



Republic of the Philippines
Department of Environment and Natural Resources
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MEMORANDUM

FOR : **The Directors**
Biodiversity Management Bureau
Ecosystems Research and Development Bureau
Forest Management Bureau
Land Management Bureau
Mines and Geosciences Bureau

FROM : **The OIC-Director**
Policy and Planning Service

SUBJECT : **DRAFT DENR ADMINISTRATIVE ORDERS ON THE
CHEMICAL CONTROL ORDER (CCO) FOR CADMIUM AND
CADMIUM COMPOUNDS AND CHROMIUM (VI)
COMPOUNDS**

DATE : **21 JAN 2021**

Forwarded herewith, for your concurrence, are the draft DAOs entitled "*Chemical Control Order (CCO) for Cadmium and Cadmium Compounds*" and "*Chemical Control Order (CCO) for Chromium (VI) Compounds*".

The policies were drafted by the Environmental Management Bureau (EMB) to reduce the risk of exposure to human health and the environment; increase awareness and the availability of technically superior and safer alternatives; develop framework for proper implementation of appropriate prevention-based programs to mitigate, reduce and eliminate risks from the use; and provide guidelines and assistance to identify and release potential exposure industrial facilities to reduce worker's exposure.

The policies were deliberated by the DENR-Policy Technical Working Group (PTWG) on 29 October 2020. Based on the agreement during the said meeting, the PTWG Secretariat shall draft the Completed Staff Work (CSW) and shall forward the revised draft policies for vetting by the Bureau Directors.

Salient Features of the draft DAO

Legal Basis

Pursuant to Republic Act (RA) 6969 otherwise known as the "Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990", its Implementing Rules and

Regulations (DAO 1992-29), and DAO 05, Series of 2005 or the "Toxic Substances for Issuances of Chemical Control Orders".

Scope and Coverage

By virtue of its mandate under RA 6969, the DENR is the lead implementing agency in issuing Chemical Control Orders that prohibit, limit, or regulate the use, manufacture, import, export, transport, processing, storage, possession and wholesale of those priority chemicals that DENR-EMB determined to be regulated, phase-out, or banned because of the serious risks they pose to public health, workplace, and environment.

Action Requested

Should you concur with the proposed DAOs, please notify this Office in writing **on or before 27 January 2021**. Otherwise, your lack of feedback shall be considered as your concurrence or no objection to the said proposed policies, which we shall endorse for vetting by the Undersecretaries prior to the approval by the Secretary.

Attached are the draft DAOs "*Chemical Control Order (CCO) for Cadmium and Cadmium Compounds*" and "*Chemical Control Order (CCO) for Chromium (VI) Compounds*".

For your consideration and preferential action, please.


MELINDA C. CAPISTRANO



DENR Administrative Order

No. 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.

48 **SECTION 2. Definition of Terms**

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

51

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.

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b. Bureau – the Environmental Management Bureau of the Department of Environment and Natural Resources

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c. Cadmium – a naturally occurring element existing as soft, silver-white metal or grayish-white powder that can exist as elemental cadmium.

57

58

d. Cadmium compounds – are chemical compounds that contain cadmium.

59

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

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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.

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g. Department – the Department of Environment and Natural Resources

69

h. Distributor – any entity or corporation that is engaged in the distribution of cadmium and cadmium compounds.

70

71

i. Importer – any juridical person or corporation that undertakes the entry of a chemical or chemical substances into the country.

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73

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

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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.

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l. Premises – shall include, but not limited to, buildings or parts of buildings, tents, stalls or other facility structures whether permanent or temporary.

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81

m. Process – is the preparation of chemical substance or mixture after its manufacture (industrial operations) for commercial distribution.

