



## Basel Convention Coordinating Center for Asia and the Pacific

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### Questionnaire Survey on Criteria to Distinguish Wastes from Second-hand Goods, and Second-hand Goods from Brand New Goods

At the Regional Workshop on Prevention of Illegal Transboundary Movement of Hazardous Wastes held in Beijing, China, March 2007, participants shared a perception that illegal traffic of hazardous waste, especially E-waste, partly attributed to lack of mutual understanding among Asian countries regarding concept of “reusable” or “hazardousness”.

Mr. Junya KIKUHARA, EX Corporation, kindly help BCRC China to develop the questionnaire as annex 2 together with the document on how to answer the questionnaire as annex 1 (Electronic version is available on the website of BCRC China). This questionnaire is aimed at gathering information regarding criteria of each country for distinguishing waste from secondhand goods and secondhand goods from brand new if your country ban all importation of the second-hand EEE or e-wastes for the purpose of import and export control. The target items are the following electrical and electronic equipment (EEE), which potentially poses risks on human health and the environment unless managed in an environmentally sound manner.

- Television (Cathode-ray tube (CRT) & Liquid Crystal Display (LCD))
- Air conditioner
- Refrigerator
- Washing machine
- PC (Desk top & Laptop)
- Mobile phone

Besides to the importing regulation, please specify exporting regulation on certain item, if any and the type of regulation (banned or written permission required) and the procedure of obtaining permission for the export and the applicable national law etc. You can find the example of the exporting regulation in EU Commission Regulation No 1418/2007 Annex1.

Some information needs to be obtained from relevant organizations in your country, thus your coordination would be highly appreciated. It would be appreciated if you could kindly answer all the questions and then send it back to us by March 31, 2008. If you have any concerns or questions about questionnaire, please feel free to contact us.

Dr. Jinhui Li  
Executive secretary, BCRC China  
Department of Environmental Science and Engineering,

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1 <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2007:316:0006:0052:EN:PDF>

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## **Annex 1:**

### **How to answer the questionnaire**

The questionnaire consists of the following two parts.

Part I - Criteria for Distinguishing Waste EEE from Secondhand (Reusable) EEE

as well as Secondhand EEE from brand new EEE for the Purpose of Import

Control

Part II - Criteria for Identification of Hazardous Properties contained in WEEE for the Purpose of Import Control

For the Part I, describe common practices conducted by seaport or custom authorities for distinguishing WEEE from secondhand (reusable) EEE as well as secondhand EEE from brand new EEE. In addition to this, please specify any exporting criteria and its procedure requirement for export permission.

For the Part II, describe how your country identifies hazardous substances contained in WEEE. Note that the targeted objectives of this questionnaire are EEE or WEEE to be imported into your country.

Please refer to instruction shown in the next page regarding the way to fill out the questionnaire.

Identification method	Factors to be considered	Example of answer	Criteria applicable all type of EEE	Criteria applicable for specific items		Reference
				TV		
				CRT	LCD	
Visual inspection	Physical damage	Typical appearance of defect items <u>Example</u> <ul style="list-style-type: none"> <li>➤ Essential parts are missing (e.g., cables being cut off)</li> <li>➤ Broken, worn, cracked, scratched etc</li> </ul>				
	Packaging condition	Typical poor packaging condition that its contents are considered as waste <u>Example</u> <ul style="list-style-type: none"> <li>➤ No packaging</li> <li>➤ Cannot support the weight of items</li> <li>➤ Worn-out or torn</li> <li>➤ Cannot protect items from damage</li> </ul>				
	Others	<i>If any, describe other typical appearance of items considered as WEEE</i>				

**Step1.** Check if “identification method” and “factors to be considered” match with distinguishing criteria in your country. You can leave the cell blank if custom or seaport authorities in your country do not pay attention to the factors listed in the tables. If any other factors are additionally considered under given identification methods, please describe it in the row titled “Others”.

**Step2.** Describe common distinguishing practice of your country by following instruction of “Example of the answer”. If criteria are applicable to all the type of EEE, describe it at the line titled “Criteria applicable all type of EEE”. If you set the criteria only applicable to the specific items, describe it in the line of the according EEE (e.g., CRT or LCD of TV etc.)

**Step3.** If distinguishing criteria are specified by the national legislation or guideline in your country, describe its title in the line of “Reference” with their URL if available. If only available by hard copy, please send it to BCRC-China.

