



## **Workshop 2010 of the Asian Network for the Prevention of Illegal Transboundary Movement of Hazardous Wastes**

30 November - 02 December 2010

Siem Reap, CAMBODIA

### **Session 3: Current Discussion and Future Direction on BAN Amendment and Measures for Promoting Environmentally Sound Management (ESM) of Hazardous Wastes**

## **Mapping of ESM Facility and its Criteria in ASIA**

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# THE BASEL CONVENTION ON THE TRANSBOUNDARY MOVEMENTS OF HAZARDOUS WASTES AND THEIR DISPOSAL

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## THE BASEL CONVENTION ON THE TRANSBOUNDARY MOVEMENTS OF HAZARDOUS WASTES AND THEIR DISPOSAL

- ▶▶ adopted by the Conference of the Plenipotentiaries on 22 March 1989 in Basel, Switzerland
- ▶▶ entered into force 05 May 1992
- ▶▶ ratified by the Philippine Senate on 21 October 1993 thus the Philippines became a signatory and a contracting party
- ▶▶ entered into force on 01 January 1994
- ▶▶ the **Department of Environment and Natural Resources -Environmental Management Bureau** is the Focal Point and Competent Authority to the Convention



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## **THE BASEL CONVENTION ON THE TRANSBOUNDARY MOVEMENTS OF HAZARDOUS WASTES AND THEIR DISPOSAL**

### **Requirements/Commitments/Restrictions**

- ▶▶ Prohibits transboundary movements of wastes from OECD to Non-OECD that belong to any Category contained in Annex I (Article 1)
- ▶▶ Prohibits Parties to export/import waste either for disposal or recovery operations from Non-Parties (Articles 6 & 7) in the absence of Bilateral, Multilateral and Regional Arrangements (Article 11)
- ▶▶ Encourage Parties to ratify decisions made during Conference of Parties (for local implementation and/or for a Decision to enter into force) (Article 4)
- ▶▶ Encourage parties to report domestic legislation(s) to the Secretariat in support of the Convention's implementation (Article 4)





## **DENR Administrative Order No. 28, Series of 1994: THE INTERIM GUIDELINES ON THE IMPORTATION OF RECYCLABLE MATERIALS CONTAINING HAZARDOUS SUBSTANCES**

- ▶▶ **Allows the importation of the following recyclable materials:**
  - ▶▶ scrap metals (lead-acid batteries, metal bearing sludge, electronic assemblies and scraps, etc)
  - ▶▶ solid plastic materials (PVC, PET, HDPE, etc.)
  - ▶▶ electronic assemblies and scraps (TVs, computers, home appliances, etc.)
- ▶▶ **All importation must follow the requirements and procedures of the Basel Convention**
  - ▶▶ Notification and Consent between Parties
  - ▶▶ Facility (TSD) must have a definite receiving facility with the essential environmental permits and clearances





**DENR Administrative Order No. 28, Series of 1997: AMENDING ANNEX A OF DAO 94-28**

- ▶▶ Allows the importation of used oil and oil residues provided:
  - ▶▶ **the spent oil have no traces of polychlorinated biphenyls (PCBs)**
  - ▶▶ excludes importation of tanker sludge

**DENR Administrative Order No. 27, Series of 2004: AMENDING ANNEX A OF DAO 94-28 updating the limiting conditions for the importation of Used Lead-Acid Batteries (ULABs)**

**DENR Administrative Order No. 66, Series of 2004: AMENDING ANNEX A OF DAO 94-28 to include fly-ash (Coal-Fired Power Plant Fly-ash)**





# Treatment, Storage & Disposal (TSD) Facilities

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# TSD FACILITY REGISTRATION

## A. Requirements for establishing a TSD Facility

1. Environmental Compliance Certificate (ECC) or Initial Environmental Examination (IEE) for the TSD facility
2. A prospective waste treater has the financial resources (i.e., letter of credit, surety bond, trust fund) to conduct proper hazardous waste treatment continuously and to cover liability for accidents.