82

83

n. Storage – containment area for supply or stock reserve kept for future use, safekeeping or disposal

84

- 85 o. Transporter – a person or entity registered to legally transport cadmium as described
86 in the scope of this Order
- 87 p. Treatment, Storage and Disposal (TSD) Facility – Facility where hazardous wastes
88 are transported, stored, treated, recycled, reprocessed, and disposed of.
- 89 q. Unreasonable Risk - expected high frequency of undesirable effects or adverse
90 responses arising from a given exposure to a substance.
- 91
- 92 r. Waste Generator – any person who generates or produces hazardous wastes, through
93 any institutional, commercial, industrial, or trade activities.
94
95

96 **SECTION 3. Coverage**

97 **3.1. This Order shall cover the following:**

- 98
- 99 3.1.1. Importers
- 100 3.1.2. Distributors
- 101 3.1.3. Manufacturers, processors, and industrial users
- 102 3.1.4. Transporters
- 103 3.1.5. Treatment, Storage and Disposal (TSD) Facilities
- 104 3.1.6. Laboratory Facilities

105 Cadmium and cadmium compounds were included in the Priority Chemicals List
106 (PCL) under DENR Administrative Orders No. 98-58 ¹and 2005-27², wherein importers-
107 distributors, and importer-user-manufacturers/user-manufacturers of PCL chemicals were
108 required to submit reports and comply with PCL requirements. Cadmium and cadmium
109 compounds reported under the PCL shall continue to be allowed under this Administrative
110 Order (Annex A).
111

112 Exemptions under EMB Memorandum Circular Nos. 2014-003³ and 2017-007 ⁴ shall
113 not apply under this Order. Previously PCL exempted importers-distributors, and importer-
114 user-manufacturers/user-manufacturers of cadmium and cadmium compounds are required to
115 register under this Order.
116

117 Cadmium compounds not listed in the PICCS are subject to Pre-manufacture and Pre-
118 importation Notification (PMPIN) prior to importation and use of the chemical substance.
119

120 **3.2. Cadmium not within the Scope of RA 6969**

121

122 Any Cadmium in products and materials not considered as chemical substance or
123 mixture, such as, but not limited to batteries, toys, electronic equipment, jewelries, ceramics,
124 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)

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

127
128 Further, any Cadmium, in chemical substances and mixtures, regulated by other laws
129 such as food, drugs, cosmetics, fertilizers, pesticides, radioactive materials, fuel products are
130 not within the scope of Republic Act 6969.

131
132 However, in view of the health and environmental effects of cadmium, the use of
133 products not containing cadmium is encouraged to prevent and minimize release of cadmium
134 to the environment.

135
136

137 **SECTION 4. General Requirements and Procedures**

138

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

144

145

146 **4.1 Registration and Permitting**

147

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

151

152 a. Any person or entity that is a new applicant and/or newly involved in the
153 importation, manufacture, distribution and industrial use of any Cadmium and
154 Cadmium compounds.

155

156 b. Any person or entity with existing Priority Chemical List (PCL) Compliance
157 Certificate, with Priority Chemical List (PCL) exemptions issued under EMB
158 MC 2014-003⁵ or users of cadmium and cadmium compounds whose Priority
159 Chemical List (PCL) fall under EMB Memorandum Circular 2017-007⁶ for
160 cadmium and cadmium compounds. The proponent should apply for a
161 Chemical Control Order (CCO) Registration.

162

163 c. Any person or entity involved in the transport, recycling, treatment, storage
164 and disposal of cadmium containing wastes must register and comply all
165 applicable provisions of the RA 6969 Rules and Regulations on Hazardous
166 Waste Management;

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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)

171 **4.2 Importation Requirements**

172
173 Any person or entity that imports cadmium and cadmium compounds shall apply
174 for an importation clearance (**Annex C**) online through the Online Permitting and
175 Monitoring System (OPMS) of the Bureau. The validity of the importation clearance
176 shall be for a period of six months. Importation clearances shall be issued per trade
177 name of products.

