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(ACE 65/94)
for advice

Waste Disposal (Amendment) Bill

Introduction

This paper seeks Members' endorsement of the proposed Waste Disposal (Amendment) Bill (at Annex) which provides for control of the import and export of hazardous and other wastes. The Bill also seeks to effect other minor amendments to the Waste Disposal Ordinance (WDO) (Cap. 354) to improve the administration of licensing control; to bring the term of service of the appeal board in line with similar appeal boards set up under other environmental legislation; and to provide flexibility for implementing charging proposals.

Background

2. International concerns about the potential adverse environmental impacts of the waste trade led to negotiations for its control during the 1980s. As a result, an international convention, known as the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal, was concluded under the auspices of the United Nations Environment Programme to provide a framework for controlling the transboundary movement of hazardous and other wastes. The Convention requires parties, among other things, to:

- (a) prohibit export of hazardous and other wastes unless the exporter has obtained the consent of the state of import and transit (if applicable);
- (b) prevent the import of hazardous and other wastes if there are reasons to believe that they will not be managed in an environmentally sound manner; and
- (c) require that information about a proposed transboundary movement of hazardous and other wastes be provided to the states concerned.

Furthermore, the Convention prohibits trade in hazardous and other wastes with non-parties except under separate bilateral or multilateral agreements which are compatible with the requirements of the Convention.

3. The Basel Convention came into force on 5 May 1992 and thus far, 74 states have ratified it. The Waste Disposal (Amendment) Bill seeks to establish a local regulatory regime which is compatible with the requirements of the Convention. This will enable us to conclude bilateral agreement with parties to the Convention or to have the Convention extended to Hong Kong if so decided in due course. Otherwise, Hong Kong's existing waste trade with countries which are parties to the Convention will be adversely affected.

Transboundary Movement of Wastes

4. In order to implement a proper control framework for import and export of hazardous and other wastes, we propose to introduce a permit system whereby potential exporters and importers have to apply to the Waste Disposal Authority (the Director of Environmental Protection) in the prescribed form for a permit before effecting any transboundary movement of wastes. Such a system can be provided for by repealing the existing Section 20 of the WDO, which provides only for control on imports; and add a new Part IVA, consisting of Sections 20A through 20F, to specify the permit system.

5. The wastes proposed to be subject to control are set out in two schedules (6 and 7) to the WDO. Schedule 6 wastes will have minimal environmental effect if properly handled and hence will only be subject to control if they are contaminated and imported or exported for purposes other than recycling, recovery or reprocessing. Schedule 7 wastes are likely to create significant health hazard and risk of pollution when not handled properly. Hence, their import and export will be subject to control regardless of purposes. Wastes not specified in the two Schedules will also be subject to control and the Authority is empowered under Section 20E to amend the Schedules so that they can be classified in the appropriate Schedules eventually. The import and export of any wastes derived from the normal operation of a vessel, aircraft, train or vehicle will be exempted from control.

6. Under the proposed amendment, it will be an offence for a person to:

- (a) import or export waste without permission of the Authority, or with permission which is obtained through falsification;
- (b) breach any permit condition; or
- (c) contravene any direction issued by the Authority in relation to environmental sound management of waste.

The proposed penalty is a maximum fine of \$200,000 and six months' imprisonment for the first offence and \$500,000 and six months' imprisonment for the second or subsequent offences.

Other Miscellaneous Amendments

7. At present, there is no clear reference in the WDO to the considerations leading to the Waste Disposal Authority's decision to refuse a licensing application. These are now spelt out in the proposed Section 21(6) and 21(7). This will provide a better legal framework for processing licensing applications.

8. The present terms of service of the chairman and members of the appeal board set up under the WDO are two years and unspecified respectively. We propose to amend both to "not more than three years" to bring them in line with similar appeal boards set up under other environmental legislation.

9. Sometimes for the purpose of achieving effective waste management objectives, it may be necessary to reduce charges for a particular class of wastes, type of vehicles or reception point. Hence, we propose to amend Section 33(1)(j) of the WDO to enable the Director of Environmental Protection to do so. Moreover, we are working out appropriate wording with the Law Draftsman to include a provision for the imposition of surcharges on late payment of charges payable under this Section.

Public Consultation

10. Industry associations and companies affected by the Bill have been consulted on the proposed control over transboundary movement of wastes. The proposed amendments were generally supported.

