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Department of Environment and Natural Resources
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DENR Administrative Order
No. 2021 - 08

MAY 06 2021

**SUBJECT: CHEMICAL CONTROL ORDER (CCO) FOR CADMIUM
AND CADMIUM COMPOUNDS**

Pursuant to the provisions of the Republic Act 6969 otherwise known as the “Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990”, DENR Administrative Order (DAO) No. 29, Series of 1992 otherwise known as the “Implementing Rules and Regulations of Republic Act 6969”, DAO 2005-05, entitled “Toxic Chemical Substances for Issuances of Chemical Control Orders”, and Republic Act No. 8749 also known as the “Philippine Clean Air Act of 1999” which mandates the conversion of the Environmental Management Bureau (EMB) from a staff bureau to a line bureau, the following pertinent rules and regulations with procedural requirements for Chemical Control Order (CCO) for cadmium and cadmium compounds, and its wastes are hereby promulgated.

SECTION 1. Policy and Objectives

It is the policy of the State to regulate, restrict or prohibit the importation, manufacture, handling, processing, storage, sale, distribution, use, and disposal of chemical substances and mixtures that present unreasonable risk and/or injury to human health and the environment; to prohibit the entry, even in transit, of hazardous and nuclear wastes and their disposal into Philippine territorial limits for whatever purpose, and to provide advancement and facilitate research and studies on toxic chemicals. Pursuant to this policy statement, this Order aims to do the following:

- a. Reduce the risk of exposure to human health and the environment of cadmium and cadmium compounds used in industrial processes;
- b. Increase awareness on the toxicity of cadmium and its compounds, as well as the availability of technically superior and safe alternatives;
- c. Ensure the proper implementation of the existing framework and appropriate prevention-based programs to mitigate, reduce and eliminate risks from the use of cadmium and cadmium compounds; and
- d. Provide guidelines to identify potential cadmium release/exposure in industrial facilities to reduce workers’ cadmium exposure.

SECTION 2. Definition of Terms

As used in this Order, the following terms are hereby defined:

- a. Applicant – person(s) or entities engaged in importation, manufacture, use, distribution, transport, recycling and providing service (Treatment, Storage and Disposal) on cadmium and cadmium compounds.
- b. Bureau – the Environmental Management Bureau of the Department of Environment and Natural Resources
- c. Cadmium – a naturally occurring element existing as soft, silver-white metal or grayish-white powder that can exist as elemental cadmium.
- d. Cadmium compounds – are chemical compounds that contain cadmium.
- e. Chemical Control Order (CCO) - a policy issuance that prohibits, limits or regulates the use, manufacture, import, export, transport, process, storage, possession and distribution of chemicals that DENR determined to be regulated, phased-out or banned due to the serious risks they pose to public health, workplace and the environment
- f. Chemical Substance - any organic or inorganic substance of a particular molecular identity excluding radioactive materials and includes – any element or uncombined chemical, and any combination of such substances, or any mixture of two or more chemical substances.
- g. Department – the Department of Environment and Natural Resources
- h. Distributor–any entity or corporation that is engaged in the distribution of cadmium and cadmium compounds.
- i. Importer – any juridical person or corporation that undertakes the entry of a chemical or chemical substances into the country.
- j. Industrial User – any entity or corporation that uses and processes cadmium and cadmium compounds for industrial purposes only; including use of cadmium and/or its compounds by laboratories of the industries
- k. Manufacturer –any juridical person or corporation that undertakes the physical or chemical transformation of substances into new products performed either by power-driven machines or by hand and markets it under his name or trademark.
- l. Premises – shall include, but not limited to, buildings or parts of buildings, tents, stalls or other facility structures whether permanent or temporary.
- m. Process –is the preparation of chemical substance or mixture after its manufacture (industrial operations) for commercial distribution.
- n. Storage – containment area for supply or stock reserve kept for future use, safekeeping or disposal

- o. Transporter – a person or entity registered to legally transport cadmium as described in the scope of this Order
- p. Treatment, Storage and Disposal (TSD) Facility – Facility where hazardous wastes are transported, stored, treated, recycled, reprocessed, and disposed of.
- q. Unreasonable Risk - expected high frequency of undesirable effects or adverse responses arising from a given exposure to a substance.
- r. Waste Generator – any person who generates or produces hazardous wastes, through any institutional, commercial, industrial, or trade activities.

