

CANADA-WIDE PRINCIPLES FOR ELECTRONICS PRODUCT STEWARDSHIP: RECOMMENDED E-WASTE PRODUCTS

Preamble

The management of used electrical and electronics equipment (e-waste) is rapidly becoming a major public policy issue in Canada and elsewhere around the world. Environmental concerns relate to the potentially hazardous nature of some of the materials these products contain and the increasingly large quantity of these products that require disposal in waste management systems. E-waste may contain lead, cadmium, mercury, and other potentially hazardous materials.

In June 2004, the Canadian Council of Ministers of the Environment (CCME) endorsed Canada-wide principles for electronics product stewardship. The objective of these Canada-wide principles is to assist and support jurisdictions in the development of e-waste programs. While recognizing differences in the legislative/regulatory framework and existing programs among jurisdictions, CCME encourages regional or national cooperation in the development of e-waste programs.

In support of the principle that adjacent jurisdictions will strive for consistency in e-waste products collected, CCME is providing the attached e-waste product lists. The first list includes those “common” products recommended for management under e-waste programs. The “common” list includes information technology, audio-visual and communications equipment which are most likely to contain toxic and hazardous substances, and whose life span as well as rate of production and distribution and the general lack of appropriate environmental management systems call for a priority management approach. The second list is a compilation of other electrical products including small and large household appliances, tools and monitoring equipment, recommended for “consideration” under e-waste management programs in addition to the priority items to be addressed.

This two-list approach also rests on the recognition that for the most part products listed under each list relate to different categories of producers and therefore may call for different program timing.

It is anticipated that the lists may be revised from time to time to reflect changing priorities, new information, the development of stewardship programs and the introduction of new electronic devices into the Canadian market. Specific measures undertaken by each jurisdiction and their timing will be at their discretion, with the goal of effective, efficient, and harmonized implementation.

CCME Product List

CCME LISTS

Product Category	Product	Common	Consideration
ELECTRONICS			
1. Computer and Electronic Products			
Personal computing:	Personal computers (CPU, mouse, screen and keyboard included)	x	
	Laptop computers (CPU, mouse, screen and keyboard included)	x	
Peripherals	Keyboards,	x	
	Mouse devices	x	
	Monitors (CRT)	x	
	Flat panel displays (i.e., complete units), computer peripheral equipment	x	
	LCD (liquid crystal display) unit screens	x	
	Joysticks		x
	Bar code scanners	x	
	Disk drives	x	
	DVD (digital video disc) drives	x	
	CD-ROM drives	x	
	Personal computer modems	x	
	Other peripheral equipment and components	x	
Small Computers	Notebook computers	x	
	Hand-held computers (e.g., PDA's)	x	
Printers	Printers	x	
	Printers including fax and copying devices	x	
	Telex Machines		x
Other computer / electronics:	Copying equipment		x
	Electrical and electronic typewriters		x
	Pocket and desk calculators		x
	Closed circuit television equipment		x
	GPS (global positioning system) equipment		x
	Other Navigational Equipment		x
	Digital cameras		x
	Cathode ray picture tubes (CRTs)	x	
	Replacement parts, electronic		x
	Optical readers and scanners		x
	Overhead projectors, computer peripheral-type		x
	Pointing devices,		x
	Point-of-sale (POS) terminals		x
	Routers		x
	Portable hard drives		x
	MP3 players		x
	Wireless components		x
	Other computer peripherals		x
2. Audio and Video Equipment			
Radios	Radios, (household-type portable, plug in (AM/FM))	x	
Television sets	Cathode Ray Tube (CRT) Televisions	x	
	Television sets (<23")	x	

