best to least desirable solutions for e-waste?	✓	✓	
Provide independent certification by accredited certifying bodies?	✓	✓	✓

# The Report Card

When is  
“Responsible”  
really  
Responsible?

## Basel Action Network

122 S. Jackson St., Ste. 320

Seattle, WA. 98104 USA

Phone: 206.652.5555

Fax: 206.652.5750

Email: [inform@ban.org](mailto:inform@ban.org)

Website: [www.e-stewards.org](http://www.e-stewards.org)

***A Comparison of 3 Electronics  
Recycling Standards***