# **TSD FACILITY REGISTRATION**

## **B. Requirements for the issuance of a TSD Facility Registration**

1. Duly accomplished Application Form
2. Emergency-Contingency Plans including Abandonment Plan
3. Process flow and detailed description of each treatment, recycling, or disposal process technologies including overall material balance identifying all by-products and end-products and residues
4. Accountability statement, duly notarized

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# **TSD FACILITY REGISTRATION**

## **B. Requirements for the issuance of a TSD Facility Registration**

5. Long-term plan for the the recycled, processed, or end-product
6. Pollution Control Officer accreditation certificate
7. Storage Management plan for raw materials, residues, by-products and end-products
8. Photograph(s) of the facilities showing the processing areas, storage areas, etc.
9. Financial Resources





# TSD FACILITY REGISTRATION

## C. Requirements for Renewal of a TSD Facility Registration

A waste treater who wishes to renew the Facility Registration shall submit the accomplished application form together with a receipt of payment





# TSD FACILITY REGISTRATION

## D. Conditions to Amend a TSD Facility Registration

1. Hazardous waste types that the TSD Facility will accept without changes in treatment processes;
2. Capacity of the facilities to treat, store, recycle or dispose of hazardous waste at the permitted TSD Facility in Category D, E and F other than those required the test run;
3. Operation plan (length of operation, closure plan, or post-closure plan)





# **TSD FACILITY REGISTRATION**

## **E. Cancellation of a TSD Facility Registration**

1. Failure to comply with the permit conditions;
2. Failure to pay the penalties and fines imposed for violation of RA 6969 and its IRR.





## **Checklist of Information Requirements for Treatment, Storage and Disposal (TSD) Facility**

1. Official Letter of Request
2. Duly notarized Affidavit attesting to the truth, accuracy and genuineness of all information, documents and records contained and attached in the application
3. Accomplished Registration Form for HW Treater (Form B)
4. Copy of Environmental Compliance Certificate (ECC)
5. Copy of Valid Permit to Operate pollution control facilities
6. Initial Environmental Examination (IEE) or Environmental Impact Statement (EIS) submitted to EMB Regional Offices





## **Checklist of Information Requirements for Treatment, Storage and Disposal (TSD) Facility**

7. Process Flow Diagram and detailed description of each treatment/recycling process identifying all by-products and residues
8. Pollution Control Officer accreditation certificate
9. Storage Management plan for raw materials, residues, by-products and end-products
10. Long term plan for the recycled/processed/end-product
11. Photograph/s of the facilities showing processing areas, storage areas
12. Accountability Statement (duly notarized)
13. Financial Resources







# Registration Form for TSD Facility

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DENR Hazardous Waste Registration

**Form B : Registration form for HW Treater**

**B1: General Information of Treater**

1. DENR ID:		2. Date of issued (D/M/Y):     /     /	
3. Registered Company Name:			
4. Address of head office:			
5. Name of the President			
6. Tel:		7. Fax:	
8. Address of the Plant:			
9. Tel:		10. Fax:	
11. Pollution Control Officer:			
12. Tel:		13. Fax:	
14. e-mail:			
15. Date of Establishment (D/M/Y):		/     /	
16. Authorized Capitalization (P/year):			
17. Paid-up Capitalization (P/year):			
18. Total Employees:		19. Admin. Employees:	
20. Plant Employees:			
21. Treatment method and Capacity: A: Physico-Chemical treatment B: Thermal treatment C: Solidification D: Storage E: Disposal F: Recycle			
Treatment Method	Date of permit to Operate	Treatment Capacity (ton/day)	Type of HW can be treated
	/     /		
	/     /		
	/     /		
	/     /		
	/     /		

# Registration Form For TSD Facility

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 Chief, Hazardous Waste Management Section  
 Environmental Quality Division  
 EMB Central Office - PHILIPPINES





#### DENR Hazardous Waste Registration

Please append the following for each TSD premises:

- ☐ (1) Copy of Environmental Compliance Certificate (ECC)
- ☐ (2) Copy of Valid Permit to Operate pollution control facilities
- ☐ (3) Initial Environmental Examination (IEE) or Environmental Impact Statement (EIS) submitted to the EMB Regional offices
- ☐ (4) Process flow Diagram and detailed description of each treatment/recycling process identifying all/by-products, end-products and residues
- ☐ (5) Pollution control officer accreditation certificate
- ☐ (6) Storage management plan for raw materials, residues, by-products and end-products
- ☐ (7) Long term plan for the recycled/processed/end-product
- ☐ (8) Photograph/s of the facilities showing processing areas, storage areas
- ☐ (9) Accountability statement (Duly notarized)

I certify that enclosed information is a true and accurate record as available.

