

A Guide to the Control on Import and Export of Waste



Environmental Protection Department
Hong Kong Special Administrative Region

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Preface

The purpose of this guide is to introduce and explain the legislative controls over the import and export of waste in Hong Kong under the Waste Disposal Ordinance. A regulatory permit control system has been in place to control these movements of waste since September 1996. The Environmental Protection Department is the enforcement authority for the controls.

This simple guide is for explanatory purposes only. In case of doubt, the reader is advised to consult **the Waste Disposal Ordinance, Laws of Hong Kong Chapter 354**.

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1. Introduction

The Waste Disposal Ordinance (WDO) controls the movements of wastes into and out of Hong Kong through a permit system. The control enables Hong Kong to manage its import and export of waste in an environmentally sound manner¹. This ties in with the requirements of the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal (hereinafter referred as “Basel Convention”).

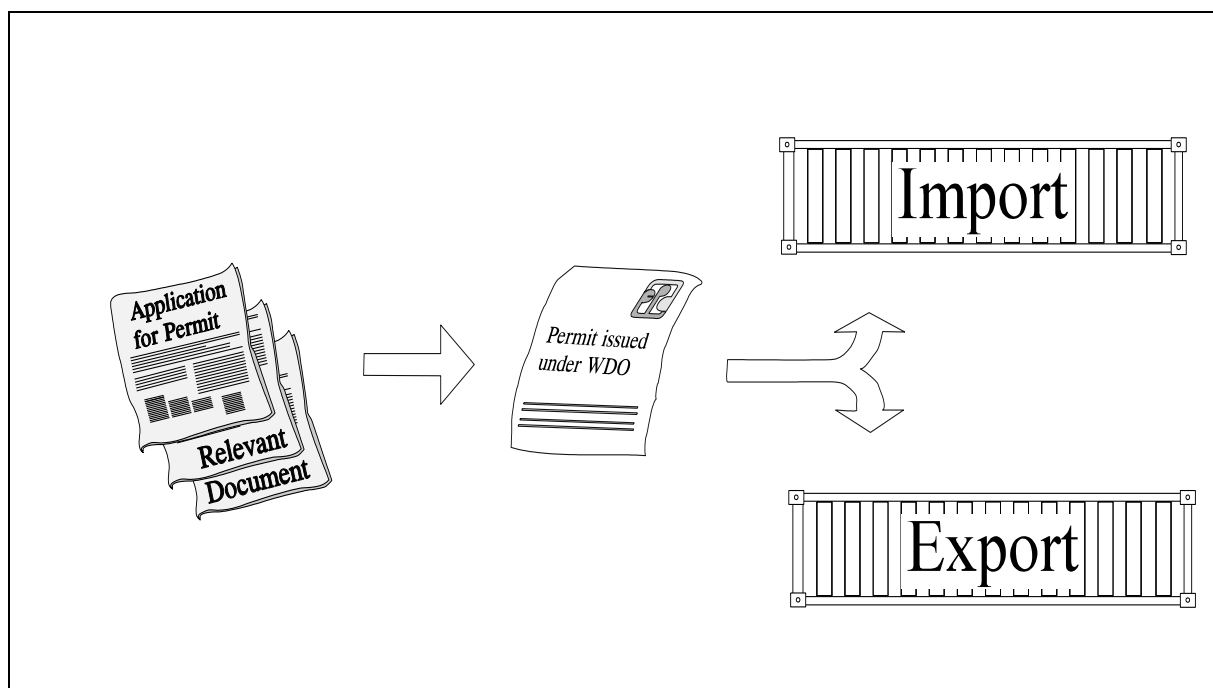


Figure 1 Permit Control on Waste Import and Export

An important requirement under the Basel Convention is that prior notifications and consents from all countries concerned (countries of export, import and transit) are required before the commencement of any proposed shipment of hazardous waste or other controlled waste. If any intended waste shipment could not be completed, the competent authorities concerned must be notified and suitable alternative arrangement for disposal, reuse or return to country of export must be made for the waste with the consent of the countries involved.