SECTION 3. Coverage

3.1. This Order shall cover the following:

- 3.1.1. Importers
- 3.1.2. Distributors
- 3.1.3. Manufacturers, processors, and industrial users
- 3.1.4. Transporters
- 3.1.5. Treatment, Storage and Disposal (TSD) Facilities
- 3.1.6. Laboratory Facilities

Cadmium and cadmium compounds were included in the Priority Chemicals List (PCL) under DENR Administrative Orders No. 98-58¹ and 2005-27², wherein importers-distributors, and importer-user-manufacturers/user-manufacturers of PCL chemicals were required to submit reports and comply with PCL requirements. Cadmium and cadmium compounds reported under the PCL shall continue to be allowed under this Administrative Order (Annex A).

Exemptions under EMB Memorandum Circular Nos. 2014-003³ and 2017-007⁴ shall not apply under this Order. Previously PCL exempted importers-distributors, and importer-user-manufacturers/user-manufacturers of cadmium and cadmium compounds are required to register under this Order.

Cadmium compounds not listed in the PICCS are subject to Pre-manufacture and Pre-importation Notification (PMPIN) prior to importation and use of the chemical substance.

3.2. Cadmium not within the Scope of RA 6969

Any Cadmium in products and materials not considered as chemical substance or mixture, such as, but not limited to batteries, toys, electronic equipment, jewelries, ceramics, are not covered by the scope of RA 6969. However, they may be covered by other regulatory

¹ DAO 1998-58 (Priority Chemicals List)

² DAO 2005-27 (Revised Priority Chemicals List)

³ Supplemental Guidelines for the DENR AO 2007-23 (Prescribing Additional Requirements for the Issuance of the Priority Chemical List (PCL) Compliance Certificate)

⁴ Clarification on the Coverage of Laboratory Facilities under DAO 2007-23 (PCL)

agencies such as but not limited to the Department of Trade and Industry, Food and Drug Administration, and Fertilizer and Pesticide Authority.

Further, any Cadmium, in chemical substances and mixtures, regulated by other laws such as food, drugs, cosmetics, fertilizers, pesticides, radioactive materials, fuel products are not within the scope of Republic Act 6969.

However, in view of the health and environmental effects of cadmium, the use of products not containing cadmium is encouraged to prevent and minimize release of cadmium to the environment.

SECTION 4. General Requirements and Procedures

In addition to the general requirements under Title II of DAO 29, s. 1992, the following requirements and procedures have been established for any person or entity importing and manufacturing, distributing and allowed users of Cadmium and Cadmium compounds and those treating, handling, transporting, storing and disposing of Cadmium and Cadmium compounds. These are:

4.1 Registration and Permitting

All applicants shall register online through the Online Permitting and Monitoring System (OPMS) of the Bureau by submitting a duly accomplished Registration Form (Annex B) and other documentary requirements

- a. Any person or entity that is a new applicant and/or newly involved in the importation, manufacture, distribution and industrial use of any Cadmium and Cadmium compounds.
- b. Any person or entity with existing Priority Chemical List (PCL) Compliance Certificate, with Priority Chemical List (PCL) exemptions issued under EMB MC 2014-003⁵ or users of cadmium and cadmium compounds whose Priority Chemical List (PCL) fall under EMB Memorandum Circular 2017-007⁶ for cadmium and cadmium compounds. The proponent should apply for a Chemical Control Order (CCO) Registration.
- c. Any person or entity involved in the transport, recycling, treatment, storage and disposal of cadmium containing wastes must register and comply all applicable provisions of the RA 6969 Rules and Regulations on Hazardous Waste Management;

⁵ Supplemental Guidelines for the DENR AO 2007-23 (Prescribing Additional Requirements for the Issuance of the Priority Chemical List (PCL) Compliance Certificate)

⁶ Clarification on the Coverage of Laboratory Facilities under DAO 2007-23 (Prescribing Additional Requirements for the Issuance of the Priority Chemical List (PCL) Compliance Certificate)

4.2 Importation Requirements

Any person or entity that imports cadmium and cadmium compounds shall apply for an importation clearance (**Annex C**) online through the Online Permitting and Monitoring System (OPMS) of the Bureau. The validity of the importation clearance shall be for a period of six months. Importation clearances shall be issued per trade name of products.