Advice Sought

11. Members are requested to advise whether the Waste Disposal (Amendment) Bill at Annex should be recommended to the Governor in Council.

A BILL

To

Amend the Waste Disposal Ordinance.

Enacted by the Governor of Hong Kong, with the advice and consent of the Legislative Council thereof.

1. Short title and commencement

(1) This Ordinance may be cited as the Waste Disposal (Amendment) Ordinance 1994.

(2) This Ordinance shall come into operation on a day to be appointed by the Governor by notice in the Gazette.

2. Prohibition on import of waste into Hong Kong

Section 20 of the Waste Disposal Ordinance (Cap. 354) is repealed.

3. Part added

The following is added immediately before Part V -

"PART IVA

CONTROL OF MOVEMENT OF WASTE INTO
AND OUT OF HONG KONG

20A. Permission for import of waste

(1) A person who wishes to import into Hong Kong -

- (a) any waste of a kind specified in Schedule 6, unless the waste is uncontaminated and is to be imported for the purpose of a reprocessing, recycling or recovery operation or the re-use of the waste; or
 - (b) any waste of a kind specified in Schedule 7, or not otherwise specified in Schedule 6,
- shall apply to the waste disposal authority for permission for such import.

(2) An application under this section shall be in the prescribed form and shall be accompanied by -

- (a) documents confirming the contractual arrangement, if any, for the disposal or re-use of the waste;
- (b) a contingency plan showing the procedures to be followed in case of accident;
- (c) documents confirming the existence of -
 - (i) liability insurance to cover claims arising out of damage to human health, property and the environment which may result from the import operation; and
 - (ii) a bond, or other guarantee acceptable to the waste disposal authority, providing for payment to the Authority of the cost of any seizure or disposal of the waste under section 20D that may occur; and
- (d) the prescribed fee.

(3) The waste disposal authority may either grant, with or without conditions, or refuse to grant permission for the import of the waste, and shall notify the applicant of his decision and, in the case of refusal, the reasons for such refusal.

(4) The waste disposal authority shall not grant permission for the import of any waste unless he is satisfied -

- (a) that the waste in question will be managed in Hong Kong in accordance with the laws of Hong Kong and in an environmentally sound manner; and
- (b) in the case of waste to be imported other than for the purpose of re-use or a reprocessing, recycling or recovery operation, that -

- (i) the state of export does not have facilities for disposal of the waste in question in conformity with generally recognized and accepted international environmental standards;
 - or

- (ii) the import of the waste is required for a purpose that the waste disposal authority considers to be in the public interest; or

- (c) in the case of waste to be imported for re-use or for a reprocessing, recycling or recovery operation, that the waste in question is required as a raw material for such re-use or operation.

(5) This section does not apply to the import of any waste into Hong Kong by a vessel, aircraft, train or vehicle if such waste is incidental to or derived from the normal operation of the vessel, aircraft, train or vehicle or its equipment.

20B. Permission for export of waste

(1) Any person who wishes to export from Hong Kong -

- (a) any waste of a kind specified in Schedule 6, unless the waste is uncontaminated and is to be exported for the purpose of a reprocessing, recycling or recovery operation or the re-use of the waste; or
- (b) any waste of a kind specified in Schedule 7, or not otherwise specified in Schedule 6,

shall apply to the waste disposal authority for permission for such export.

(2) An application shall be in the prescribed form and shall be accompanied by -

- (a) documents confirming the contractual arrangements, if any, for the disposal or re-use of the waste;
- (b) documents confirming the existence of -
 - (i) liability insurance to cover claims arising out of damage to human health, property and the environment which may result from the transport, disposal or re-use of the waste; and

(ii) a bond, or other guarantee, providing for payment to the competent authority of the state of import and each state of transit of the cost of any seizure or disposal of the waste by such competent authority; and

(c) the prescribed fee.

(3) The waste disposal authority may either grant, with or without conditions, or refuse to grant permission for the export of the waste, and shall notify the applicant of his decision and, in the case of refusal, the reasons for such refusal.