¹ The waste is considered as managed in an environmentally sound manner if, among other requirements, the waste is not imported to or exported from Hong Kong unnecessarily. For instance, waste should, as far as is compatible with environmentally sound and efficient management, be disposed of in the state where they were generated.

2. Definitions

In this guide, the following definitions extracted from the WDO also apply:

"Competent Authority"	means such authority as may be 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 sewer or drain or otherwise) or burial (whether underground or otherwise), and "dispose of" shall be construed accordingly.
"Export from Hong Kong"	in relation to waste, means to take, or cause to be taken, out of Hong Kong any waste, but does not include a reference to waste which — a) was brought into Hong Kong solely for the purpose of taking it out of Hong Kong and b) remained at all times in or on the vessel, aircraft, train or vehicle in or on which it was brought into Hong Kong.
"Import into Hong Kong"	in relation to waste, means to bring, or cause to be brought, into Hong Kong any waste for the purpose of disposal or reuse in Hong Kong or for the purpose of loading prior to disposal or reuse in an area not under the jurisdiction of any state.
"Environmentally Sound Manner"	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.
"e-waste"	means any electrical equipment or electronic equipment that, judging by its appearance, is an item set out in column 2 of Schedule 6 to the Product Eco-responsibility Ordinance (Cap. 603) and has been abandoned.

For the purposes of waste import and export, waste is contaminated if it is contaminated by a substance to an extent which —

- a) significantly increases the risk of human health, property or the environment associated with the waste; or
- b) prevents the reprocessing, recycling, recovery or reuse of the waste in an environmentally sound manner,

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

3. Waste import and export permit system under the WDO

The import into or export from Hong Kong of —

- (a) any waste of a kind specified in the Sixth Schedule, unless the waste is uncontaminated and is imported for the purpose of a reprocessing, recycling or recovery operation or the reuse of the waste;
- (b) any waste of a kind specified in the Seventh Schedule, or not specified in the Sixth Schedule; or
- (c) any e-waste that does not fall within the description of paragraph (a) or (b) (control to be effective from 31 Dec 2018).

requires a permit issued by the Environmental Protection Department (EPD) under WDO. The Sixth Schedule and the Seventh Schedule are reproduced in Appendix A and B. E-waste includes air conditioners, refrigerators, washing machines, television sets, computers, printers, scanners and monitors that has been abandoned.

4. Application for a permit

Application form and guidance notes on how to apply for a permit are available from offices of EPD.

To apply for a permit, the applicant should complete an application form and return it together with the necessary documents and prescribed fee to EPD. The prescribed fee is charged for processing each permit application and is non-refundable. The permit may cover a single shipment or multiple shipments for which different fees are prescribed. The maximum validity period of a multiple permit is one year.

- the reasons for the proposed waste import / export
- details of the proposal
- waste quantity and characteristics
- details of applicant, exporter, importer and disposer
- details of recycling facilities
- details of outlets for recyclables
- details of the relevant competent authority
- contractual details of the activity
- financial guarantee and environmental liability insurance arrangement
- contingency plan for import of waste
- other information required under the WDO

Figure 2 Information to be provided to EPD

5. Approve or refuse to grant a permit

After processing the permit application, EPD may either issue or refuse to issue a permit. In the case of refusal, EPD will give reasons for doing so to the applicant. Among other requirements, a permit for the import or export of waste will not be issued, unless it has been demonstrated that the waste will be managed in an environmental sound manner. For instance, waste should, as far as is compatible with environmentally sound and efficient management, be disposed of in the state where they were generated.

Handling imported waste with relatively low technology operation (for example, treatment of e-waste that involves only pre-processing and dismantling) will unlikely be regarded as proper treatment with respect to import operation because it would have limited environmental gains, but still generates potential pollution nuisance and disposal burden to the local environment. Therefore, such imported waste cannot be considered as being managed in an environmentally sound manner. Furthermore, importing waste for low technology operation that could easily be conducted in the state of export would contravene the Basel Convention's spirit of minimizing transboundary movement of hazardous waste and other waste. On the other hand, permit for import of waste for treatment in licensed recycling facilities for sophisticated process yielding useful raw material may be considered acceptable. In any case, purposes for the import and detailed operation demonstrating proper treatment of the imported waste in the licensed recycling facilities must be provided and fully justified for any import permit application. By the same token, export of waste should also be well-justified. An example might be exporting waste for treatment overseas though sophisticated processes not otherwise available in Hong Kong.