4.3 Required Documents

The application for registration and importation clearance, including importation clearance renewal, must be accompanied by the following documents:

- a. Photocopy of the Environmental permits such as the following:
 - Hazardous Waste Generator's ID
 - Valid Discharge Permit
 - Valid Permit to Operate
 - Environmental Compliance Certificate
- b. Photocopy of Registration with the Securities and Exchange Commission (SEC) or Department of Trade and Industry (DTI), with an updated list of its officers
- c. Photocopy of Business Permit
- d. Photocopy of Safety Data Sheet (SDS) from the manufacturing firm
- e. Cadmium and Cadmium Compounds Management Plan (**Annex D**)
- f. Emergency and Contingency Plan
- g. Photo of Storage facility
- h. Notarized Certificate of Liabilities to compensate damages
- i. Copy of PCO Accreditation Certificate
- j. Latest Self-Monitoring Report

4.4 Cadmium and Cadmium Compounds Management Plan

The applicant shall submit the Chemical Management Plan, following the prescribed outline in Annex D and the chemical's Safety Data Sheet to ensure that cadmium and cadmium compounds are managed in a manner that will eliminate or minimize its risk to human health and the environment.

Furthermore, distributors of cadmium and cadmium compounds are required to have a record of users of their materials.

4.5 Labeling Requirements

- 4.5.1 Labeling requirements conforming to the provisions of Globally Harmonized System (GHS) as promulgated by the Bureau under DAO No. 2015-009⁷ and EMB Memorandum Circular No. 2015-011⁸;

⁷ Rules and Procedures for the Implementation of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) in Preparation of Safety Data Sheet (SDS) and Labeling Requirements of Toxic Chemical Substances

⁸ Guidance Manual for DAO 2015-09

- 4.5.2 Storage cabinets, housing specimens and objects suspected of, or known to be contaminated with cadmium and cadmium compounds shall be labelled with a warning sign that indicates "Cadmium and Cadmium Compounds" and stating its main hazards; and
- 4.5.3 Waste labeling shall be in accordance with current procedural manual on hazardous waste management. Cadmium and cadmium compounds wastes should be stored in secured places, with provisions for appropriate emergency response in case of accidents.

4.6 Emergency and Contingency Plan

The applicant shall provide the company's emergency plan in cases of accidents and foreseeable incidents involving cadmium and cadmium compounds but not limited to spills, fire, exposure and natural calamities. The Emergency and Contingency Plan shall be in accordance to Section 8.2 of DAO 2013-22⁹ and in relation with Section 8 of the Safety Data Sheet (Exposure controls/Personal Protection).

4.7 Manufacturing Requirements

The Applicant shall comply with the following:

- 4.7.1 Management Operation Flow Chart and process description where cadmium and cadmium compounds are used. All necessary measures and procedures by means of engineering controls, work practices and hygiene facilities and practices to reduce the dispersion of cadmium and cadmium compounds into the environment and to minimize employee exposure to cadmium and cadmium compounds;
- 4.7.2 Provision of appropriate Personal Protective Equipment (PPE) to workers. Proper PPEs should be used when handling cadmium and cadmium compounds. Some examples of protective clothing and equipment that may be necessary include, but are not limited to, gloves, aprons, coveralls, foot coverings and goggles. If required, wear a fit-tested respirator equipped with high efficiency particulate air (HEPA) filters (refer also to the Safety Data Sheet of the chemical);
- 4.7.3 Establish a regulated area wherever an employee's exposure to airborne concentrations of cadmium is **high, and shall ensure that said areas** are demarcated from the rest of the workplace in a manner that adequately establishes and alerts employees of the boundaries of the **said** regulated area;
- 4.7.4 Appropriate environmental permits such as Environmental Compliance Certificate (ECC)¹⁰, DENR Hazardous Waste Generator ID¹¹, Discharge

⁹ Revised Procedures and Standards for Hazardous Waste Management

¹⁰ Presidential Decree No. 1586 (Establishing an Environmental Impact Statement System Including other Environmental Management Related Measures and for Other Purposes)

¹¹ Title III of RA 6969

Permit¹², Permit to Operate¹³ and other applicable environmental permits/clearances.