President:

Signature:

Date(D/M/Y) / /

## Registration Form For TSD Facility

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# IMPORTATION REQUIREMENTS

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## **Requirements for importers of recyclable materials containing hazardous substances**

1. Register with the DENR through the EMB as importer of hazardous substances as provided by DAO 94-28;
2. Prepare the emergency contingency plan;
3. Designate a Pollution Control Officer (PCO);
4. Secure an Importation Clearance (IC) prior to actual importation as provided by DAO 94-28;
5. Comply with the Transport Record or Manifest System to convey the imported recyclable materials from the port to the importer's premises after securing Importation Clearance;








## **Requirements for importers of recyclable materials containing hazardous substances**

6. Comply with the labeling and packaging requirements;
7. Make hazardous wastes and recyclable materials containing hazardous substances accompanied by the movement document as provided for in this Chapter from the point at which a transboundary movement commences to the point of disposal;
8. Secure TSD facility Permit (Category F: Storage Facilities) as provided for in Chapter 6 prior to importation in case the importer holds the imported recyclable materials containing hazardous substances for periods exceeding thirty (30) days; and
9. Require exporter from the country of origin to notify EMB as per Basel Convention Notification Form through the Competent Authority of the exporting countries.

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Department of Environment and Natural Resources  
ENVIRONMENTAL MANAGEMENT BUREAU

IMPORTATION CLEARANCE FOR RECYCLABLE MATERIALS

Form No. \_\_\_\_\_  
Sheet No. \_\_\_\_\_

*to be filled out in triplicate*

---

A. IMPORTER INFORMATION:

- Name of Importer \_\_\_\_\_
- Registry Reference Code \_\_\_\_\_
- Address \_\_\_\_\_
- Contact Person \_\_\_\_\_
- Telephone No. \_\_\_\_\_ Fax no. \_\_\_\_\_

B. WASTE GENERATOR/SHIPPER INFORMATION:

- Generator (Shipper Name) \_\_\_\_\_
- Facility Address \_\_\_\_\_

C. RECYCLING FACILITY INFORMATION:

- Name \_\_\_\_\_
- Address \_\_\_\_\_

D. RECYCLABLE MATERIAL INFORMATION:

- Type of Material \_\_\_\_\_
- Volume of Material Imported \_\_\_\_\_
- Types of Packaging \_\_\_\_\_
- Intended Carriers \_\_\_\_\_
- Mode of Shipment ☐ AIR ☐ SEA
- Port of Entry \_\_\_\_\_
- Expected Date of Arrival \_\_\_\_\_

E. ATTACHMENTS:

To be attached to this IC are the following affidavits of undertaking specifying the following:

- Liabilities for clean up operations in case of oil spill and emergencies;
- Responsibility of the exporter to retrieve/return the waste when denied entry by the Government of the Philippines.
- Copy of insurance coverage for the shipment; and
- Liabilities of parties to compensate for damage to properties and life in case of emergencies and accidents.

F. Signature \_\_\_\_\_ Title \_\_\_\_\_  
Name (Type or Print) \_\_\_\_\_ Date \_\_\_\_\_

----- Do not write below this line -----

(To be filled up by EMB)

☐ DISAPPROVED:

☐ APPROVED: Pursuant to DAO \_\_\_\_\_ which hereby grants you clearance to imports only the above cited material subject to the conditions stated hereunder:

---

\_\_\_\_\_  
(Place EMB Seal here)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Director, Environmental Management Bureau


# Application Form for Importation Clearance for Recyclable Materials

**Geri Geronimo R. Sañez**  
Chief, Hazardous Waste Management Section  
Environmental Quality Division  
EMB Central Office - PHILIPPINES









Department of Environment and Natural Resources  
ENVIRONMENTAL MANAGEMENT BUREAU  
**IMPORTER REGISTRY SHEET**

Form No.  
Sheet No.  
(to be filled out in triplicate)

Please read instructions before filling up this application.

**A. IMPORTER INFORMATION**  
 Name of Importer \_\_\_\_\_  
 Address \_\_\_\_\_  
 Contact Person \_\_\_\_\_  
 Telephone No: \_\_\_\_\_ Fax No: \_\_\_\_\_  
 Reason for Import: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**B. WASTE GENERATOR/SHIPPER INFORMATION**  
 Generator/Shipper Name: \_\_\_\_\_  
 Facility Address (site of recyclable material generation): \_\_\_\_\_  
 Generator Company Name: CITY, STATE/PROVINCE, COUNTRY \_\_\_\_\_  
 Technical Contact: \_\_\_\_\_  
 Phone No: \_\_\_\_\_ Fax No: \_\_\_\_\_

**C. RECYCLING FACILITY INFORMATION**  
 Name of Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Telephone No: \_\_\_\_\_ Fax No: \_\_\_\_\_  
 Contact Person: \_\_\_\_\_  
 Method of Processing: \_\_\_\_\_  
 Description Process: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