It should be noted that in light of the Decision III/1 of the Basel Convention calling for banning the export of hazardous waste from developed countries to developing countries, the WDO has been amended to this effect. EPD will not issue permit for the import of hazardous waste from any country listed in the Ninth Schedule of the WDO (Appendix C).

From time to time, EPD may issue directions in respect of the import or export of waste for which a permit is required. These directions are deemed to be conditions of every permit issued subsequently. These directions could be related to the following aspects:-

- a) packaging, labelling, handling, transport and disposal of waste;
- b) requiring the waste to be accompanied by a waste movement document recording the details from the commencement of the consignment to the point of disposal;
- c) requiring an export permit holder to take back the waste when the consignment cannot be completed; and
- d) requiring an import permit holder to ensure that the disposer informs the competent authority of the state of export when the disposer receives the waste and once he has completed the reuse or disposal of the waste.

6. Variation, suspension or revocation of permit

EPD may vary, suspend or revoke a permit if it appears to EPD that there has been a breach of the permit terms and conditions. Every permit suspended or revoked by EPD and all copies of such permit in the possession of the permit holder or any other person shall be surrendered immediately to EPD by the permit holder.

7. Control on Disposal of Imported Waste

Disposal of imported waste in Hong Kong is not allowed in general. Under exceptional circumstances, authorization might be given for disposal of the imported waste listed in the Sixth Schedule of the WDO at designated waste disposal facilities in Hong Kong. During the application of an authorization, the waste owner shall demonstrate that it is not practicable to make alternative arrangement for the imported waste to be used (whether in Hong Kong or elsewhere) for the purpose of reuse, or a reprocessing, recycling or recovery operation and also not practicable for him to return or cause to return the waste to the state of export. The lack of financial means will not be a factor when considering the practicability. In case an authorization is granted, the waste owner shall be responsible for proper disposal of the waste in Hong Kong and bearing all the costs incurred in this relation.

8. Offences and penalties

Any person who except under and in accordance with a valid permit, does anything or causes or allows another person to do anything for which a waste import and export permit is required commits an offence. The offender is liable to a fine of HK\$200,000 and six months' imprisonment for the first offence, and a fine of HK\$500,000 and two years' imprisonment for a second or subsequent offence.

Any person who or except under and in accordance with a valid authorization, disposes of or causes or allows another person to dispose of any imported waste for which an authorization is required commits an offence. The offender is liable to fine of HK\$200,000 and six months' imprisonment for the first offence, and a fine of HK\$500,000 and two years' imprisonment for a second or subsequent offence.

Any person who, to procure the issue of a permit, makes a statement which he knows to be false in a material particular, or recklessly makes a statement which is false in a material particular, commits an offence and is liable to a fine of HK\$200,000 and to imprisonment for six months.

SIXTH SCHEDULE
WASTE TO WHICH SECTIONS 20A(1)(a) AND 20B(1)(a)
OF WASTE DISPOSAL ORDINANCE APPLY

In this Schedule-

- (a) the first digits of the code number of the Harmonised Commodity Description and Coding System (or Harmonised System) are, wherever possible, listed in column 2 opposite an entry as a possible cross reference to the Harmonised System;
- (b) the indicative "ex" against a number in column 2 identifies a specific item contained within the Harmonised System code heading;
- (c) "non-dispersible" (非擴散性) in relation to waste does not include any waste in the form of powder, sludge, dust or solid items containing encased hazardous liquids.