- 4.7.5 Regular self- monitoring of each potential source of emissions (air quality) and discharges (water quality) following the standards for cadmium in the Philippine Clean Air Act (RA 8749) and DAO 2016-08¹⁴;

4.8 Training Requirements

4.8.1 Regular basic awareness, knowledge and training of employees and industrial users shall be conducted for appropriate work practices to minimize the risk of exposure to Cadmium and Cadmium Compounds during production or on the risk potentials involved in the storage, handling, use, manufacture, transport and/or disposal of generated wastes of cadmium and cadmium compounds. Any of the following evidence shall be submitted.

4.8.1.1 Copies of Training Certifications or Training Modules on cadmium and cadmium compounds.

4.8.1.2 PCO Accreditation Certificate

4.9 Handling and Storage Requirements

4.9.1 Proper Inventory, Stacking/Stockpiling and security practices;

4.9.2 Available and accessible Safety Data Sheet (SDS) at all times.

4.9.3 Adequate storage facility with proper labeling, signage, compatibility with other chemicals and safety equipment;

4.9.4 Maintenance of storage records and packaging

4.10 Transport, Treatment, , Storage and Disposal (TSD) Requirements

All hazardous waste generators, transporters and TSD Facilities must comply with the current procedural manual on hazardous waste management.

4.11 Substitution and Phase-out Plan

The Department through the Bureau may develop a phase-out plan for uses of cadmium and cadmium compounds. Such phase-out plan will be for consultation to related stakeholders and agencies.

¹² Republic Act 9275 or the Philippine Clean Water Act of 2004

¹³ Republic Act 8749 or the Philippine Clean Air Act of 1999

¹⁴ DAO 2016-08 (Water Quality Guidelines and General Effluent Standards of 2016)

SECTION 5. Previous Compliance with Priority Chemicals List (PCL)

Prior to the issuance of this Order, cadmium and cadmium compounds are listed in the Priority Chemicals List (PCL) pursuant to DENR Administrative Order Nos. 1998-58¹⁵ and 2005-27¹⁶. All these regulated chemicals listed in the PCL are required to comply with DAO No. 2007-23¹⁷ as part of the requirements for registration. Applicant shall submit proof of its compliance through the submission of its Priority Chemicals List (PCL) Compliance Certificate for cadmium and cadmium compounds.

Cadmium and cadmium compounds that were reported under DAO No. 2007-23 prior to this CCO are listed in **Annex A**.

SECTION 6. Information, Education and Communication (IEC)

The Department, through the Bureau, in collaboration with the industry, concerned government agencies, the academe and the non-government organizations, shall promote industrial compliance and public awareness on this Order's requirements and on the hazards posed by the use and release of cadmium and cadmium compounds in the workplace and into the environment.

The proper handling and disposal of Cadmium and Cadmium compounds shall be included in the information dissemination in order to highlight such safety protocol. The use of Cadmium and Cadmium compound-free products shall also be promoted to minimize release of Cadmium and Cadmium compounds to the environment.

SECTION 7. Public Access to Records and Confidential Business Information (CBI)

The public shall have access to records, reports or information obtained by the DENR upon request pursuant to this Order, in accordance with Section 12 of RA 6969 except information regarding trade secrets (formulations), sales figures, methods of production or industrial processes and distributions that would adversely affect the competitive position of such importers, manufacturers and industrial users.

Exemptions to this "no disclosure of information" shall be made subject to the conditions of Section 40 of the IRR of RA 6969 or other applicable laws and regulations.

SECTION 8. Compliance Monitoring Procedure

The EMB Regional Offices shall monitor compliance based on duly accomplished and submitted Self-Monitoring Report (SMR) per DAO No. 2003-2718 and the EMB-CO shall integrate the regional monitoring report for management action. In any complaints of non-compliance, sampling and testing, if necessary, shall be made using a method that conforms to international and/or national standards.

¹⁵Priority Chemicals List

¹⁶ Revised Priority Chemicals List

¹⁷ Prescribing Additional Requirements for the Issuance of Priority Chemicals List Compliance Certificate

¹⁸ Amending DAO 26, DAO 29 and AO 2000-81

SECTION 9. Revision of Requirements

The Department may amend, modify, and/or supplement the requirements and standards in this Order after prior consultation with the stakeholders and after due notice and hearing with the public on matters to be revised. The Bureau Director may issue clarificatory guidelines, if necessary.

SECTION 10. Capacity Building

The EMB Central Office shall develop and conduct continuing training program for both regulated community and regulators to ensure proper compliance of this Order.