- Methods for handling, including collection, packaging, labeling, transportation, and route which must conform with internationally accepted standards;  
 \_\_\_\_\_  
 \_\_\_\_\_
- Listing of personnel who will be responsible for supervising the collection, transport and unpacking of the recyclable materials and their respective qualifications; and  
 \_\_\_\_\_  
 \_\_\_\_\_
- Emergency response plan describing steps to be taken by parties concerned in case of spill/accident which may occur during transport from the premises of the recyclable material generator to the importer.  
 \_\_\_\_\_  
 \_\_\_\_\_

(Please use separate sheet if necessary)

Attach all Environmental Permits of Recycling Facility

# Importer Registry Sheet

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 EMB Central Office - PHILIPPINES





D. RECYCLABLE MATERIAL INFORMATION (See Instructions)

Recyclable Material/s Name: \_\_\_\_\_

Original Form of the Recyclable Material: \_\_\_\_\_

Amount/Units to be imported for the whole year: \_\_\_\_\_

Frequency of the importation: ☐ Weekly ☐ Quarterly ☐ Others, specify \_\_\_\_\_  
☐ Monthly ☐ Semi-Annually

E. TRANSPORTATION INFORMATION

Types of Packaging ☐ Bulk Liquid ☐ Bulk Sludge ☐ Bulk Solid  
☐ Drum/Box ☐ Tanked ☐ Others, specify \_\_\_\_\_

Mode of Shipment ☐ Air ☐ Sea

This form is to be completed per recyclable material to be registered. Instruction for completing this form are attached.

F. PHYSICAL CHARACTERISTICS OF RECYCLABLE MATERIAL (See Instructions)

Color _____ Describe: _____	2. Does the recyclable material have a strong incidental odor? <input type="checkbox"/> No <input type="checkbox"/> Yes, if so, _____	3. Physical State @ 70°F/21°C. <input type="checkbox"/> Solid <input type="checkbox"/> Semi-Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Powder Other: _____	4. Layers <input type="checkbox"/> Multi-layered <input type="checkbox"/> 9-Layered <input type="checkbox"/> Single Phase	5. Density Range: _____	6. Free Liquids <input type="checkbox"/> Yes <input type="checkbox"/> No Volume: _____ %
-----------------------------------	--	--	--	----------------------------	--

pH ☐ < 2 ☐ 2.4 ☐ 4.7 ☐ 7 ☐ 7.10 ☐ 10 < 12.5 ☐ 12.5 ☐ Range ☐ NA

Flash Point: ☐ None ☐ < 140°F / 60°C ☐ 140-199°F / 60-93°C ☐ > 200°F / 93°C ☐ Closed Cup ☐ Open Cup

CHEMICAL COMPOSITION

CHEMICAL COMPOSITION	RANGE (MIN-MAX) %	2. Does the waste contain any of the following? (Provide concentration if known): NO or LESS THAN or ACTUAL
_____ %	_____ %	PCBs <input type="checkbox"/> <input type="checkbox"/> 50 ppm _____ ppm
_____ %	_____ %	Cyanides <input type="checkbox"/> <input type="checkbox"/> 50 ppm _____ ppm
_____ %	_____ %	Sulfides <input type="checkbox"/> <input type="checkbox"/> 50 ppm _____ ppm
_____ %	_____ %	Phenols <input type="checkbox"/> <input type="checkbox"/> 50 ppm _____ ppm
_____ %	_____ %	
_____ %	_____ %	

• If applicable, a certified laboratory analysis from the country of origin should be attached.

IMPORTER CERTIFICATION

By signing this profile sheet, the Importer verifies:

1. This recyclable material is not "Hazardous Waste" as defined by GOPs RA 6969 and/or international regulations.
2. This recyclable material does not contain regulated radioactive materials or PCBs (Polychlorinated Biphenyls).
3. The recyclable material does not contain regulated concentration of banned and controlled pesticides.
4. This recyclable material does not contain Halogenated compounds such as: tetrachloroethylene, trichloroethylene, methylethylene chloride, 1, 2-dichloroethylene at greater than 0.1% (1000 ppm) total solvent concentration.
5. This sheet and the attachments contain true and accurate descriptions of the recyclable materials. All relevant information regarding known or suspected hazards in the possession of the Generator have been disclosed.
6. The Importer has read and understand the form. All types and amounts of Hazardous substances provided in incidental amounts have been identified in Section G of this form.
7. The analytical data presented herein or attached were derived from testing a representative sample taken in accordance with RA6969, if required, or equivalent rules.
8. If any changes occur in the character of the recyclable material, the importer shall notify the Environmental Management Bureau prior to the shipping of the recyclable material to the consignee/recycler.