Waste Code	Harmonised System Code	Description of waste
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GA - Metal and metal-alloy waste in metallic, non-dispersible form

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

GA010	ex711210	- of gold ¹
GA020	ex711220	- of platinum ¹ (the expression "platinum" includes platinum, iridium, osmium, palladium, rhodium and ruthenium)
GA030	ex711290	- of other precious metal ¹ , e.g. silver

The following ferrous waste and scrap of iron or steel :

GA040	720410	- Waste and scrap of cast iron
GA050	720421	- Waste and scrap of stainless steel
GA060	720429	- Waste and scrap of other alloy steels
GA070	720430	- Waste and scrap of tinned iron or steel
GA080	720441	- Turnings, shavings, chips, milling waste, filings, trimmings and stampings, whether or not in bundles
GA090	720449	- Other ferrous waste and scrap
GA100	720450	- Remelted scrap ingots
GA110	ex730210	- Used iron and steel rails

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

GA120	740400	- Copper waste and scrap
GA130	750300	- Nickel waste and scrap
GA140	760200	- Aluminium waste and scrap
GA150	ex780200	- Lead waste and scrap
GA160	790200	- Zinc waste and scrap
GA170	800200	- Tin waste and scrap
GA180	ex810191	- Tungsten waste and scrap
GA190	ex810291	- Molybdenum waste and scrap

GA200	810420	- Magnesium waste and scrap
GA220	ex810510	- Cobalt waste and scrap
GA230	ex810600	- Bismuth waste and scrap
GA240	ex810710	- Cadmium waste and scrap
GA250	ex810810	- Titanium waste and scrap
GA260	ex810910	- Zirconium waste and scrap
GA270	ex811000	- Antimony waste and scrap
GA280	ex811100	- Manganese waste and scrap
GA290	ex811211	- Beryllium waste and scrap
GA300	ex811220	- Chromium waste and scrap
GA310	ex811230	- Germanium waste and scrap
GA320	ex811240	- Vanadium waste and scrap
GA330	ex811291	- Waste and scrap of hafnium
GA340	ex811291	- Waste and scrap of indium
GA350	ex811291	- Waste and scrap of niobium
GA360	ex811291	- Waste and scrap of rhenium
GA370	ex811291	- Waste and scrap of gallium
GA390	ex284430	- Thorium waste and scrap
GA400	ex280490	- Selenium waste and scrap
GA410	ex280450	- Tellurium waste and scrap
GA420	ex280530	- Rare earth waste and scrap

GB - Metal bearing waste arising from melting, smelting and refining of metals

GB010	262011	Hard zinc spelter
GB020		Zinc containing dross :
GB021		- Galvanizing slab zinc top dross (> 90%Zn)
GB022		- Galvanizing slab zinc bottom dross (> 92%Zn)
GB023		- Zinc die casting dross (> 85% Zn)
GB024		- Hot dip galvanizers slab zinc dross (batch)(> 92%Zn)
GB025		- Zinc skimmings
GB030		Aluminium skimmings
GB040		Slags from precious metals and copper processing for further refining
GB050		Tantalum bearing tin slags with less than 0.5% tin

GC - Other waste containing metals

GC010		Electrical assemblies consisting only of metals or alloys
GC020		Electronic scrap (e.g. printed circuit boards, electronic components, wire, etc) and reclaimed electronic components suitable for base and precious metal recovery
GC030	ex890800	Vessels and other floating structures for breaking up, properly emptied of any cargo and other

		materials arising from the operation of the vessel which may have been classified as a dangerous substance or waste
GC040		Motor vehicle wrecks, drained of liquids
GC050		Spent catalysts :
GC051		- fluid catalytic cracking (FCC) catalysts
GC052		- precious metal bearing catalysts
GC053		- transition metal catalysts (e.g. chromium, cobalt, copper, iron, nickel, manganese, molybdenum, tungsten, vanadium, zinc)
GC070	ex261900	Slag arising from the manufacture of iron or steel ² excluding those slags which have been specifically produced to meet both national and relevant international requirements and standards, including environmental protection specifications

GD - Waste from mining operations : this waste to be in non-dispersible form

GD010	ex250490	Natural graphite waste
GD020	ex251400	Slate waste, whether or not roughly trimmed or merely cut, by sawing or otherwise
GD030	252530	Mica waste
GD040	ex252930	Leucite, nepheline and nepheline syenite waste
GD050	ex252910	Felspar waste
GD060	ex252921 ex252922	Fluorspar waste
GD070	ex281122	Silica waste in solid form excluding those used in foundry operations