SECTION 11. Liability

The Secretary or his duly authorized representative may cause the impoundment or confiscation of any chemical substance and its conveyance and container if there is reasonable ground to believe that the sale, storage, possession, use, manufacture, transport, import for the chemical substance does not comply with this CCO following the guidelines under EMC 2020-12¹⁹. Any importer or distributor selling to non-authorized persons or end-users shall be held liable under RA 6969.

Chemicals may be confiscated, and storage fees of confiscated chemicals shall be charged jointly and solidarily to the importer and/or distributor and end-user. The importer and distributor shall likewise be held liable together with the end-user in cases of injury or damage to public health and the environment and shall properly compensate the affected parties and restore the damaged area or areas resulting from any incident or accident involving the use, sale, manufacture and distribution of cadmium and cadmium compounds and storage, transport, treatment and disposal of cadmium-bearing or cadmium contaminated wastes.

SECTION 12. Penalty Provision

Any violation of the requirements specified in this Order shall subject the person(s) liable thereof to the applicable administrative and criminal sanction as provided for under Section 14 of Republic Act 6969, Sections 41 and 43 of DAO 29, s. 1992 and DENR Memorandum Circular No. 2005-003²⁰.

SECTION 13. Separability Clause

Should any provisions or portion of this Order be declared unconstitutional or invalid, all the other provisions of this Order shall remain valid and enforceable.

¹⁹ Rules on the Confiscation of Illegal Chemicals, Chemical Substances and Apprehension of Hazardous Waste under RA6969

²⁰ Prescribing Graduated Administrative Fines Pursuant to Republic Act No. 6969 and DENR Administrative Order 29, Series of 1992

SECTION 14. Repealing Clause

All other existing orders and related issuances inconsistent with this Order shall be repealed and modified accordingly.

SECTION 15. Effectivity

This Administrative Order shall take effect fifteen (15) days after its publication in a newspaper of general circulation and upon acknowledgment of receipt of a copy hereof by the Office of the National Administrative Register (ONAR), UP Law Center.


ROY A. CIMATU
Secretary



Publication: Philippine Daily Inquirer
October 22, 2021
Acknowledgement: U. P. Law Center
October 26, 2021

ANNEX A

Based on the PCL compliance submitted reports, the following cadmium and cadmium compounds are being imported, distributed, used or manufactured in the Philippines:

CADMIUM AND CADMIUM COMPOUNDS	
Chemical Abstracts Service (CAS) Registry Number	Chemical Name
10022-68-1	Cadmium Nitrate, Tetrahydrate / Nitric acid, Cadmium salt, Tetrahydrate
10108-64-2	Cadmium Chloride/Cadmium Chloride anhydrous
10124-36-4	Cadmium Sulfate/Sulfuric Acid Cadmium salt (1:1)
10325-94-7	Cadmium Nitrate / Nitric acid, Cadmium salt
10325-94-7	Cadmium Nitrate / Nitric acid, Cadmium salt
1306-19-0	Cadmium Oxide
1306-23-6	Cadmium Sulfide / Cadmium Yellow
2223-93-0	Octadecanoic acid, Cadmium salt
7440-43-9	Cadmium / Cadmium blue
7790-84-3	Cadmium Sulfate, Hydrate / Sulfuric acid, Cadmium salt (1:1), hydrate (3:8)



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CADMIUM AND CADMIUM COMPOUNDS
REGISTRATION FORM

I. GENERAL INFORMATION

1. COMPANY NAME: _____

2. OFFICE ADDRESS: _____

STORAGE FACILITY ADDRESS: _____

3. CONTACT PERSON: _____ DESIGNATION: _____

TELEPHONE NO: _____ FAX NO: _____ EMAIL ADDRESS: _____

4. CATEGORY OF APPLICANT / TYPE OF BUSINESS (CHECK ALL APPLICABLE)

- IMPORTER
 DISTRIBUTOR
 END-USER
 MANUFACTURER
 RECYCLER
 WASTE SERVICE PROVIDER (TRANSPORTER, TREATER, DISPOSER)

