



S1_13

Activities for the Reduction of Mercury Releases from Waste Management

Collection and Recycling of Measuring Devices or Medical Waste

THE PHILIPPINES

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National Environmental Legislation (Policies, Rules and Regulations)





RA 6969: Toxic Substances and Hazardous and Nuclear Waste Control Act of 1990

- DAO 92-29: The Implementing Rules and Regulations
 - Title II- Toxic Substances (Chemicals) Management
[PICCS, PMPIN, **PCL**, **CCO-Hg**, CN, Asbestos, ODS, PCB]
 - Title III- Hazardous Waste Management
- DAO 2004-36: Procedural Manual for Hazardous Waste Management
 - Table 1-1: Classification of Hazardous Waste
Waste with Inorganic Chemicals-Mercury and Compounds (D407)





Title II: Management of Chemicals and Toxic Substances

- **Philippine Inventory of Chemicals and Chemical Substances (PICCS)**
 - 40,000 chemicals and substances
- **Pre-Manufacture and Pre-Importation Notification (PMPIN)**
 - Detailed Form
 - Abbreviated Form
- **Priority Chemical List (PCL)**
 - DAO 2005-27 (48 chemicals & substances)
 - **DAO 98-58 (28 chemicals & substances)**
- **Chemical Control Order (CCO)**
 - Five (5) DAOs has been issued since 1997





CHEMICAL CONTROL ORDERS (CCOs)

DAO 97-38: CCO for Mercury and its compounds

▶▶ regulated or limited use

DAO 97-39: CCO for Cyanide and its compounds

▶▶ regulated or limited use

DAO 2000-02: CCO for Asbestos

▶▶ regulated or limited use – Rotterdam Convention

DAO 2000-18: CCO for Ozone Depleting Substances (ODSs)

▶▶ phase-out (2010) – Montreal Protocol

DAO 2004-01: CCO for Polychlorinated Biphenyls (PCBs)

▶▶ phase-out (2014) – Stockholm Convention





Health Department Directive

DOH Administrative Order No. 2008-0021:
“Gradual Phase-Out of Mercury in all Philippine
Healthcare Facilities and Institutions”

- Thermometers (December 2009)
- Sphygmomanometers (December 2010)





Programs/Projects

(completed/ongoing/pipeline)





“Management of Mercury and Mercury-Containing Wastes”

Implementing Agency:

**Environmental Management Bureau-Central Office
Department of Environment and Natural Resources**

Funding Agency:

**Division of Technology, Industry and Economics (DTIE)
Chemicals Branch
United Nations Environment Programme – Geneva, CH**

Duration: **February – December 2009**
(extended till June 2010)

Total Project Cost: **USD 50,000**





OBJECTIVES

- To increase the technical capacity of selected countries and other stakeholders in assessing, managing and reducing the risks to human health and the environment posed by mercury and mercury-containing waste
- To test the applicability of the Draft Technical Guidelines on the Environmentally Sound Management (ESM) of Mercury Waste





ACTIVITIES

- **Component 1.** Review of quantitative and qualitative data from the national inventory of mercury sources
- **Component 2.** Prioritization of mercury sources and corresponding sectors
- **Component 3.** Development of a national mercury waste management plan
- **Component 4.** ESM application in selected sources and sectors
- **Component 5.** Sampling and mercury analysis of environmental and human samples
- **Component 6.** Final National Reports and final project report; evaluation





EXPECTED RESULTS/OUTPUTS

- Enhanced Draft Technical Guidelines on the ESM of Mercury Waste
- Sector/source-specific mercury waste issues prioritized
- **National and Source/sector-specific mercury waste management plans developed**
- Training and capacity-building programs involving specific sources or sectors on ESM of mercury waste undertaken
- Awareness of policymakers, regulators and stakeholders on the importance of proper management of Mercury Wastes; and possible promulgation of local or source/sector specific regulations raised





“Artisanal and Small Scale Gold Mining (ASGM)”

Implementing Agency:

**Environmental Management Bureau-Central Office
Department of Environment and Natural Resources**

Funding Agency:

**Quick-Start Programme
Division of Technology, Industry and Economics (DTIE)
Chemicals Branch
United Nations Environment Programme – Geneva, CH**





“Philippine Efficient Lighting Market Transformation Project (PELMATP)”

Implementing Agency:

- **Department of Energy (DOE)**

Funding Agency:

- **United Nations Development Programme (UNDP)**

Collaborative Output:

- **A Management Guidebook – Mercury-containing Lamp Waste Management”**
- **Poster on the Health and Environmental Effect of Mercury**
- **Primer on Lamp Waste Management**

Project Strategy:

- **Distribution of Compact Fluorescent Lamps (CFLs) in selected residential communities in the Philippines**





“Pilot Project on Selecting Appropriate Mercury Wastes Storage and Disposal Technology for the Philippines”

Implementing Agency:

- **Environmental Management Bureau-Central Office
Department of Environment and Natural Resources**

Funding Agency:

- **United Nations Industrial Development Organization (UNIDO)**

Project Initial Focus:

- **Fluorescent Lamps**
- **Batteries**
- **Healthcare equipment or supplies (thermometers and sphygmomanometers)**

Project Status:

Pipeline or under Negotiation for consideration of GEF Secretariat





**Maraming Salamat Po!
Domo Arigato Gozaimas!!!**

For more information:

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