**Annex 2:**

**Part I. Criteria for Distinguishing Waste EEE from Secondhand (Reusable) EEE for the Purpose of Import Control**

(i) **Note: This is also aimed for collecting information on Criteria for Distinguishing Secondhand EEE from brand new EEE. So specify if your country ban all importation of the second-hand EEE.**

Identification method	Factors to be considered	Example of answer	Criteria applicable to all type of EEE	Criteria applicable to specific items						Reference	
				TV		Air con	Refrig	Washing machine	PC		
				CRT	LCD				Desktop		Laptop
Visual inspection	Physical damage	<p><b>Typical appearance of defect items</b></p> <p><u>Example</u></p> <ul style="list-style-type: none"> <li>➤ Essential parts are missing (e.g., cables being cut off)</li> <li>➤ Broken, worn, cracked, scratched etc</li> </ul>									
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	Others	<p><i>If any, describe other typical appearance of items considered as WEEE</i></p>									
Document check	Years after being manufactured.	<p>Years after being manufactured considered as obsolete or unmarketable</p> <p><u>Example</u></p> <ul style="list-style-type: none"> <li>➤ 3 years for TV</li> </ul>									

Identification method	Factors to be considered	Example of answer	Criteria applicable to all type of EEE	Criteria applicable to specific items						Reference	
				TV		Air con	Refrig	Washing machine	PC		
				CRT	LCD				Desktop		Laptop
	Model or technical specification	<p>Technical specification or model considered as obsolete (or inappropriate) in your country</p> <p><b>Example</b></p> <ul style="list-style-type: none"> <li>➤ Monochrome TV</li> <li>➤ Computer with Pentium II</li> <li>➤ Refrigerator using CFCs</li> </ul>									
	Record of functionality test or pre-inspection at the country of origin	<p>Contents of record required (or recommended) to be included</p> <p><b>Example</b></p> <ul style="list-style-type: none"> <li>➤ Kind of functionality test performed</li> <li>➤ Result of test or pre-inspection</li> <li>➤ Name of company responsible for evidence of functionality</li> </ul> <p><i>If your country designates or authorizes organization at the country of origin conducting functionality test or pre-shipment inspection, provide information</i></p>									
	Information of secondhand shops	<p>Information that guarantees imported items to be sold for reuse purpose</p> <p><b>Example</b></p> <ul style="list-style-type: none"> <li>➤ Copy of invoice or contract relating sales or transfer of ownership</li> <li>➤ Letter by the owner of shop</li> </ul>									
	Labeling or signs	<p>Labels or signs required (or recommended) being put on items or containers for identification</p> <p><b>Example</b></p> <ul style="list-style-type: none"> <li>➤ Serial number of items in a container</li> </ul>									

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				TV		Air con	Refrig	Washing machine	PC		
				CRT	LCD				Desktop	Laptop	
	Others	<p><i>If any, describe other information your country requires (or recommends) being included in attached information document.</i></p> <p><b>Example</b></p> <ul style="list-style-type: none"> <li>➤ Photos of items contained in a container</li> </ul>									
Simple testing at seaport	Function loss	<p>Functions to be tested and its testing method conducted on site to identify waste.</p> <p><b>Example</b></p> <ul style="list-style-type: none"> <li>➤ Power up test</li> <li>➤ Check of functioning of motherboard (PC)</li> <li>➤ Check of internal set up routine (PC)</li> </ul>									
Others	—	<p><i>If any, describe any other factors to be considered for distinguishing WEEE from reusable EEE</i></p>									

**Please specify any exporting criteria and its procedure requirement for export permission.**

Items under exporting regulation and the condition, if any	Type of regulation (banned, or requiring written notification, permission or consent from country of origin or importing country)	Procedure requirement for obtaining permission	Applicable law or other regulation