5. STATUS OF COMPLIANCE TO ENVIRONMENTAL AND OTHER PERMITS

ENVIRONMENTAL AND OTHER PERMITS ISSUED	PERMIT NO.	DATE ISSUED	VALIDITY DATE
ENVIRONMENTAL COMPLIANCE CERTIFICATE			
HAZARDOUS WASTE GENERATOR'S IDENTIFICATION			
PERMIT TO OPERATE (AIR)			
DISCHARGE PERMIT (WATER)			
TSD PERMIT			
SEC REGISTRATION			
BUSINESS PERMIT			

**II. CADMIUM AND CADMIUM COMPOUNDS
SPECIFIC INFORMATION (FOR ALL CATEGORIES, IF APPLICABLE)**

2.1 CADMIUM AND CADMIUM COMPOUNDS APPLICATION(S)

TRADE NAME	
CADMIUM AND CADMIUM COMPOUNDS COMPONENT CHEMICAL NAME	
INTENDED USE	
AVERAGE ANNUAL QUANTITY IMPORTED(MT/YEAR)	
AVERAGE ANNUAL QUANTITY USED (MT/YEAR)	
QUANTITY OF PRODUCTS PRODUCED (MT/YEAR)	
QUANTITY OF CADMIUM TREATED (FOR TSD, IN MT/YEAR)	
QUANTITY OF CADMIUM AND CADMIUM COMPOUNDS WASTE PRODUCED/ GENERATED ANNUALLY/ QUARTERLY(MT/YEAR)	

* APPLICANT MAY ADD ADDITIONAL TABLES FOR MULTIPLE PRODUCTS

**2.2 PROCESS FLOW CHART AND TYPE OF ACTIVITY USING CADMIUM AND
CADMIUM COMPOUNDS (USE ADDITIONAL SHEET, IF NECESSARY)**

III. MANAGEMENT INFORMATION

1. TOTAL NUMBER OF WORKFORCE _____

2. NUMBER OF EMPLOYEES DIRECTLY HANDLING CADMIUM AND CADMIUM
COMPOUNDS THAT MAY BE EXPOSED TO CADMIUM AND CADMIUM COMPOUNDS
RELEASES. ASSESS THE NATURE AND EXTENT OF EXPOSURE TO CADMIUM
*(PROVIDE ADDITIONAL SHEET IF NECESSARY)

3. EDUCATION AND TRAINING PROGRAM ORGANIZED FOR CADMIUM AND
CADMIUM COMPOUNDS MANAGEMENT (HANDLING, STORAGE, DISPOSAL) OVER
THE LAST YEAR (PROVIDE ADDITIONAL SHEET IF NECESSARY)

DETAILS OF THOSE TRAINING PROGRAMS ORGANIZED

TITLE / NAME	ORGANIZER	DATE/DURATION

IV. PREVENTIVE AND CONTROL MEASURES

1. DESCRIBE THE GENERAL PREVENTIVE AND CONTROL PROGRAM OF THE COMPANY FOR CADMIUM AND CADMIUM COMPOUNDS(PROVIDE ADDITIONAL SHEET IF NECESSARY)

2. DESCRIBE HOUSEKEEPING PRACTICES DEVELOPED AND IMPLEMENTED (PROVIDE ADDITIONAL SHEET IF NECESSARY)

3. IDENTIFY AND DESCRIBE EQUIPMENT(S) USED IN RELATION TO CADMIUM AND CADMIUM COMPOUNDS (PROVIDE ADDITIONAL SHEET IF NECESSARY)

4. LIST OF PERSONAL PROTECTIVE EQUIPMENT(PPE) AVAILABLE FOR PERSONNEL/WORKER DURING HANDLING AT THE PREMISE AND DURING TRANSPORTING

5. DESCRIBE IN BRIEF THE CONTINGENCY PROCEDURES/PLAN(IN CASE OF EMERGENCY)

V. **TREATMENT, STORAGE & DISPOSAL INFORMATION** (FOR ALL CATEGORIES)

1. DESCRIBE STORAGE METHODS, PROCEDURES, FACILITIES AND LOCATION (PROVIDE ADDITIONAL SHEET IF NECESSARY)

2. LIST OF ATTACHMENTS

- PERTINENT ENVIRONMENTAL PERMITS
- CADMIUM AND CADMIUM COMPOUNDS MANAGEMENT PLAN
- PROCESS FLOW CHART
- LATEST QUARTERLY SELF-MONITORING REPORT
- COPY OF PCO ACCREDITATION CERTIFICATE OR RELEVANT TRAINING CERTIFICATE
- SAFETY DATA SHEETS

NOTARIZED CERTIFICATION

THE UNDERSIGNED CERTIFY THAT THE INFORMATION PROVIDED IN THIS FORM IS TRUE AND ACCURATE.