# Importer Registry Sheet

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 Environmental Quality Division  
 EMB Central Office - PHILIPPINES





9. Signature: _____ 10. Name (Type or Print) _____	10. Title: _____ 12. Date: _____
---	-------------------------------------

Do not write below this line

---

<b>ENVIRONMENTAL MANAGEMENT BUREAU</b>  Date: _____  <div style="margin-left: 40px;"> <input type="checkbox"/> Accept  <input type="checkbox"/> Reject         </div> AUTHORIZED NAME : (Print or type) _____  AUTHORIZED SIGNATURE: _____  Title _____	<b>REGISTRY REFERENCE CODE</b>  <div style="height: 150px; border: 1px solid black;"></div> <div style="text-align: center; margin-top: 20px;">Place EMB seal here</div>
--	--


# Importer Registry Sheet

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**Environmental Quality Division**  
**EMB Central Office - PHILIPPINES**





 <b>ENVIRONMENTAL MANAGEMENT BUREAU</b> Republic of the Philippines Department of Environment and Natural Resources		
TRANSBOUNDARY MOVEMENT OF WASTE – Notification		
BASEL CONVENTION		
1. Exporter (name, address)	3. Notification Concerning(1) Notification Number PH	
Contact Person Tel: Fax / Telex:	A. <input type="checkbox"/> (i) Single <input type="checkbox"/> (ii) General Notification (multiple movements) C. Pre authorized for a recovery Facility (1) B. <input type="checkbox"/> (i) Disposal (no recovery) <input type="checkbox"/> (ii) Recovery operation <input type="checkbox"/> Yes <input type="checkbox"/> No	
Reason for Export:	(To be completed for a recovery facility located in an OECD state)	
2. Importer (name, address)	4. Total intended No. of shipments.	5. Estimated quantity (3) kg liters
Contact person: Tel: Fax / Telex:	6. Intended date(s) or period of shipment(s)	
7. Intended carrier(s)(name, address) (2):	8. Disposer (name, address)	
Contact person: Tel: Fax / Telex:	Contact person: Tel: Fax / Telex:	
10. Waste generator (name, address) (2):	Actual site of disposal	
Contact Person: Tel: Fax / Telex:	9. Method(s) of disposal D code / R code (4) Technology Employed (Attached details if necessary)	
Site of generation & process:	11. Means of transport(4)	12. Packaging type(s) (4)
13. (i) Designation & chemical composition of the waste:	(ii) Special handling requirements	14. Physical characteristics (4)
15. Waste identification code in country of export. In country of import. Customs code:	IWIC: EWC: Other (specify):	17. Y. number (4) 18. N. number (4)
16. OECD Classification Code (1): <input type="checkbox"/> amber <input type="checkbox"/> red acid no. <input type="checkbox"/> ether (attached details)	19. (i) UN identification No. UN Shipping name:	(ii) UN class (4)
20. Concerned states, code number of competent authorities, and specific points of entry and exit:		
State of export	States of transit	State of import
21. Customs offices of entry and/or departure (European Community) Entry:  Departure:		
23. Exporter's/Generator's declaration: I certify that the information is complete and correct to my best knowledge. I also certify that legally enforceable written contractual obligations have been entered into and that any applicable insurance of other financial guarantees are or shall be in force covering the transboundary movement. Name: _____ Signature: _____ Date: _____		
22. No. of annexes attached:		
FOR USE BY COMPETENT AUTHORITIES		
24. To be completed by competent authority -import (ECC, OECD) -transit(Basel) Notification received on:  Acknowledgement sent on:  Name of competent authority, Stamp and/or signature:	25. Consent to the movement provided by the competent authority of (country) Consent given on,  Specific conditions(1) <input type="checkbox"/> Yes, see block 25 overleaf/ annex <input type="checkbox"/> No Name of competent authority, Stamp and/or signature:	

(1) Enter X in appropriate box (2) Attach list if more than one(3) Attach detailed list if multiple shipment (4) See codes on the reverse

