



Control Measures for Used Electrical and Electronic Equipments including their Parts

Department of Industrial Works, Ministry of industry
and
Pollution Control Department,
Ministry of Natural Resources and Environment



Presentation Outlines

- ◆ Problems and Constrains
- ◆ Measure to Control the Import of Used Electrical and Electronic Equipments including their Parts/Components
- ◆ Cooperative Program with Customs, Port and Shipping Agents



Identified Problems

- ◆ Uncontrolled import of used electrical and electronic equipments or poor quality electrical and electronic products
- ◆ Poor dismantling operations
- ◆ Less awareness



Illegal import





Poor facilities



Import Control

- ◆ Some EEE Products which are put on Thai market (both import and manufacture in the country) have to be certified by the third parties to guarantee that such products meet with the TISI standard in accordance with the Industrial Product Standard Act B.E. 2511, and amended in B.E. 2535
- ◆ Currently, there are more than 30 types of EEE products that have been controlled by TISI standard, such as lamp, fuse, electric wire, starter, ballast, iron, fan, pot, washing machine, cloth dryer, air conditioner, etc.



Import Control

- ◆ Ministry of Industry decided to define used electrical and electronic equipments (used EEE) and their parts/components as the Hazardous Substance Type III, pursuant to the Hazardous substance Act 1992, for only import controlling.
- ◆ Department of Industrial Works issued the new regulation for the import control of the used EEE & its parts/components
- ◆ **29 items** of used EEE are required the import permission from DIW
- ◆ Import of used EEE is allowed only for activities of resale, reuse, repair/refurbish as it original purposes, disassembly and recycle/recovery with different conditions as well as only from Parties to the Basel Convention.

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Import Control

- ◆ **29 Items are:**
 - Radio
 - Tape-recorder player
 - Video player
 - VCD player
 - DVD Player
 - TV
 - Refrigerator
 - Air conditioner
 - Washing machine
 - Cloth dyer
 - Dry-cleaner machine
 - Rice cooker
 - Electric pot
 - Microwave
 - Electric oven
 - Electric fan
 - Water cooler
 - Hair dryer
 - Iron
 - Burglar or fire alarm & similar apparatus
 - Compressors of a kind used refrigerating equipment
 - Calculator
 - Electric type writer
 - Photocopier
 - Telephone
 - Fax machine
 - Telegraph machine
 - Mobile phone
 - Computer sets

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Import Control

- ◆ **Criteria for determination:**
 - Age (≤ 3 yrs for 28 items, ≤ 5 yrs for photocopier)
 - Testing product std.
 - Quality guarantee
 - Economic value
 - Appropriate amount compared to the capacity of facilities
- ◆ **In case of repair/refurbish, disassembly & recycle/recovery:**
 - Facilities must have a permit required by Factory Act
 - Consent of Exporting Country is required for the guarantee that all residues from such process will be taken back to the Exporting Country if they can not be treated or disposed in Thailand

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Cooperative program

- ◆ **Establish the local network** for enhancing the closed cooperation for the control of the illegal trade of used electrical and electronic equipments and wastes.
- ◆ **Conduct the capacity building and awareness raising program** on the identification and prevention of illegal traffic of wastes for the Customs, Port Authorities and shipping agents.

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Training Course on Identification and Prevention of Illegal Traffic of Wastes

- ◆ HW definition
 - International: Basel Convention
 - Local: Hazardous Substance Act, special controlled wastes
- ◆ Legislation for controlling the HW import
- ◆ Roles of Customs, Port Authorities, shipping agents
- ◆ Illegal shipment Inspection
- ◆ Environmental and waste sampling
- ◆ Site visit at the port facilities



Pictures of Training Events





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