**Part II. Criteria for Identification of Hazardous substances contained in WEEE for the Purpose of Import Control**

	Example of answer	Criteria applicable to all type of EEE	Criteria applicable to specific items						Reference	
			TV		Air con	Refrig	Washing machine	PC		
			CRT	LCD				Desktop		Laptop
(1) Controlled hazardous / toxic chemical substances	<p>Hazardous substances contained in WEEE actually controlled as hazardous or toxic.</p> <p><b>Example</b></p> <ul style="list-style-type: none"> <li>➤ Lead</li> <li>➤ Cadmium</li> <li>➤ Mercury</li> <li>➤ PCB</li> </ul>									
(2) Analysis methodology	<p>Analysis methodology commonly used for identification of hazardous substances contained in WEEE.</p> <p><b>Example</b></p> <ul style="list-style-type: none"> <li>➤ TCLP (Toxicity Characteristic Leaching Procedure)</li> <li>➤ TTLC (Total Threshold Limit Concentration)</li> <li>➤ STLC (Soluble Threshold Limit Concentration)</li> </ul>									
(3) Criteria for hazardous characteristics	<p>Criteria for judging WEEE contains substantial hazardous substances answered in (1) based on the analysis methodology answered in (2)</p> <p><b>Example</b></p> <p><i>(In case of lead)</i></p> <ul style="list-style-type: none"> <li>➤ 5.0mg/l (TCLP)</li> <li>➤ 1,000mg/kg (TTLC)</li> <li>➤ 5mg/l (STLC)</li> </ul>									



	Example of answer	Criteria applicable to all type of EEE	Criteria applicable to specific items							Reference
			TV		Air con	Refrig	Washing machine	PC		
			CRT	LCD				Desktop	Laptop	
(4) Sampling	<p>Parts or components actually sampled for testing hazardous substances.</p> <p><u>Example</u></p> <ul style="list-style-type: none"> <li>➤ Batteries</li> <li>➤ Accumulators</li> <li>➤ Switches</li> <li>➤ Capacitors</li> <li>➤ Glasses</li> </ul>									
(5) Laboratory	<p>If your country has laboratories for testing hazardous properties contained WEEE, provide relevant information.</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Name</li> <li><input type="checkbox"/> Address and contact info</li> <li><input type="checkbox"/> Tested items</li> <li><input type="checkbox"/> Testing method</li> <li><input type="checkbox"/> Approval (or licensing) by government</li> </ul>									

## **How to answer the questionnaire**

The questionnaire consists of the following two parts.

Part I - Criteria for Distinguishing Waste EEE from Secondhand (Reusable) EEE as well as Secondhand EEE from brand new EEE for the Purpose of Import Control

Part II - Criteria for Identification of Hazardous Properties contained in WEEE for the Purpose of Import Control

For the Part I, describe common practices conducted by seaport or custom authorities for distinguishing WEEE from secondhand (reusable) EEE as well as secondhand EEE from brand new EEE. In addition to this, please specify any exporting criteria and its procedure requirement for export permission.

For the Part II, describe how your country identifies hazardous substances contained in WEEE. Note that the targeted objectives of this questionnaire are EEE or WEEE to be imported into your country.

Please refer to instruction shown in the next page regarding the way to fill out the questionnaire.

Identification method	Factors to be considered	Example of answer	Criteria applicable all type of EEE	Criteria applicable for specific items		Reference
				CRT	LCD	
Visual inspection	Physical damage	<p>Typical appearance of defect items</p> <p>Example</p> <ul style="list-style-type: none"> <li>➤ Essential parts are missing (e.g., cables being cut off)</li> <li>➤ Broken, worn, cracked, scratched etc</li> </ul>				
	Packaging condition	<p>Typical poor packaging condition that its contents are considered as waste</p> <p>Example</p> <ul style="list-style-type: none"> <li>➤ No packaging</li> <li>➤ Cannot support the weight of items</li> <li>➤ Worn-out or torn</li> <li>➤ Cannot protect items from damage</li> </ul>				
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**Annex 2:**

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	Record of functionality test or pre-inspection at the country of origin	<p>Contents of record required (or recommended) to be included</p> <p><u>Example</u></p> <ul style="list-style-type: none"> <li>➤ Kind of functionality test performed</li> <li>➤ Result of test or pre-inspection</li> <li>➤ Name of company responsible for evidence of functionality</li> </ul> <p><i>If your country designates or authorizes organization at the country of origin conducting functionality test or pre-shipment inspection, provide information</i></p>									
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**Part II. Criteria for Identification of Hazardous substances contained in WEEE for the Purpose of Import Control**

	Example of answer	Criteria applicable to all type of EEE	Criteria applicable to specific items						Reference	
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(5) Laboratory	<p>If your country has laboratories for testing hazardous properties contained WEEE, provide relevant information.</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Name</li> <li><input type="checkbox"/> Address and contact info</li> <li><input type="checkbox"/> Tested items</li> <li><input type="checkbox"/> Testing method</li> <li><input type="checkbox"/> Approval (or licensing) by government</li> </ul>									