# Transboundary Movement Document Form

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List of abbreviations used in the notification																																															
<b>DISPOSAL (NO RECOVERY) (Block 9)</b> D1 Deposit into or onto land (e.g. landfill, etc.) D2 Land treatment (e.g. biodegradation of liquid or sludgy discards in soils, etc.) D3 Deep injection (e.g. injection of pumpable discards into wells, salt domes or naturally occurring) D4 Surface impoundment (e.g. placement of liquid or sludge discards into pits, ponds, or lagoons etc.) D5 Specially engineered landfill (e.g. placement lined discrete cells which are capped and isolated from one another and the environment, etc.) D6 Release into a water body except seas / oceans D7 Release into seas / oceans including bad insertion D8 Biological treatment not specified elsewhere in this list which results in final compounds mixtures which are discarded by means of any of the operations numbered D1 to D12 D9 Physicochemical treatment not specified elsewhere in this list which results in final compounds mixtures which are discarded by means of any of the operations numbered D1 to D12 (e.g. evaporation, drying, coloration, etc.) D10 Incineration in land D11 Incineration at sea D12 Permanent storage (e.g. emplacement of containers in a mine, etc) D13 Blending or mixing prior to submission to any of the operations numbered D1 to D12 D14 Repackaging prior to a submission to any of the operations numbered D1 to D12 D15 Storage pending any of the operations numbered D1 to D12		<b>RECOVERY OPERATIONS (Block 9)</b> R1 Use as a fuel (other than in direct incineration) or other means to generate energy R2 Solvent reclamation /regeneration R3 Recycling/reclamation of organic substances which are not used as solvents R4 Recycling/reclamation of metals and metal compound R5 Recycling/reclamation of other inorganic materials R6 Regeneration of acids or bases R7 Recovery of components used for pollution abatement R8 Recovery of components from catalysis R9 Used oil re-refining or other reuses of previously used oil R10 Land treatment resulting in benefit to agriculture or ecological improvement R11 Uses of residual materials obtained from any of the operations numbered R1 to R10 R12 Exchange of wastes for submission to any of the operations numbered R1 to R11 R13 Accumulation of material intended any operation numbered R1 to R12																																													
<b>MEANS OF TRANSPORT (Block 11)</b> R. Road T. Train / Rail S. Sea A. Air W. Inland Waterways	<b>PACKAGING TYPE</b> 1. Drum 2. Wooden Barrel 3. Jemcan 4. Box 5. Bag 6. Composite packaging 7. Pressure receptacle 8. Bulk 9. Other (specify)	<b>II NUMBER (Block 18) AND UNCLASS (Block 19)</b> <table border="1"> <thead> <tr> <th>UN Class</th> <th>H Number</th> <th>Designation</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>H1</td> <td>Explosive</td> </tr> <tr> <td>3</td> <td>H3</td> <td>Inflammable liquids</td> </tr> <tr> <td>4.1</td> <td>H4.1</td> <td>Inflammable Solids</td> </tr> <tr> <td>4.2</td> <td>H4.2</td> <td>Substances or wastes liable to spontaneous combustion</td> </tr> <tr> <td>4.3</td> <td>H4.3</td> <td>Substances or waste which in contact with water emit inflammable gases</td> </tr> <tr> <td>5.1</td> <td>H5.1</td> <td>Oxidizing</td> </tr> <tr> <td>5.2</td> <td>H5.2</td> <td>Organic peroxides</td> </tr> <tr> <td>6.1</td> <td>H6.1</td> <td>Poisonous (acute)</td> </tr> <tr> <td>6.2</td> <td>H6.2</td> <td>Infectious substances</td> </tr> <tr> <td>8</td> <td>H8</td> <td>Corrosives</td> </tr> <tr> <td>9</td> <td>H10</td> <td>Liberation of toxic gases in contact with air or water</td> </tr> <tr> <td>9</td> <td>H11</td> <td>Toxic (delayed or chronic)</td> </tr> <tr> <td>9</td> <td>H12</td> <td>Ecotoxic</td> </tr> <tr> <td>9</td> <td>H13</td> <td>Capable by any means after disposal of yielding another material e.g. leachate which possesses any of the characteristics listed above</td> </tr> </tbody> </table>	UN Class	H Number	Designation	1	H1	Explosive	3	H3	Inflammable liquids	4.1	H4.1	Inflammable Solids	4.2	H4.2	Substances or wastes liable to spontaneous combustion	4.3	H4.3	Substances or waste which in contact with water emit inflammable gases	5.1	H5.1	Oxidizing	5.2	H5.2	Organic peroxides	6.1	H6.1	Poisonous (acute)	6.2	H6.2	Infectious substances	8	H8	Corrosives	9	H10	Liberation of toxic gases in contact with air or water	9	H11	Toxic (delayed or chronic)	9	H12	Ecotoxic	9	H13	Capable by any means after disposal of yielding another material e.g. leachate which possesses any of the characteristics listed above
UN Class	H Number	Designation																																													
1	H1	Explosive																																													
3	H3	Inflammable liquids																																													
4.1	H4.1	Inflammable Solids																																													
4.2	H4.2	Substances or wastes liable to spontaneous combustion																																													
4.3	H4.3	Substances or waste which in contact with water emit inflammable gases																																													
5.1	H5.1	Oxidizing																																													
5.2	H5.2	Organic peroxides																																													
6.1	H6.1	Poisonous (acute)																																													
6.2	H6.2	Infectious substances																																													
8	H8	Corrosives																																													
9	H10	Liberation of toxic gases in contact with air or water																																													
9	H11	Toxic (delayed or chronic)																																													
9	H12	Ecotoxic																																													
9	H13	Capable by any means after disposal of yielding another material e.g. leachate which possesses any of the characteristics listed above																																													
<b>PHYSICAL CHARACTERISTICS (Block 14)</b> <table border="1"> <tbody> <tr> <td>1. Powdery / powder</td> <td>5. Liquid</td> </tr> <tr> <td>2. Solid</td> <td>6. Gaseous</td> </tr> <tr> <td>3. Viscous / paste</td> <td>7. Other (specify)</td> </tr> <tr> <td>4. Sludgy</td> <td></td> </tr> </tbody> </table>			1. Powdery / powder	5. Liquid	2. Solid	6. Gaseous	3. Viscous / paste	7. Other (specify)	4. Sludgy																																						
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Y Number (block 11) refer to categories of waste listed in Annex I and II of the Basel Convention. These codes, as well as more detailed information can be found in an instruction Manual available Secretariat of the Basel Convention.																																															
26. SPECIFIC CONDITIONS OF CONSENTING TO THE MOVEMENT																																															

