

Control of Transboundary Movement of Hazardous Waste and Electronic Waste in Singapore

Workshop of the Asian Network for the Prevention of Illegal Transboundary Movement of Hazardous Wastes

28 – 30 Jan 2008



Introduction

- **Singapore acceded to the Basel Convention on 2 Jan 96.**
- **The “Hazardous Waste (Control of Export, Import and Transit)” Act and its Regulations was enacted on 16 Mar 98 to strengthen the implementation of the Basel requirements.**

Control of HW

- The HWA follows closely the definition of hazardous wastes within the Basel Convention.
- A Basel permit from PCD is required for any person who wishes to export, import and transit hazardous waste. (PCD adopts the PIC procedure of the Basel Convention)

Control of HW

- **Export of hazardous waste for final disposal is not allowed unless there are no facilities within Singapore that can treat the waste in an environmentally safe and sound manner.**
- **Import of hazardous waste for final disposal is not allowed.**
- **Import of hazardous waste for recycling is considered on a case by case basis, depending on factors like availability of treatment facilities and recycling rate.**

Import and Export

- In 2006, there was a total of 28 export notifications and 8 import notifications
- There was one case of illegal import of lead plates from lead acid batteries from Tamatave, Madagascar to Singapore.
- The company was prosecuted and the container was returned to Madagascar.

Control of E-Waste

Basel Convention

Basel Convention

- **Electrical and electronic scrap, including computers, are hazardous wastes, -**
 - **if they contain heavy metals or toxic compounds in quantities that render them hazardous**
- **No specific limits for heavy metals and toxic compounds**
- **Parties adopt own criteria and guidelines**

Current Situation in Singapore

- **Used electrical and electronic appliances are classified as hazardous wastes if –**
 - **They are not in working order**
 - **Cannot be reused**
- **2nd hand appliances in working condition and meant for reuse are not classified as hazardous wastes**

Guidelines Adopted

- Allow import/export of second hand electronic and electrical appliances, if there are documents to support appliances are –
 - In working condition;
 - Suitable for reuse
- Prohibit export of used electronic and electrical appliances that are not suitable for re-use
- Prohibit import of used electronic and electrical appliances for the purpose of dismantling and re-export of the dismantled components

E-waste Recyclers in Singapore

- **5 e-waste recycling plants in Singapore**
 - **M/s Centillion Environment & Recycling Ltd**
 - **M/s Cimelia Resource Recovery Pte Ltd**
 - **M/s SPM Recycling Pte Ltd**
 - **M/s Advance SCT Ltd**
 - **M/s TES-AMM Singapore Pte Ltd**

Tradenet Controls

- Work in progress to control import/export of used electronic and electrical appliances (including second hand electronic and electrical appliances) through TRADENET system

(Under TRADENET control system, all declarations for import/export of used electronic and electrical appliances will be routed to NEA for processing and clearance)

TRADENET APPROVAL PROCESS



Declaring agent



Submission through
TradeNet



PCD vets through
application.

Approves application



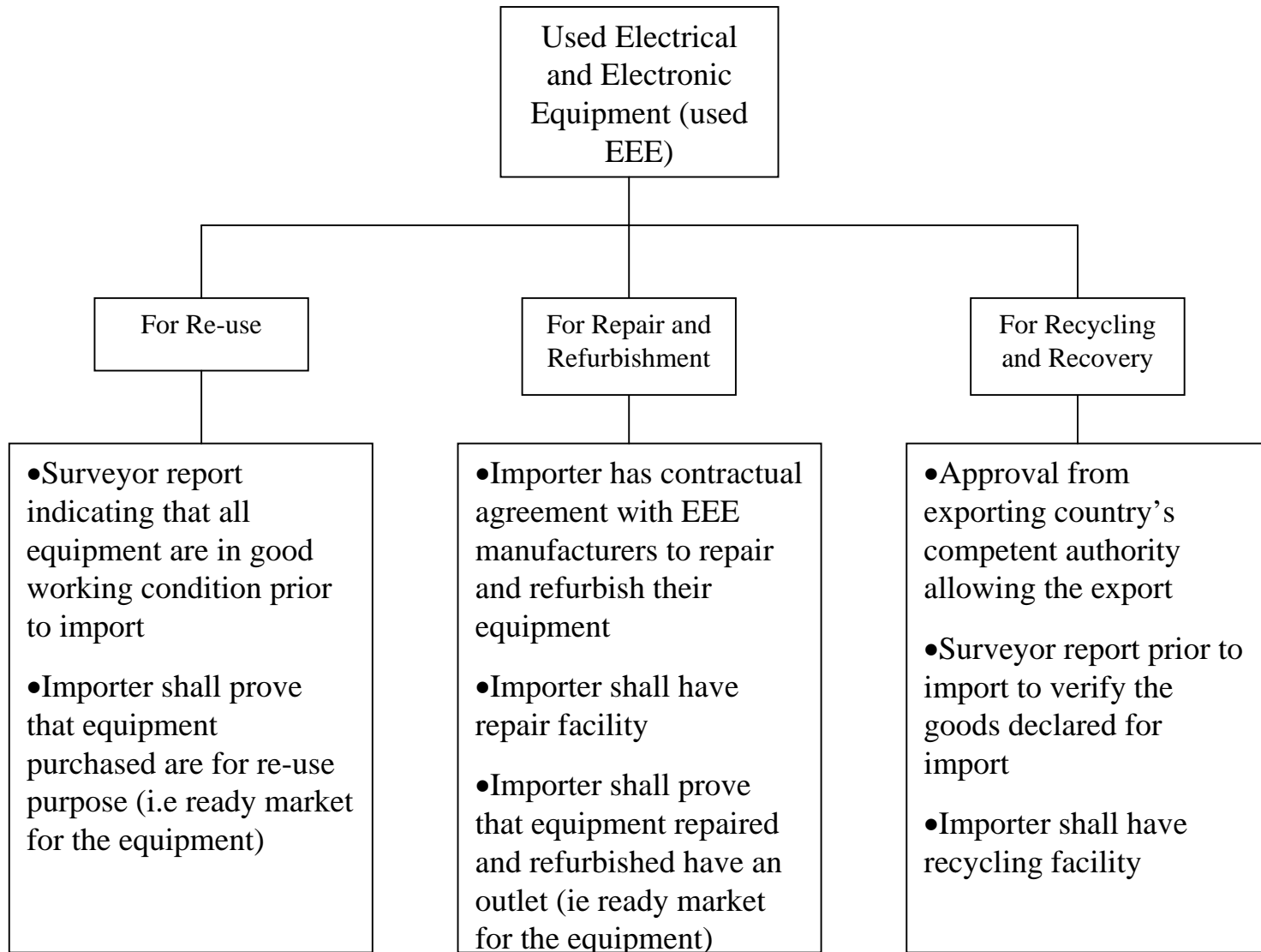
Customs vets
application at its side.