(4) The waste disposal authority shall not grant permission to export any waste unless he is satisfied -

- (a) that the competent authority of the state of import and of each state of transit has consented to the import or transit, as the case may be, of the waste;
- (b) that the competent authority of the state of import and of each state of transit has confirmed that its laws as regards the existence of liability insurance as mentioned in subsection (2)(b)(i) and a bond or other guarantee as mentioned in subsection (2)(b)(ii) have been complied with in respect of the proposed export;
- (c) that the waste in question will be managed or disposed of in an environmentally sound manner;

(d) that the waste in question will not be disposed of within the area south of 60 degrees South latitude; and

(e) in the case of waste to be exported other than for the purpose of a reprocessing, recycling or recovery operation or the re-use of the waste, that -

(i) Hong Kong does not have the facilities, capacity or disposal sites that would allow disposal of the waste in question in an environmentally sound manner; or

(ii) the export of the waste in question is required for a purpose which the waste disposal authority considers necessary including that relating to the environmentally sound and efficient management of the waste disposal system in Hong Kong; or

(f) in the case of waste to be exported for the purpose of any reprocessing, recycling or recovery operation or for re-use, that the waste in question is required as a raw material for such reprocessing, recycling or recovery operation or re-use in the state of import.

(5) This section does not apply to the export of any waste from Hong Kong by a vessel, aircraft, train or vehicle if such waste is incidental to or derived from the normal

operation of the vessel, aircraft, train or vehicle or its equipment.

20C. General provisions regarding import and export of waste

The waste disposal authority may from time to time, in relation to the import or export of any waste to which section 20A or 20B applies, or the management of such waste, issue directions -

- (a) as to the packaging, labelling, handling, transport and disposal of such waste;
- (b) requiring the waste to be accompanied, from the commencement of the consignment to the point of disposal, by a movement document containing such information or particulars as the waste disposal authority may require;
- (c) requiring an applicant for the export of such waste to take back the waste in question when the consignment cannot be completed; and
- (d) requiring an applicant for the import of such waste to notify in writing the exporter and the competent authority of the state of export of receipt by the point of disposal of the waste in question and of the completion of disposal.

20D. Offences

(1) Any person who imports into Hong Kong any waste to which section 20A applies, or exports from Hong Kong any waste to which section 20B applies -

- (a) without permission of the waste disposal authority;
- (b) with permission of the waste disposal authority which is obtained through falsification, misrepresentation or fraud;
- (c) in breach of a condition of a permit issued under this Part for the import or export of such waste;
- (d) in contravention of any direction of the waste disposal authority issued or imposed under section 20C; or
- (e) that does not conform in a material way with the description of the waste given in the application under section 20A or 20B, as the case may be,

commits an offence and is liable to a fine of \$200,000 and imprisonment for 6 months for the first offence and \$500,000 and imprisonment for 6 months for the second or subsequent offences.

(2) Where a person is convicted of an offence under subsection (1), the waste disposal authority may -

- (a) seize and dispose of the waste; or
- (b) by notice in writing require the convicted person, within a specified time -
 - (i) in the case of export, to take back the waste in question into Hong Kong, or, if that is not reasonably practicable, to dispose of the waste

in question in an environmentally sound manner;

- (ii) in the case of import, to return the waste to the state of export, or, to dispose of the waste in Hong Kong to the satisfaction of the waste disposal authority.

(3) If any person fails to comply with a notice given under subsection (2)(b) he commits an offence and is liable to the same penalty as under subsection (1); and the waste disposal authority may, without further notice, seize and dispose of the waste in question.

(4) Where the waste disposal authority seizes or disposes of any waste under subsection (2)(a) or (3), the importer or exporter of the waste, as the case may be, shall be liable to the waste disposal authority for his costs of such seizure and disposal, and the waste disposal authority may recover from such person, as a civil debt, the costs of such seizure or disposal.

20E. Amendment of Schedules 6 and 7

The waste disposal authority may by notice published in the Gazette amend the list of wastes in Schedule 6 and Schedule 7.