# Transboundary Movement Document Form

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# IMPORT – RECYCLING DATA FOR E-WASTES

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## YEAR 2009

MATERIALS	DESCRIPTION	QUANTITY		SOURCE
		Volume	Unit	
Electrical and electronic assemblies	assorted electrical and electronic components (A1180)	1,100	tons	Thailand
Electrical and electronic assemblies	used mobile phone parts	50,000	pcs.	Korea
Electrical and electronic assemblies	used mobile phones	9,000	pcs.	USA
Electrical and electronic assemblies	used mobile phones	300,000	pcs.	Hong Kong
Electrical and electronic assemblies	used mobile phones parts (LCD)	50,000	pcs.	Hong Kong
Scrap Electronic and Electrical Appliances	Used television sets	10	pcs	Japan
Used electrical and electronic equipment	computer parts and accessories	58	boxes	Korea
Used electrical and electronic equipment	Used computer parts (motherboard, hard disk, memory)	40	boxes	Korea
Used electrical and electronic equipment	used computer sets	10,000	sets	Korea
Used electrical and electronic equipment	used CPUs	290	boxes	Korea
Used electrical and electronic equipment	Used dektop computers (1pc/box)	560	boxes	Korea
Used electrical and electronic equipment	used monitors	1,008	boxes	Korea
Used electrical and electronic equipment	Used monitors	12	pcs	Japan
Used electrical and electronic equipment	Used monitors (2-3 pcs/box)	500	boxes	Korea

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## YEAR 2008

MATERIALS	DESCRIPTION	QUANTITY		SOURCE
		Volume	Unit	
electrical and electronic assemblies or scraps (B1110)	assorted electrical and electronic components	200	MT	Thailand
electronic scraps	used computer sets	8,000	sets	Korea
used electrical and electronic equipment	used CPUs	3,000	units	Korea
used electrical and electronic equipment	used laptops	2,000	units	Korea
used electrical and electronic equipment	used monitors	2,500	units	Korea
used electronics and electrical appliances and equipment	used game machine	112	pcs	Japan
used electronics and electrical appliances and equipment	used LCD monitor	88	pcs	Japan
used electronics and electrical appliances and equipment	used PC	23	pcs	Japan
used electronics and electrical appliances	used PC parts	1	pc	Japan
used electronics and electrical appliances and equipment	used televisions	784	pcs	Japan
used electronics and electrical equipment and appliances	used television sets	409	pcs	Korea
used electronics and electrical equipment and appliances	used television sets and computers	3,000	pcs	Japan

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## YEAR 2007

MATERIALS	DESCRIPTION	QUANTITY		SOURCE
		Volume	Unit	
Scrap Electronics	Used computers	8,000	units	South Korea

## YEAR 2006

MATERIALS	DESCRIPTION	QUANTITY		SOURCE
		Volume	Unit	
Electronic Scraps	Assorted electronic components/plastics/solder paste	2,000	MT	Thailand