GE - Glass waste in non-dispersible form

GE010	ex700100	Cullet and other waste and scrap of glass except for glass from cathode-ray tubes and other activated glasses
GE020		Fibre glass waste

GF - Ceramic waste in non-dispersible form

GF010		Ceramic waste which has been fired after shaping, including ceramic vessels (before and/or after use)
GF020	ex811300	Cermet waste and scrap (metal ceramic composites)
GF030		Ceramic based fibres not specified or included in the Seventh Schedule

GG - Other waste containing principally inorganic constituents, which may contain metals and organic material

GG010		Partially refined calcium sulphate produced from flue gas desulphurisation (FGD)
GG020		Waste gypsum wallboard or plasterboard arising from the demolition of buildings
GG030	ex2621	Bottom ash and slag tap from coal fired power plants
GG040	ex2621	Coal fired power plants fly ash, not elsewhere specified or included
GG050		Anode butts of petroleum coke and/or bitumen
GG060	ex2803	Spent activated carbon resulting from the treatment of potable water and processes of the food industry and vitamin production
GG080	ex262100	Slag from copper production, chemically stabilized, having a high iron content (above 20%) and processed according to industrial specifications (e.g. DIN 4301 and DIN 8201) mainly for

		construction and abrasive applications
GG090		Sulphur in solid form
GG100		Limestone from the production of calcium cyanamide (having a pH less than 9)
GG110	ex262100	Neutralized red mud from alumina production
GG120		Sodium, potassium, calcium chlorides
GG130		Carborundum (silicon carbide)
GG140		Broken concrete
GG150	ex262090	Lithium-Tantalum and Lithium-Niobium containing glass scraps

GH - Solid plastic waste

		All solid plastic waste including but not limited to:
GH010	3915	Waste, parings and scrap of plastics of:
GH011	ex391510	- polymers of ethylene
GH012	ex391520	- polymers of styrene
GH013	ex391530	- polymers of vinyl chloride
GH014	ex391590	- polymers or co-polymers e.g. : . polypropylene . polyethylene terephthalate . acrylonitrile co-polymer . butadiene co-polymer . styrene co-polymer . polyamides . polybutylene terephthalates . polycarbonates . polyphenylene sulphides . acrylic polymers . paraffins (C10-C13) ³ . polyurethane (not containing chlorofluorocarbons) . polysiloxalanes (silicones) . polymethyl methacrylate . polyvinyl alcohol . polyvinyl butyral . polyvinyl acetate . polymers of fluorinated ethylene (Teflon, PTFE)
GH015	ex391590	- Resins or condensation products e.g. : . urea formaldehyde resins . phenol formaldehyde resins . melamine formaldehyde resins . epoxy resins . alkyd resins . polyamides

GI - Paper, paperboard and paper product waste

GI010	4707	Waste and scrap of paper or paperboard :
GI011	470710	- of unbleached kraft paper or paperboard or of corrugated paper or paperboard
GI012	470720	- of other paper or paperboard, made mainly of bleached chemical pulp, not colored in the mass
GI013	470730	- of paper or paperboard made mainly of mechanical pulp (e.g. newspapers, journals and

similar printed matter)

GI014	470790	- other, including but not limited to :
		1) laminated paperboard
		2) unsorted waste and scrap