20F. Interpretation

(1) In this Part , unless the context otherwise requires -

"competent authority" means the authority designated by the government of a sovereign state to be responsible, within such geographical areas as that government deems, for receiving the notification of transboundary movement of waste, and any such information related to such movement, and for responding to such notification;

"disposal", in relation to waste, means any transfer operation, storage, reprocessing, recycling, material recovery, deposit, destruction, discharge (whether into water or into a sewer or drain or otherwise) or burial (whether underground or otherwise), and "dispose of" shall be construed accordingly;

"export" means to take or cause to be taken out of any state, territory or geographical area;

"exporter", in relation to waste, means any person who arranges for waste to be exported;

"import" means to bring or cause to be brought into any state, territory or geographical area;

"importer", in relation to waste, means any person who arranges for waste to be imported;

"management" in relation to waste means/includes the handling, transportation, disposal and re-use of the waste;

"state of export", in relation to a movement of waste, means a state, territory or geographical area from which a movement of waste into Hong Kong is planned to be initiated or is initiated;

"state of import", in relation to a movement of waste, means a state, territory or geographical area to which a movement of waste from Hong Kong is planned to take place for the purpose of disposal or re-use in that state, territory or geographical area or for the purpose of loading prior to disposal or re-use in an area not under the national jurisdiction of any state;

"state of transit" means any state, territory or geographical area, other than Hong Kong or the state of export or the state of import, through which a transboundary movement of waste is planned or takes place;

"transboundary movement" means any movement of waste from an area under the national jurisdiction of one state or territory to or through an area under the national jurisdiction of another state or territory, or to or through an area not under the national jurisdiction of any state, where at least two such states or territories are involved in the movement.

(2) For the purposes of this Part, waste is contaminated if it is contaminated by other material to an extent which -

- (i) significantly increases the risk to human health, property or the environment associated with the waste; or
- (ii) prevents the recovery of the waste in an environmentally sound manner,

and "uncontaminated" in relation to waste shall be construed accordingly.

(3) For the purposes of this Part, waste is managed or disposed of in an environmentally sound manner if it is managed or disposed of in a manner which will, as far as is practicable, protect human health and the environment against any adverse effects which may result from such waste."

4. Applications for and grant of licences

Section 21 is amended by adding -

"(6) The waste disposal authority shall not grant a licence under this section where he considers that, even by imposing terms or conditions under section 22 -

- (a) the operation will not be able to achieve all the limits, and requirements, and quality standards and quality objectives prescribed in -
 - (i) the Air Pollution Control Ordinance (Cap. 311);
 - (ii) the Water Pollution Control Ordinance (Cap. 358); and
 - (iii) the Noise Control Ordinance (Cap. 400), and their subsidiary legislation;
- (b) any emission or discharge arising from the operations would be or are likely to be a danger to public health, a source of pollution to the environment or a source of nuisance to the neighbouring area.

(7) The waste disposal authority is not required to consider an application under section 21(2) unless it is made by the owner or lawful occupier of the land or premises used for the conduct of the waste disposal operation in question."

5. When appeal may be brought

Section 24(1)(b) is repealed and the following substituted -

"(b) section 20A(3) and 20B(3) (refusing to give permission for the import of waste into or the export of waste from Hong Kong);".

6. Constitution of Appeal Board

Section 25 is amended -

(a) in subsection (3), by repealing "2 years" and substituting ^{not more than} "3 years"; and

(b) by adding -

"(4A) A member of ^{not more than} the panel shall be appointed for a term of 3 years but may be reappointed."

7. Mental ingredients of offences under sections 11, 15, 15A, 16 and 17 or certain offences under the Ordinance

Section 31 is amended by adding ", 20D" after "17".

8. Regulation

Section 33(1)(j) is amended by adding after "class of waste" - "or the exemption of any person from the whole or part of charges so payable, and without prejudice to the generality of the foregoing different levels of charges may be payable for -

- (a) wastes of different classes or description;
- (b) wastes delivered in different types of vehicles;
and
- (c) wastes received at different waste reception points;".

9. Schedules added

The following are added -

SCHEDULE 6

[s.20A, 20B, 20C]

[Waste to which Section 20A(1)(a) and 20B(1)(a) apply]

A. METAL AND METAL-ALLOY WASTES IN METALLIC, NON DISPERSIBLE FORM(**)

The following waste and scrap of precious metals and their alloys -

- | | |
|---------|--------------------------------------------------------------------------------------------------------------|
| 7112 10 | Of gold |
| 7112 20 | Of platinum (the expression "platinum" includes platinum, iridium, osmium, palladium, rhodium and ruthenium) |
| 7112 90 | Of other precious metal, e.g. silver |

- N.B. 1. Mercury is specifically excluded as a component of these metals.
2. Electrical assemblies wastes and electronic scrap shall consist only of metals or alloys.
3. Electrical scrap.