178
179 **4.3 Required Documents**

180
181 The application for registration and importation clearance, including importation
182 clearance renewal, must be accompanied by the following documents:

- 183
184 a. Photocopy of the Environmental permits such as the following:
- 185 • Hazardous Waste Generator's ID
 - 186 • Valid Discharge Permit
 - 187 • Valid Permit to Operate
 - 188 • Environmental Compliance Certificate
- 189 b. Photocopy of Registration with the Securities and Exchange Commission
190 (SEC) or Department of Trade and Industry (DTI), with an updated list of
191 its officers
- 192 c. Photocopy of Business Permit
- 193 d. Photocopy of Safety Data Sheet (SDS) from the manufacturing firm
- 194 e. Cadmium and Cadmium Compounds Management Plan (**Annex D**)
- 195 f. Emergency and Contingency Plan
- 196 g. Photo of Storage facility
- 197 h. Notarized Certificate of Liabilities to compensate damages
- 198 i. Copy of PCO Accreditation Certificate
- 199 j. Latest Self-Monitoring Report
- 200

201 **4.4 Cadmium and Cadmium Compounds Management Plan**

202
203 The applicant shall submit the Chemical Management Plan, following the
204 prescribed outline in Annex D and the chemical's Safety Data Sheet to ensure that
205 cadmium and cadmium compounds are managed in a manner that will eliminate or
206 minimize its risk to human health and the environment.

207
208 Furthermore, distributors of cadmium and cadmium compounds are required to
209 have a record of users of their materials.

210
211 **4.5 Labeling Requirements**

- 212
213 4.5.1 Labeling requirements conforming to the provisions of Globally
214 Harmonized System (GHS) as promulgated by the Bureau under DAO No.
215 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

- 216 4.5.2 Storage cabinets, housing specimens and objects suspected of, or known to
217 be contaminated with cadmium and cadmium compounds shall be labelled
218 with a warning sign that indicates "Cadmium and Cadmium Compounds"
219 and stating its main hazards; and
220 4.5.3 Waste labeling shall be in accordance with current procedural manual on
221 hazardous waste management. Cadmium and cadmium compounds wastes
222 should be stored in secured places, with provisions for appropriate
223 emergency response in case of accidents.
224

225 4.6 Emergency and Contingency Plan

226
227 The applicant shall provide the company's emergency plan in cases of
228 accidents and foreseeable incidents involving cadmium and cadmium compounds but
229 not limited to spills, fire, exposure and natural calamities. The Emergency and
230 Contingency Plan shall be in accordance to Section 8.2 of DAO 2013-22⁹ and in
231 relation with Section 8 of the Safety Data Sheet (Exposure controls/Personal
232 Protection).
233

234 4.7 Manufacturing Requirements

235
236 The Applicant shall comply with the following:

- 237
238 4.7.1 Management Operation Flow Chart and process description where
239 cadmium and cadmium compounds are used. All necessary measures and
240 procedures by means of engineering controls, work practices and hygiene
241 facilities and practices to reduce the dispersion of cadmium and cadmium
242 compounds into the environment and to minimize employee exposure to
243 cadmium and cadmium compounds;
244
245 4.7.2 Provision of appropriate Personal Protective Equipment (PPE) to workers.
246 Proper PPEs should be used when handling cadmium and cadmium
247 compounds. Some examples of protective clothing and equipment that
248 may be necessary include, but are not limited to, gloves, aprons, coveralls,
249 foot coverings and goggles. If required, wear a fit-tested respirator
250 equipped with high efficiency particulate air (HEPA) filters (refer also to
251 the Safety Data Sheet of the chemical);
252
253 4.7.3 Establish a regulated area wherever an employee's exposure to airborne
254 concentrations of cadmium is **high, and shall ensure that said areas** are
255 demarcated from the rest of the workplace in a manner that adequately
256 establishes and alerts employees of the boundaries of the **said** regulated
257 area;
258
259 4.7.4 Appropriate environmental permits such as Environmental Compliance
260 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

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

263
264 4.7.5 Regular self- monitoring of each potential source of emissions (air quality)
265 and discharges (water quality) following the standards for cadmium in the
266 Philippine Clean Air Act (RA 8749) and DAO 2016-08¹⁴;

267
268 **4.8 Training Requirements**

269
270 4.8.1 Regular basic awareness, knowledge and training of employees and
271 industrial users shall be conducted for appropriate work practices to
272 minimize the risk of exposure to Cadmium and Cadmium Compounds
273 during production or on the risk potentials involved in the storage,
274 handling, use, manufacture, transport and/or disposal of generated wastes
275 of cadmium and cadmium compounds. Any of the following evidence
276 shall be submitted.