GJ - Textile waste

GJ010	5003	Silk waste (including cocoons unsuitable for reeling, yarn waste and garnetted stock)
GJ011	500310	- not carded or combed
GJ012	500390	- other
GJ020	5103	Waste of wool or of fine or coarse animal hair, including yarn waste but excluding garnetted stock
GJ021	510310	- noils of wool or of fine animal hair
GJ022	510320	- other waste of wool or of fine animal hair
GJ023	510330	- waste of coarse animal hair
GJ030	5202	Cotton waste (including yarn waste and garnetted stock)
GJ031	520210	- yarn waste (including thread waste)
GJ032	520291	- garnetted stock
GJ033	520299	- other
GJ040	530130	Flax tow and waste
GJ050	ex530290	Tow and waste (including yarn waste and garnetted stock) of true hemp (<i>Cannabis sativa</i> L.)
GJ060	ex530390	Tow and waste (including yarn waste and garnetted stock) of jute and other textile bast fibres (excluding flax, true hemp and ramie)
GJ070	ex530490	Tow and waste (including yarn waste and garnetted stock) of sisal and other textile fibres of the genus <i>Agave</i>
GJ080	ex530519	Tow and waste (including yarn waste and garnetted stock) of coconut
GJ090	ex530529	Tow and waste (including yarn waste and garnetted stock) of abaca (<i>Manila hemp</i> or <i>Musa textilis</i> Nee)
GJ100	ex530599	Tow and waste (including yarn waste and garnetted stock) of ramie and other vegetable textile fibres, not elsewhere specified or included
GJ110	5505	Waste (including noils, yarn waste and garnetted stock) of man-made fibres
GJ111	550510	- of synthetic fibres
GJ112	550520	- of artificial fibres
GJ120	630900	Worn clothing and other worn textile articles
GJ130	ex6310	Used rags, scrap twine, cordage, rope and cables and worn out articles of twine, cordage, rope or cables of textile materials
GJ131	ex631010	- sorted
GJ132	ex631090	- other

GK - Rubber waste

GK010	400400	Waste, parings and scrap of rubber (other than hard rubber) and granules obtained therefrom
GK020	401220	Used pneumatic tyres

GK030 ex401700 Waste and scrap of hard rubber (e.g. ebonite)

GL - Untreated cork and wood waste

GL010 ex440130 Wood waste and scrap, whether or not agglomerated in logs, briquettes, pellets or similar forms

GL020 450190 Cork waste, crushed, granulated or ground cork

GM - Waste arising from agro-food industries

GM070 ex2307 Wine lees

GM080 ex2308 Dried and sterilized vegetable waste, residues and by-products, whether or not in the form of pellets, of a kind used in animal feeding, not elsewhere specified or included

GM090 152200 Degras, residues resulting from the treatment of fatty substances or animal or vegetable waxes

GM100 050690 Waste of bones and horn-cores, unworked, defatted, simply prepared (but not cut to shape), treated with acid or degelatinised

GM110 ex051191 Fish waste

GM120 180200 Cocoa shells, husks, skins and other cocoa waste

GM130 Waste from the agro-food industry excluding by-products which meet national and international requirements and standards for human or animal consumption

GN - Waste arising from tanning and fellmongery operations and leather use

GN010 ex0502 Waste of pigs', hogs' or boars' bristles and hair or of badger hair and other brush making hair

GN020 ex050300 Horsehair waste, whether or not put up as a layer with or without supporting material

GN030 ex050590 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

GN040 ex411000 Parings and other waste of leather or of composition leather, not suitable for the manufacture of leather articles and not containing hexavalent chromium compounds or biocides, excluding leather sludges

GO - Other wastes containing principally organic constituents, which may contain metals and inorganic materials

GO010 ex050100 Waste of human hair

GO020 Waste straw

GO030 Deactivated fungus mycelium from penicillin production to be used as animal feed

GO040 Waste photographic film base and waste photographic film not containing silver

GO050 Single use cameras without batteries

¹ Mercury is specifically excluded as a component of these metals or their alloys or amalgams.

² This entry covers the use of such slags as a source of titanium dioxide and vanadium.

³ These cannot be polymerised and are used as plasticisers.

**SEVENTH SCHEDULE
WASTE TO WHICH SECTIONS 20A(1)(b) AND 20B(1)(b)
OF WASTE DISPOSAL ORDINANCE APPLY**

In this Schedule-

- (a) the first digits of the code number of the Harmonised Commodity Description and Coding System (or Harmonised System) are, wherever possible, listed in column 2 opposite an entry as a possible cross reference to the Harmonised System;
- (b) the indicative "ex" against a number in column 2 identifies a specific item contained within the Harmonised System code heading;
- (c) "containing" (含有) or "contaminated with" (受污), in relation to any waste, means that the substance referred to is present to an extent which--
- (i) renders the waste hazardous; or
 - (ii) renders the waste not suitable for submission to a reprocessing, recycling or recovery operation or for reuse;
- (d) "elsewhere specified or included" (在他處載列或包括) means elsewhere specified or included in this Schedule or in the Sixth Schedule; and
- (e) "expressly listed elsewhere" means(在他處清楚列明) expressly listed elsewhere in this Schedule or in the Sixth Schedule