The following ferrous waste and scrap; remelting scrap ingots of iron or steel -

7204 10	Waste and scrap of cast iron
7204 21	Waste and scrap of stainless steel
7204 29	Waste and scrap of other alloy steels
7204 30	Waste and scrap of tinned iron and steel
7204 41	Turnings, shavings, chips, milling waste, filings, trimmings and stampings, whether or not in bundles
7204 49	Other ferrous waste and scrap
7204 50	Remelting scrap ingots
ex 7302 10(*)	Used iron and steel rails

The following waste and scrap of non-ferrous metals and their alloys -

7404 00	Copper waste and scrap
7503 00	Nickel waste and scrap
7602 00	Aluminium waste and scrap
ex 7802 00	Lead waste and scrap
7902 00	Zinc waste and scrap
8002 00	Tin waste and scrap
ex 8101 91	Tungsten waste and scrap
ex 8102 91	Molybdenum waste and scrap
ex 8103 10	Tantalum waste and scrap
8104 20	Magnesium waste and scrap
ex 8105 10	Cobalt waste and scrap
ex 8106 00	Bismuth waste and scrap

ex 8107 10	Cadmium waste and scrap
ex 8108 10	Titanium waste and scrap
ex 8109 10	Zirconium waste and scrap
ex 8110 00	Antimony waste and scrap
ex 8111 00	Manganese waste and scrap
ex 8112 11	Beryllium waste and scrap
ex 8112 20	Chromium waste and scrap
ex 8112 30	Germanium waste and scrap
ex 8112 40	Vanadium waste and scrap
ex 8112 91	Wastes and scrap of -
	Hafnium
	Indium
	Niobium
	Phenium
	Gallium
	Thallium
ex 2805 30	Thorium and rare earths waste and scrap
ex 2804 90	Selenium waste and scrap
ex 2804 50	Tellurium waste and scrap

B. OTHER METAL BEARING WASTES ARISING FROM MELTING, SMELTING AND REFINING OF METALS

2620 11	Hard zinc spelter
	Zinc containing drosses -
	Galvanizing slab zinc top dross (> 90% Zn)
	Galvanizing slab zinc bottom dross (> 92% Zn)

Zinc die cast dross (> 85% Zn)

Hot dip galvanizers slab zinc dross (batch)
(> 92% Zn)

Zinc skimmings

Aluminium skimmings

ex 2620 90 Slags from precious metals and copper processing
for further refining

C. WASTES FROM MINING OPERATIONS: THESE WASTES TO BE IN NON-DISPERSIBLE FORM(**)

ex 2504 90 Natural graphite waste

ex 2514 00 Slate waste, whether or not roughly trimmed or
merely cut, by sawing or otherwise

2525 30 Mica waste

ex 2529 21 Feldspar; leucite; nepheline and nepheline
syenite; fluorspar - containing by weight 97%
or less of calcium fluoride

ex 2804 61 Silica wastes in solid form excluding those used

ex 2804 69 in foundry operations

D. SOLID PLASTIC WASTES

Including, but not limited to -

3915 Waste, parings and scrap of plastics as follows -

3915 10 Of polymers of ethylene

3915 20 Of polymers of styrene

3915 30 Of polymers of vinyl chloride

- 3915 90 Polymerized or co-polymerized
- Polypropylene
 - Polyethylene terephthalate
 - Acrylonitrile copolymer
 - Butadiene copolymer
 - Styrene copolymer
 - Polyamides
 - Polybutylene terephthalates
 - Polycarbonate
 - Polyphenylene sulphides
 - Acrylic polymers
 - Paraffins (C10-C13)
 - Polyurethane (not containing
chlorofluorocarbons)
 - Polysiloxanes (silicones)
 - Polymethyl methacrylate
 - Polyvinyl alcohol
 - Polyvinyl butyral
 - Polyvinyl acetate
 - Fluorinated polytetrafluoroethylene
(Teflon, PTFE)
- 3915 90 Resins or condensation products of -
- Urea formaldehyde resins
 - Phenol formaldehyde resins
 - Melamine formaldehyde resins
 - Epoxy resins
 - Alkyd resins
 - Polyamides