277
278 4.8.1.1 Copies of Training Certifications or Training Modules on
279 cadmium and cadmium compounds.

280 4.8.1.2 PCO Accreditation Certificate

281
282 **4.9 Handling and Storage Requirements**

283
284 4.9.1 Proper Inventory, Stacking/Stockpiling and security practices;

285
286 4.9.2 Available and accessible Safety Data Sheet (SDS) at all times.

287
288 4.9.3 Adequate storage facility with proper labeling, signage, compatibility with
289 other chemicals and safety equipment;

290
291 4.9.4 Maintenance of storage records and packaging

292
293 **4.10 Transport, Treatment, , Storage and Disposal (TSD) Requirements**

294
295 All hazardous waste generators, transporters and TSD Facilities must comply with
296 the current procedural manual on hazardous waste management.

297
298 **4.11 Substitution and Phase-out Plan**

299
300 The Department through the Bureau may develop a phase-out plan for uses of
301 cadmium and cadmium compounds. Such phase-out plan will be for consultation to
302 related stakeholders and agencies.

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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)

306 **SECTION 5. Previous Compliance with Priority Chemicals List (PCL)**
307

308 Prior to the issuance of this Order, cadmium and cadmium compounds are listed in
309 the Priority Chemicals List (PCL) pursuant to DENR Administrative Order Nos. 1998-58
310 ¹⁵and 2005-27¹⁶. All these regulated chemicals listed in the PCL are required to comply with
311 DAO No. 2007-23¹⁷ as part of the requirements for registration. Applicant shall submit
312 proof of its compliance through the submission of its Priority Chemicals List (PCL)
313 Compliance Certificate for cadmium and cadmium compounds.
314

315 Cadmium and cadmium compounds that were reported under DAO No. 2007-23 prior
316 to this CCO are listed in **Annex A**.
317

318
319 **SECTION 6. Information, Education and Communication (IEC)**
320

321 The Department, through the Bureau, in collaboration with the industry, concerned
322 government agencies, the academe and the non-government organizations, shall promote
323 industrial compliance and public awareness on this Order's requirements and on the hazards
324 posed by the use and release of cadmium and cadmium compounds in the workplace and into
325 the environment.
326

327 The proper handling and disposal of Cadmium and Cadmium compounds shall be
328 included in the information dissemination in order to highlight such safety protocol. The use
329 of Cadmium and Cadmium compound-free products shall also be promoted to minimize
330 release of Cadmium and Cadmium compounds to the environment.
331

332
333 **SECTION 7. Public Access to Records and Confidential Business Information (CBI)**
334

335 The public shall have access to records, reports or information obtained by the DENR
336 upon request pursuant to this Order, in accordance with Section 12 of RA 6969 except
337 information regarding trade secrets (formulations), sales figures, methods of production or
338 industrial processes and distributions that would adversely affect the competitive position of
339 such importers, manufacturers and industrial users.
340

341 Exemptions to this "no disclosure of information" shall be made subject to the
342 conditions of Section 40 of the IRR of RA 6969 or other applicable laws and regulations.
343

344
345 **SECTION 8. Compliance Monitoring Procedure**
346

347 The EMB Regional Offices shall monitor compliance based on duly accomplished and
348 submitted Self-Monitoring Report (SMR) per DAO No. 2003-2718 and the EMB-CO shall
349 integrate the regional monitoring report for management action. In any complaints of non-
350 compliance, sampling and testing, if necessary, shall be made using a method that conforms
351 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

352 **SECTION 9. Revision of Requirements**

353

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

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359

360 **SECTION 10. Capacity Building**

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

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366 **SECTION 11. Liability**

367

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

374

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

383

384

385 **SECTION 12. Penalty Provision**

386

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

391

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393 **SECTION 13. Separability Clause**

394

395 Should any provisions or portion of this Order be declared unconstitutional or invalid,
396 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

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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

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)



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

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** _____

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(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)