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Product Category	Product	Common	Consideration
	Television sets (23" to 29")	x	
	Television sets (>29")	x	
	Rear Projection TVs	x	
	Liquid Crystal Display (LCD) Televisions	x	
	Plasma Televisions	x	
	Combination TV/VCRs	x	
Video	Video cameras, (household-type)		x
	Camcorders		x
	VCR (video cassette recorders)	x	
Receiver	Antennas, satellite receivers		x
	Decoder		x
	Other digital signal receivers		x
Amplifiers stereos	Amplifiers (e.g., auto, home, musical instrument, public address)	x	
	Amplifiers, speakers and related sound equipment	x	
Stereo Systems	Speaker systems	x	
	Home stereo systems	x	
	Home theatre audio and video equipment	x	
	Hi-fi recorders	x	
Musical Instruments	Musical instruments		x
	And other products or equipment for the purpose of recording or reproducing sound or images, including signals or other technologies for the distribution of sound and image other than by telecommunications		x
Audio/Video	Compact disc players (e.g., automotive, household-type)	x	
	DVD (digital video disc) players	x	
	Cassette players, recorders	x	
	Turntables/Record Players	x	
Other	Head phones		x
	Remote control units (e.g., garage door, television)		x
3. Communications Equipment			
Telephones & Accessories	Telephones (except cellular telephones)	x	
	Cordless telephones (except cellular)	x	
	Cellular telephones	x	
	Telephone answering machines	x	
	Telephone equipment and apparatus		x
Fax	Facsimile equipment, stand-alone,	x	
Communications	Communication equipment, electronic		x
	Microphones		x
	Public address systems and equipment		x
	Intercom systems and equipment		x
Radios	CB (citizens' band) radios		x
	Amateur radio communications equipment		x
	Walkie-Talkies		x
Other:	Pagers		x
4. Leisure			

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Product Category	Product	Common	Consideration
Toys	Electric trains or car racing sets		x
Video Games	Hand-held video game consoles		x
	Video games		x
	Electronic T.V. game consoles		x
Other	Computers for biking, diving, running, rowing, etc.		x
	Sports equipment with electric or electronic components		x
	Coin slot machines		x
	Fish-finders		x
ELECTRICAL EQUIPMENT			
5. Small Household appliances			
Cooking appliances:	Microwave ovens		x
	Electric knives		x
	Toasters		x
	Fryers		x
	Coffee machines, grinders,		x
	Kettles		x
	Blenders		x
	Mixers		x
	Toaster ovens		x
	Electric grills (various)		x
	Electric stoves		x
	Electric hot plates		x
	Food Processors		x
	Water purifiers		x
	Can openers		x
	Other large appliances used for cooking and other processing of food		x
Cooling Appliances:	Compact Refrigerators		x
	Other large appliances used for refrigeration, conservation and storage of food		x
Area Cooling	Electric fans		x
	Air-conditioners, window-type		x
	Other fanning, exhaust ventilation and conditioning equipment		x
Clothes upkeep	Irons and other appliances for the care of clothing		x
Cleaning	Vacuum cleaners		x
	Carpet sweepers		x
	Other appliances for cleaning		x
Beauty / Personal Care	Appliances for hair cutting		x
	Appliances for hair drying		x
	Appliances for shaving; razors		x
	Electric toothbrushes		x
	Electric massagers		x
	Electric Heating pads		x
	Appliances, beauty care products		x
	Scales		x
	Other personal care appliances		x

CCME Product List

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Product Category	Product	Common	Consideration
Clocks	Clocks		x
	Clock radios		x
Sewing	Appliances used for sewing, knitting, weaving		x
Heating	Electric heating appliances		x
	Electric radiators		x
	Other large appliances for heating rooms, beds, seating furniture		x
Other	Humidifiers and dehumidifiers, portable		x
6. Large Household appliances			
Cooking appliances:	Ovens		x
Dish Washing	Dish washing machines		x
Cooling Appliances:	Large Refrigerators		x
	Freezers		x
Clothes upkeep	Washing machines		x
	Clothes dryers		x
7. Electrical and Electronic Tools			
Power Tools	Drills		x
	Saws		x
	Equipment for turning, milling, sanding, grinding, sawing, cutting, shearing, drilling, making holes, punching,		x
	Equipment for folding, bending or similar processing of wood, metal and other materials		x
	Tools for riveting, nailing or screwing or removing rivets, nails, screws or similar uses		x
8. Monitoring Equipment			
Smoke detector	Smoke detectors		x
	Fire detection and alarm systems		x
Heating regulators	Temperature controls, automatic, residential and commercial type		x
	Thermostats (e.g., air-conditioning, appliance, comfort heating, refrigeration)		x
	Automatic environmental controls and regulators (e.g., heating, air-conditioning, refrigeration)		x
	Measuring, weighing or adjusting appliances for household or as laboratory equipment		x
	Other monitoring and control instruments used in industrial installations (e.g. in control panels)		x
Alarms (except fire)	Alarm systems and equipment		x
Other	Humidistats (e.g., duct, skeleton, wall)		x
	Meteorological instruments		x
	Meters (except electrical and industrial process control), manufacturing		x