E. PAPER, PAPERBOARD AND PAPER PRODUCT WASTES

- 4707 Waste and scrap of paper or paperboard as follows -
- 4707 10 Of unbleached kraft paper of paperboard or of corrugated paper or paperboard
- 4707 20 Of other paper or paperboard, made mainly of bleached chemical pulp, not colored in the mass
- 4707 30 Of paper or paperboard made mainly of mechanical pulp (for example, newspapers, journals and similar printed matter)
- 4707 90 Other, including but not limited to -
1. Laminated paperboard
 2. Unsorted waste and scrap

F. GLASS WASTE IN NON-DISPERSIBLE FORM(**)

- ex 7001 00 Cullet and other waste and scrap of glass except for glass from cathoderay tubes and other activated glasses
- Fibre glass wastes

G. CERAMIC WASTES IN NON-DISPERSIBLE FORM(**)

- ex 6900 00 Wastes of ceramic which have been fired after shaping, including ceramic vessels
- ex 8113 00 Cermets waste and scrap
- Ceramic based fibres not otherwise specified in Schedule 7

H. TEXTILE WASTES

- 5003 Silk waste (including cocoons unsuitable for reeling, yarn waste and garnetted stock) as follows -
- 5003 10 Not carded or combed
- 5003 90 Other
- 5103 Waste of wool or of fine or coarse animal hair, including yarn waste but excluding garnetted stock as follows -
- 5103 10 Noils of wool or of fine or coarse animal hair
- 5103 20 Other waste of wool or of fine animal hair
- 5103 30 Waste of coarse animal hair
- 5202 Cotton waste (including yarn waste and garnetted stock) as follows -
- 5202 10 Yarn waste (including thread waste)
- 5202 91 Garnetted stock
- 5202 90 Other
- 5301 30 Flax tow and waste
- ex 5302 90 Tow and waste (including yarn waste and garnetted stock) of true hemp (*Cannabis sativa L.*)
- ex 5303 90 Tow and waste (including yarn waste and garnetted stock) of jute and other textile fibres (excluding flax, true hemp and ramie)
- ex 5304 90 Tow and waste (including yarn waste and garnetted stock) of sisal and other textile fibres of the genus *Agave*

- ex 5305 19 Tow, noils and waste (including yarn waste and garnetted stock) of coconut
- ex 5305 29 Tow, noils and waste (including yarn waste and garnetted stock) abaca (Manila hemp or *Musa textiles Nee*)
- ex 5305 99 Tow, noils and waste (including yarn waste and garnetted stock) of ramie and other vegetable textile fibres, not elsewhere specified or included in this Schedule
- 5505 Waste (including noils, yarn waste and garnetted stock) of man-made fibres as follows -
- 5505 10 Of synthetic fibres
- 5505 20 Of artificial fibres
- 6309 00 Worn clothing and other worn textile articles
- 6310 Used rags, scrap twine, cordage, rope and cables and worn out articles of twine, cordage, rope or cables of textile materials as materials -
- 6310 10 Sorted
- 6310 90 Other

I. RUBBER WASTES

- 4004 00 Waste, parings and scrap of rubber (other than hard rubber) and granules obtained therefrom
- 4010 20 Used pneumatic tires
- ex 4017 00 Waste and scrap of hard rubber (for example, ebonite)

J. UNTREATED CORK AND WOOD WASTES

- 4401 30 Wood waste and scrap, whether or not
agglomerated in logs, briquettes, pellets or
similar forms
- 4501 90 Cork waste; crushed, granulated or ground cork

K. WASTES ARISING FROM AGRO-FOOD INDUSTRIES

- 2301 00 Dried, sterilized and stabilized flours, meals
and pellets, of meat offal, of fish or of
crustaceans, molluscs or other aquatic
invertebrates, unfit for human consumption but
fit for animal feed or other purposes; greaves
- 2302 00 Bran, sharps and other residues, whether or not
in the form of pellets derived from the
shifting, milling or other working of cereals
or of leguminous plants
- 2303 00 Residues of starch manufacture and similar
residues, beet-pulp, bagasse and other waste
of sugar manufacture, brewing or distilling
dregs and waste, whether or not in the form of
pellets
- 2304 00 Oil-cake and other solid residues, whether or
not ground or in the form of pellets,
resulting from the extraction of soya-bean
oil, used for animal feed