NAME: _____

DESIGNATION / POSITION: _____

SIGNATURE : _____ DATE: _____

I ACKNOWLEDGE THAT THIS APPLICATION FORM IS A LEGALLY BINDING DOCUMENT, AND I DECLARE, UNDER THE PENALTIES OF PERJURY, THAT THE SAME HAS BEEN ACCOMPLISHED IN GOOD FAITH, VERIFIED BY ME, AND, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS TRUE AND CORRECT PURSUANT TO THE REGULATIONS ISSUED UNDER AUTHORITY THEREOF.



Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
Email: chemicals@emb.gov.ph
Visit us at: www.emb.gov.ph

**APPLICATION FOR THE IMPORTATION OF
CADMIUM AND CADMIUM COMPOUNDS**

- I. **COMPANY NAME:** _____
- II. **BUSINESS ADDRESS:** _____
STORAGE FACILITY: _____
- III. **CONTACT PERSON:** _____ **CONTACT NUMBER:** _____
POSITION/DESIGNATION: _____ **FAX NUMBER:** _____
- IV. **TYPE OF IMPORTER:** (PLEASE MARK X THE APPROPRIATE BOX/BOXES AND FILL-UP THE CORRESPONDING FIELDS)
 Importer- End User
 Importer- Distributor
- V. **ENVIRONMENTAL AND OTHER PERMITS ISSUED:**(PLEASE ATTACH COPY)
CCO FOR CADMIUM AND CADMIUM COMPOUNDS REGISTRATION No.: _____
ECC No. _____ DP No. _____
PO No. _____ DENR ID No. _____
BUSINESS PERMIT No. _____

VI. **LIST OF PROJECTED IMPORTERS/CLIENT(S) (FOR DISTRIBUTORS):**

NAME	ADDRESS & CONTACT NO.	VOLUME (METRIC TON)

*(PROVIDE ADDITIONAL SHEET IF NECESSARY)

VII. **LIST OF IMPORTERS/CLIENT(S) SUPPLIED TO (FOR RENEWAL APPLICATION OF DISTRIBUTORS):**

NAME	ADDRESS & CONTACT NO.	VOLUME (METRIC TON)

*(PROVIDE ADDITIONAL SHEET IF NECESSARY)

VIII. DATA ON SUBSTANCE SUBJECT TO IMPORTATION:

BRAND/TRADE/COMMERCIAL NAME: _____
CHEMICAL NAME OF CADMIUM/CADMIUM COMPOUND : _____
% CADMIUM (COMPOUND) IN SUBSTANCE: _____ CAS No.: _____
ALLOWED QUANTITY PER YEAR: _____ USED QUANTITY FROM PREV. PERMIT: _____
QUANTITY TO BE APPLIED (IN TONNES): _____
INTENDED USE: _____

IX. SHIPPER'S INFORMATION/TRANSACTION DATA

COUNTRY OF ORIGIN: _____
NAME OF EXPORTING COMPANY: _____
BUSINESS ADDRESS: _____
MODE OF SHIPMENT (BY AIR/SEA) _____ EXPECTED DATE OF ARRIVAL: _____
EXPECTED PORT OF ENTRY/LOADING: _____
PORT ADDRESS: _____

X. PRESENT INVENTORY OF SUBSTANCE SUBJECT FOR IMPORTATION (UNDER APPLICANT'S CUSTODY)

QUANTITY (IN METRIC TON): _____ SIZE OF STORAGE AREA (IN M²): _____

XI. ATTACHMENTS:

- PRO FORMA INVOICE
- QUARTERLY SELF-MONITORING REPORT
- TRAINING/SEMINAR ATTENDED BY THE CHEMICAL HANDLER
- OTHER DOCUMENTS AS REQUIRED IN THE PREVIOUS PERMIT'S TERMS AND CONDITIONS (FOR RENEWAL APPLICATIONS)

XII. FEES _____ **OR#** _____ **DATE** _____

I ACKNOWLEDGE THAT THIS APPLICATION FORM IS A LEGALLY BINDING DOCUMENT, AND I DECLARE, UNDER THE PENALTIES OF PERJURY, THAT THE SAME HAS BEEN ACCOMPLISHED IN GOOD FAITH, VERIFIED BY ME, AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS TRUE AND CORRECT PURSUANT TO THE REGULATIONS ISSUED UNDER AUTHORITY THEREOF.