Waste Code	Harmonised System Code	Description of waste
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RA - Waste containing principally organic constituents, which may contain metals and inorganic materials

RA010		Waste 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 50mg/kg or more
RA020		Waste tarry residues (excluding asphalt cements) arising from refining, distillation and any pyrolytic treatment of organic materials

RB - Waste containing principally inorganic constituents, which may contain metals and organic materials

RB010		Asbestos (dusts and fibres)
RB020		Ceramic based fibres of physico-chemical characteristics similar to those of asbestos

RC - Waste which may contain either inorganic or organic constituents

		Waste that contains, consists of or is contaminated with any of the following:
RC010		- any congener of polychlorinated dibenzo-furan
RC020		- any congener of polychlorinated dibenzo-dioxin
RC030		Leaded anti-knock compound sludges
RC040		Peroxides other than hydrogen peroxide

AA - Metal bearing waste

AA010 ¹	ex261900	Dross, scalings and other waste from the manufacture of iron and steel
AA020 ¹	ex262019	Zinc ashes and residues
AA030 ¹	262020	Lead ashes and residues
AA040 ¹	ex262030	Copper ashes and residues
AA050 ¹	ex262040	Aluminium ashes and residues
AA060 ¹	ex262050	Vanadium ashes and residues
AA070 ¹	262090	Ashes and residues containing metals or metal compounds not elsewhere specified or included

AA080 ¹		Thallium waste and residues
AA090 ¹	ex280480	Arsenic waste and residues
AA100 ¹	ex280540	Mercury waste and residues
AA110		Residues from alumina production not elsewhere specified or included
AA120		Galvanic sludges
AA130		Liquors from the pickling of metals
AA140		Leaching residues from zinc processing, dusts and sludges such as jarosite, hematite, goethite, etc.
AA150		Precious metal bearing residues in solid form which contain traces of inorganic cyanides
AA160		Precious metal ash, sludge, dust and other residues such as :
AA161		- ash from incineration of printed circuit boards
AA162		- photographic film ash
AA170		Lead-acid batteries, whole or crushed
AA180		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 elsewhere specified or included
AA190		Waste having metal carbonyls as constituents
AA200		Waste having hexavalent chromium compounds as constituents, not elsewhere specified or included
AA210		Spent electrolytic solutions from copper electrorefining and electrowinning operations
AA220		Spent etching solutions containing dissolved copper
AA1180		Waste electronic and electrical assemblies or scrap contaminated with any substance to an extent which renders the waste as chemical waste

AB - Waste containing principally inorganic constituents, which may contain metals and organic materials

AB010	262100	Slag, ash and residues ¹ , not elsewhere specified or included
AB020		Residues arising from the combustion of municipal/household waste
AB030		Waste from non-cyanide based systems which arise from surface treatment of metals
AB040	ex700100	Glass waste from cathode-ray tubes and other activated glasses, including such waste from any monitor, television and equipment (whether or not the cathode-ray tube contained in the monitor, television or equipment is intact or broken)
AB050	ex252921	Calcium fluoride sludge
AB060		Other inorganic fluorine compounds in the form of liquids or sludges
AB070		Sands used in foundry operations
AB080		Spent catalysts not in the Sixth Schedule
AB090		Waste hydrates of aluminium
AB100		Waste alumina
AB110		Basic solutions
AB120		Inorganic halide compounds, not elsewhere specified or included
AB130		Used blasting grit
AB140		Gypsum arising from chemical industry processes
AB150		Unrefined calcium sulphite and calcium sulphate from flue gas desulphurisation (FGD)
AB160		Coal fired power-plant fly ash containing any substance, matter or thing that renders the fly ash as chemical waste