- 2305 00 Oil-cake and other solid residues, whether or not ground or in the form of pellets, resulting from the extraction of ground-nut (peanut) oil, used for animal feed
- 2306 00 Oil-cake and other solid residues, whether or not ground or in the form of pellets, resulting from the extraction of vegetable oil, used for animal feed
- ex 2307 00 Wine lees
- ex 2308 00 Dried and sterilized vegetable waste, residues and byproducts, whether or not in the form of pellets, of a kind used in animal feeding, not elsewhere specified or included
- 1522 00 Degras; residues resulting from the treatment of fatty substances or animal or vegetable waxes
- 1807 00 Cocoa shells, husks, skins and other cocoa waste

L. WASTES ARISING FROM TANNING AND FELLMONGERY OPERATIONS AND LEATHER USE

- 0502 00 Waste of pigs', hogs' or boars' bristles and hair or of badger hair and other brush making hair
- 0503 00 Horsehair waste, whether or not put up as a layer with or without supporting material
- 0505 90 Waste of skins and other parts of birds, with their feathers or down, of feathers and parts of feathers (whether or not with trimmed edges) and down, not further worked than cleaned, disinfected or treated for preservation

0506 90 Waste of bones and horn-cores, unworked,
defatted, simply prepared (but not cut to
shape), treated with acid or degelatinized

4110 00 Parings and other waste of leather or of
composition leather, not suitable for the
manufacture of leather articles, excluding
leather sludges

M. OTHER WASTES

8908 00 Vessels and other floating structures for
breaking up, properly emptied of any cargo
which may have been classified as a dangerous
substance or waste

Motor vehicle wrecks, drained of liquids

0501 00 Waste of human hair

ex 0511 91 Fish waste

Anode butts of petroleum coke and/or bitumen

Flue gas desulphurisation (FGD) gypsum

Waste gypsum wallboard or plasterboard arising
from the demolition of buildings

ex 2621 Coal fired power station fly ash, bottom ash and
slag tap

Waste straw

Broken concrete

Spent catalysts -

Fluid catalytic cracking (FCC) catalysts

Precious metal bearing catalysts

Transition metal catalysts

		Deactivated fungus mycelium from penicillin production to be used as animal feed
2618 00		Granulated slag arising from the manufacture of iron [or] steel
ex 2619 00		Slag arising from the manufacture of iron or steel(***)
3103 20		Basic slag arising from the manufacture of iron or steel for phosphate fertilizer and other use
ex 2621 00		Slag from copper production, chemically stabilized, having a high iron content (above 20%) and processed according to industrial specifications mainly for construction and abrasive applications
ex 2621 00		Neutralized red mud from alumina production
ex 2621 00		Spent activated carbon Sulphur in solid form
ex 2836 50		Limestone from the production of calcium cyanamide (having a pH less than 9) Sodium, calcium, potassium chlorides Waste photographic film base and waste photographic film not containing silver Single use cameras without batteries
ex 2818 10		Carborundum

Whenever possible, the Harmonised Commodity Description and Coding System, or Harmonised System is listed opposite an entry. The code is only provided here as a possible cross reference to the Harmonised System.

- (*) The indicative "ex" identifies a specific item contained within the harmonized customs code heading.
- (**) "Non-dispersible" does not include any wastes in the form of powder, sludge, dust or solid items containing encased hazardous liquids.
- (***) This entry covers the use of such signs as a source of titanium dioxide and vanadium.

SCHEDULE 7

[s.20A, 20B, 20C]

[Waste to which section 20A(1)(b) and 20B(1)(b) apply]

- ex 2619 00(*) Dross, scalings and other wastes from the
manufacture of iron and steel(**)
- 2620 19 Zinc ash and residues(**)
- 2620 20 Lead ash and residues(**)
- 2620 30 Copper ash and residues(**)
- 2620 40 Aluminium ash and residues(**)
- 2620 50 Vanadium ash and residues(**)
- 2620 90 Ash and residues(**) containing metals or metal
compounds not specified otherwise
Residues from alumina production not specified
elsewhere
- 2621 00 Other ash and residues, not specified elsewhere
Residues arising from the combustion of

municipal wastes

2713 90 Waste from the production/processing of
petroleum coke and bitumen, excluding anode
butts