(AUTHORIZED SIGNATURE OVER PRINTED NAME) _____

(POSITION) _____ (DATE SIGNED) _____

**CADMIUM AND CADMIUM COMPOUNDS
MANAGEMENT PLAN OUTLINE**

THIS OUTLINE SERVES AS A GUIDELINE FOR THE COMPANY'S MANAGEMENT PLAN. THE DETAILS OF THE MANAGEMENT PLAN WILL VARY DEPENDING ON THE TYPE OR PREMISES AND THE TYPE OF ACTIVITY THAT IS BEING CONDUCTED WITH A TIMETABLE FOR COMPLETION OF PARTICULAR ACTIONS.

I. STRUCTURE AND RESPONSIBILITIES / ACCOUNTABILITIES

- a. MANAGEMENT (E.G. CEO, LINE MANAGERS, SUPERVISORS)
- b. SAFETY OFFICERS AND POLLUTION CONTROL OFFICERS
- c. EMERGENCY RESPONSE TEAM
- d. PRODUCTION OPERATORS
- e. DRIVERS

II. PROCESS DESCRIPTION WHERE COMPOUNDS ARE USED

III. TRANSPORT

- a. TRANSPORT PROCEDURE WITHIN THE FACILITY
- b. TRANSPORT PROCEDURE OUTSIDE THE FACILITY
 - (i) LABELING
 - (ii) DOCUMENTS NECESSARY DURING TRANSPORT (E.G. SDS, RELEVANT PERMITS)
 - (iii) SAFETY EQUIPMENT/PPEs ON BOARD (E.G. FIRE EXTINGUISHER, MASK)

IV. STORAGE

- a. STORAGE SPECIFICATION
 - (i) STACKING
 - (ii) STORAGE TEMPERATURE / VENTILATION
 - (iii) SECURITY
 - (iv) STORAGE COMPATIBILITY WITH OTHER CHEMICALS
 - (v) PACKAGING
- b. SAFETY
 - (i) EMERGENCY EQUIPMENT (E.G. FIRE EXTINGUISHERS, EMERGENCY SHOWER, EMERGENCY EYEWASH, VACUUM, ETC.)
 - (ii) SIGNAGE/LABELING.
 - (iii) CONTAINMENT

V. HANDLING

- a. PERSONAL PROTECTIVE EQUIPMENT.
- b. PRODUCTION EQUIPMENT USING LEAD (GENERAL DESCRIPTION).
 - (i) EQUIPMENT MAINTENANCE (E.G. FILTER CLEANING, EXHAUST CHECK)
- c. HANDLING PROCEDURE / PRECAUTIONS
- d. INVENTORY

VI. DISPOSAL

- a. WASTE HANDLING
- b. WASTE STORAGE
- c. WASTE INVENTORY / TRACKING
- d. TRANSPORT
- e. TREATMENT (ON-SITE)
- f. TREATMENT (3RD PARTY)

VII. SUBSTITUTION AND PHASE-OUT PLAN

- a. ALTERNATIVES

VIII. CONTINGENCY PLAN

- a. SPILLS / LEAKS
- b. CONTACT (INHALATION, INGESTION, CONTACT)
- c. REMEDIATION PLAN/CLEAN-UP PLAN IN CASE OF ENVIRONMENTAL CONTAMINATION
TO RESTORE DAMAGED AREAS; THE COMPANY SHALL BE RESPONSIBLE FOR ALL COSTS OF MANAGING CADMIUM AND CADMIUM COMPOUNDS INCLUDING THE USE, STORAGE, HANDLING, DISPOSAL AND CLEAN-UPS.

IX. RECORDS

- a. INVENTORY REPORTS
- b. TRAINING RECORDS OF PERSONNEL
- c. MEDICAL SURVEILLANCE REPORT
- d. RECORD OF TRANSPORT AND TREATMENT
- e. WASTE WATER/GROUND WATER ANALYSIS
- f. ACCIDENT / INCIDENT REPORTS

X. HEALTH AND SAFETY PROGRAM (MEDICAL SURVEILLANCE)