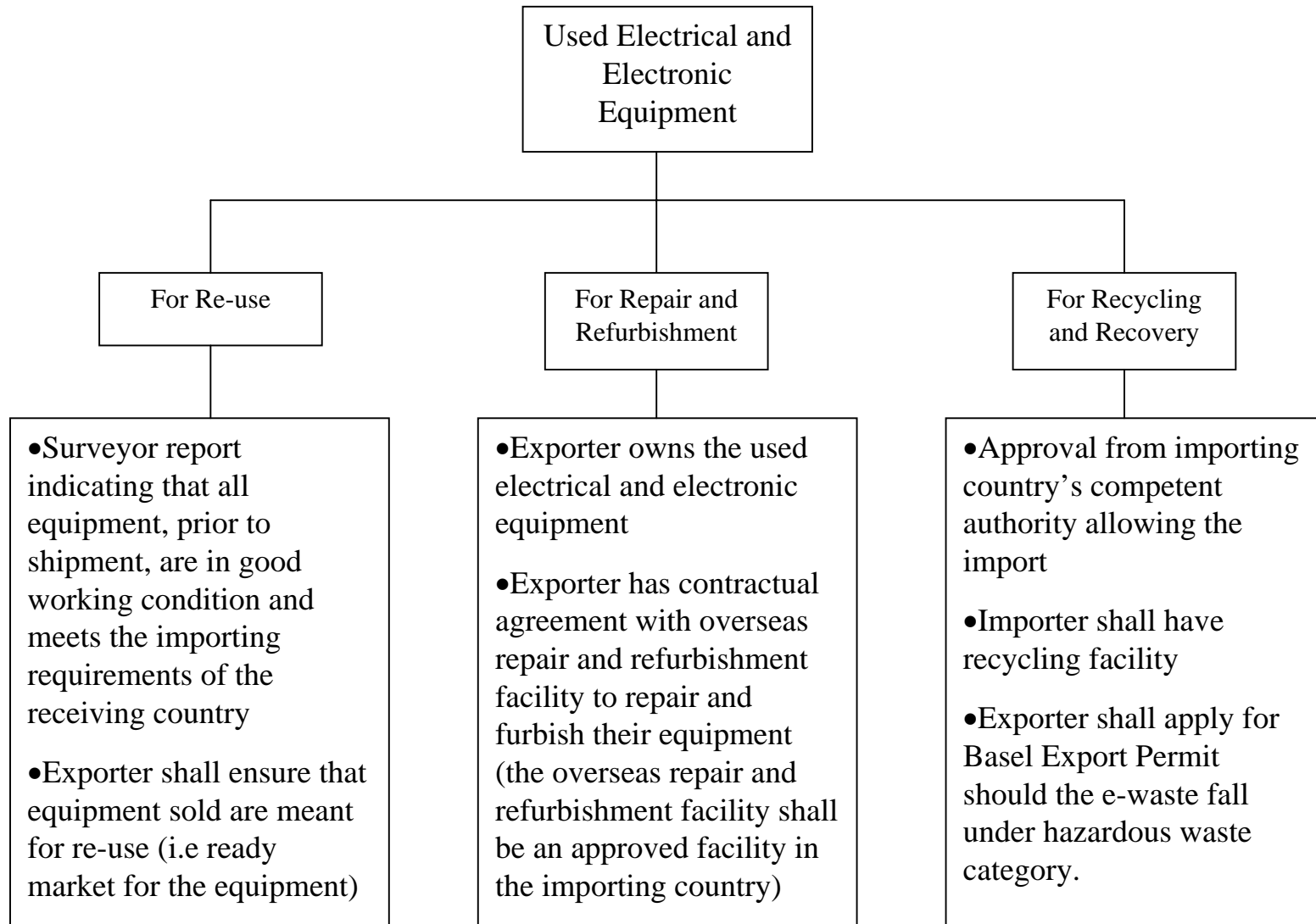
Third-Party Certification / PIC

- **Third-party surveyor certification is required for import of second hand electronic and electrical appliances**
- **PIC from importing/ exporting country required for import/export of electronic and electrical appliances that are not suitable for reuse and are meant for recycling/recovery**

Import Requirements



Export Requirements



Thank You