## YEAR 2005

MATERIALS	DESCRIPTION	QUANTITY		SOURCE
		Volume	Unit	
Plastic/Electronic Scrap	Recyclable VHS tapes	21.3	MT	Korea
Scrap Electronics	Used Computers units with accessories	240	Sets	Korea
Scrap Electronics	Used refrigerators	20	pcs.	Japan
Scrap Electronics	Used TV	66	units	Japan
Scrap Electronics	Used TV sets	472	pcs.	Japan

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### SURVEY ON USED OR SECOND-HAND ELECTRICAL AND ELECTRONIC EQUIPMENT

SURVEY ON GOLD OR SECOND HAND ELECTRICAL AND ELECTRONIC EQUIPMENT										
NAME OF ESTABLISHMENT	ADDRESS	TYPE*			PRODUCTS OR EQUIPMENT			NAME OF SUPPLIER Local/Abroad	ADDRESS	REMARKS (if Importer pls. indicate if registered w/ BPS No.)
		(Pls. Check appropriate column)			TYPE	QTY.	unidentifiedT			
		IMP	RES	REF						
REGION VII										
Reyu Surplus Trading, Inc.	Yaya, Talamban, Cebu City		X		Appliances (T.V., Refrigerator, Component, etc.)	20-30	pcs/week	unidentified	Japan	unidentified
Xiyan Trading, Inc.	H. Cortes St., Tipolo, Mandaue City	X	X		T.V. and Computers		unidentified	unidentified	China	not registered
Se Hyun Marketing	Colon St., Kalubihan, Cebu City	X	X	X	T.V.	180	pcs/week	unidentified	Korea	unidentified
KS Star Trading	Colon St., Kalubihan, Cebu City	X	X	X	T.V.	25-30	pcs/week	unidentified	Korea	unidentified
Dikie General Merchandise	Panganiban St., Cebu City	X	X		Appliances (T.V., Refrigerator, Computer)	20	pcs/week more or less	unidentified	Japan	unidentified
HMR Philippines	Magallanes cor. P. Burgos St., Cebu City	X	X		Appliances (T.V., Refrigerator, Computer, Washing Machine), Kitchen Equipment	50	pcs/week more or less	unidentified	Australia, Thailand, Indonesia, Malaysia	unidentified
Mandaue Electronics Parts and Supply	Highway Maguikay, Mandaue City	X	X	X	Appliances (T.V., Car Stereo, etc.)	20	pcs/week more or less	unidentified	Japan, Korea, Philippines	unidentified
KJ & Phil. Trading	Paterno Bldg., Colon St., Parian, Cebu City	X	X		Appliances (T.V., Ref., Computer, Aircon, etc.)		unidentified	unidentified	Korea	unidentified
MAN-TECH Management Services Corp.			X	X	Appliances (T.V., Ref., Computer, Aircon, etc.)	30	per week			
Sharman Surplus Trading	Alang-alang, Mandaue City	X	X	X	Appliances (T.V., Refrigerator, Computer, Aircon, Washing Machine etc.)	20-30	per week	unidentified	Japan	unidentified
Anson Enterprises	Maguikay, Mandaue City		X	X	T.V. sets	35	per week			
					Computers	30.00	per week			
BGS	Bakilid, Mandaue City		X	X	T.V. sets	10	per week			

Legend:

IMP – Importer  
RES – Reseller  
REF - Refurbisher

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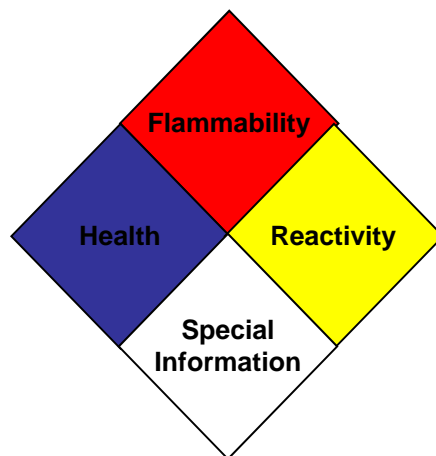
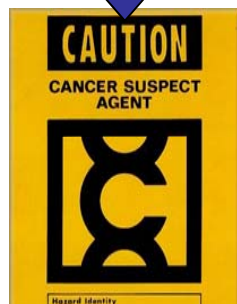




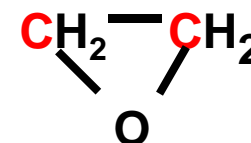
Thank You Very Much  
MARAMING SALAMAT PO!!!

AKUN JANN

[www.emb.gov.ph](http://www.emb.gov.ph)



Ethylene oxide:  $\text{CH}_2\text{OCH}_2$   
colorless gas  
(flammable, reactive,  
and explosive) or



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