Lead-acid batteries, whole or crushed

Waste oils unfit for their originally intended
use

Waste oils/water, hydrocarbons/water mixtures,
emulsions

Wastes from production, formulation and use of
inks, dyes, pigments, paints, lacquers, varnish

Wastes from production, formulation and use of
resins, latex, plasticizers, glues and
adhesives

Wastes from production, formulation and use of
reprographic and photographic chemicals and
processing materials not otherwise listed in
Schedule 6

Single use cameras with batteries

Wastes from non-cyanide-based systems which
arise from surface treatment of metals and
plastics

Asphalt cement wastes

Phenols, phenol compounds including chlorophenol
in the form of liquids or sludges

Treated cork and wood wastes

Used batteries or accumulators, whole or
crushed, other than lead-acid batteries, and
waste and scrap arising from the production of
batteries and accumulators, not otherwise
listed in Schedule 6

ex 3915 90 Nitrocellulose

ex 7001 00 Glass from cathode-ray tubes and other activated
glasses

ex 4110 00 Leather dust, ash, sludges and flours

ex 2529 21 Calcium fluoride sludges

Other inorganic fluorine compounds in the form
of liquids or sludge not specified in Schedule
6

Zinc slags containing up to 18 weight percent
zinc

Galvanic sludges

Liquors from the pickling of metals

Sands used in foundry operations

Thallium compounds

Polychlorinated naphthalenes

Ethers

Precious metal bearing residues in solid form
which contain traces of inorganic cyanides

Hydrogen peroxide solutions

Triethylamine catalyst for setting foundry sands

ex 2804 80 Arsenic waste and residue

ex 2805 40 Mercury waste and residue

Precious metal ash, sludge, dust and other

residues such as -

Ash from incineration of printed circuit boards

Film ash

Waste catalysts not in Schedule 6

Leaching residues from zinc processing, dusts and sludges such as jarosite, hematite, goethite, etc.

Waste hydrates of aluminium

Wastes alumina

Wastes that contain, consist of or are contaminated with any of the following -

Inorganic cyanides, excepting precious metal-bearing residues in solid form containing traces of inorganic cyanides

Organic cyanides

Wastes of an explosible nature

Wastes from the manufacture, formulation and use of wood preserving chemicals

Leaded petrol (gasoline) sludges

Used blasting grit

Chlorofluorocarbons

Halons

Fluff - light fraction from metal shredding

Thermal (heat transfer) fluids

Hydraulic fluids

Brake fluids

Antifreeze fluids

Ion exchange resins

Organic phosphorous compounds

Non-halogenated solvents

Halogenated solvents

Halogenated or unhalogenated non-aqueous
distillation residues arising from organic
solvent recovery operations

Liquid pig manure; feces

Sewage sludge

Household wastes

Wastes from the production, formulation and use
of biocides and phytopharmaceuticals

Wastes from the production and preparation of
pharmaceutical products

Acidic solutions

Basic solutions

Surface active agents (surfactants)

Inorganic halide compounds, not specified in
Schedule 6

Wastes from industrial pollution control devices
for cleaning of industrial off-gases, not
specified in Schedule 6

Gypsum arising from chemical industry processes

Wastes, substances and articles containing,
consisting of or contaminated with
polychlorinated biphenyl (PCB) and/or
polychlorinated terphenyl (PCT) and/or
polybrominated biphenyl (PBB), including any

other polybrominated analogues of these compounds, at a concentration level of 50 mg/kg or more

Wastes that contain, consist of or are contaminated with any of the following -

Any congener of polychlorinated dibenzo-furan

Any congener of polychlorinated dibenzo-dioxin

Asbestos (dusts and fibres)

Ceramic based fibres similar to those of asbestos

Leaded anti-knock compound sludge

Waste tarry residues (excluding asphalt cements) arising from refining, distillation and any pyrolytic treatment

Peroxides other than hydrogen peroxide

Whenever possible, the Harmonised Commodity Description and Coding System, or Harmonised System is listed opposite an entry. The code is only provided here as a possible cross reference to the Harmonised System.

(*) The indicative "ex" identifies a specific item contained within the harmonized customs code heading.

(**) This listing includes ash, residue, slag, dross, skimming, scaling, dust, sludge and cake, unless a material is expressly explicitly excluded in this Schedule.