AC - Waste containing principally organic constituents, which may contain metals and inorganic materials

AC010	ex271390	Waste from the production/processing of petroleum coke and bitumen, excluding anode butts
AC020		Asphalt cement waste
AC030		Waste oils unfit for their originally intended use
AC040		Leaded petrol (gasoline) sludges
AC050		Thermal (heat transfer) fluids
AC060		Hydraulic fluids
AC070		Brake fluids
AC080		Antifreeze fluids
AC090		Wastes from production, formulation and use of resins, latex, plasticisers, glues and adhesives
AC100		Nitrocellulose
AC110		Phenols, phenol compounds including chlorophenol in the form of liquids or sludges
AC120		Polychlorinated naphthalenes
AC130		Ethers
AC140		Triethylamine catalysts for setting foundry sands
AC150		Chlorofluorocarbons
AC160		Halons
AC170		Treated cork and wood waste
AC180	ex411000	Leather dust, ash, sludges and flours
AC190		Fluff - light fraction from automobile shredding
AC200		Organic phosphorous compounds
AC210		Non-halogenated solvents
AC220		Halogenated solvents
AC230		Halogenated or unhalogenated non-aqueous distillation residues arising from organic solvent recovery operations
AC240		Wastes arising from the production of aliphatic halogenated hydrocarbons (such as chloromethanes, dichloro-ethane, vinyl chloride, vinylidene chloride, allyl chloride and epichlorhydrin)
AC250		Surface active agents (surfactants)
AC260		Liquid pig manure, faeces
AC270		Sewage sludge
AC280		Parings and other waste of leather or of composition leather, not suitable for the manufacture of leather articles and containing hexavalent chromium compounds or biocides
AC290		Fellmongery wastes containing hexavalent chromium compounds or biocides or infectious substances

AD - Waste which may contain either inorganic or organic constituents

AD010		Waste from the production and preparation of pharmaceutical products
AD020		Waste from the production, formulation and use of biocides and phyto-pharmaceuticals
AD030		Waste from the manufacture, formulation and use of wood preserving chemicals
		Waste that contain, consist of or are contaminated with any of the following :
AD040		- inorganic cyanides, except precious metal-bearing residues in solid form containing traces of inorganic cyanides
AD050		- organic cyanides
AD060		Waste oils/water, hydrocarbons/water mixtures, emulsions
AD070		Waste from production, formulation and use of inks, dyes, pigments, paints, lacquers, varnish
AD080		Waste of an explosive nature

AD090	Waste from production, formulation and use of reprographic and photographic chemicals and materials not elsewhere specified or included
AD100	Waste from non-cyanide based systems which arise from surface treatment of plastics
AD110	Acidic solutions
AD120	Ion exchange resins
AD130	Single use cameras with batteries
AD140	Waste from industrial pollution control devices for cleaning of industrial off-gases, not elsewhere specified or included
AD150	Naturally occurring organic material used as a filter medium (such as bio-filters)
AD160	Municipal/household waste
AD170	Spent activated carbon, not elsewhere specified or included
AD180	Clinical and related wastes; that is wastes arising from dental, medical, nursing or veterinary practice, or similar practices, and wastes generated in hospitals or other facilities during the investigation or treatment of patients, or research projects
AD190	Waste packages and containers containing any substance, matter or thing that renders the packages or containers in question as chemical waste
AD200	Waste consisting of or containing off specification or outdated chemicals that render the waste as chemical waste
AD210	Waste chemical substances arising from research and development or teaching activities which are not identified and/or are new and whose effects on human health and/or the environment are not known
AD220	Chemical waste, not elsewhere specified or included.

¹ These entries include waste in the form of ash, residue, slag, dross, skimming, scaling, dust, powder, sludge and cake, unless a material is expressly listed elsewhere.

NINTH SCHEDULE
STATES OR PARTIES INCLUDED IN ANNEX VII OF THE BASEL CONVENTION* ON THE
CONTROL OF TRANSBOUNDARY MOVEMENTS OF HAZARDOUS WASTES AND THEIR
DISPOSAL CONCLUDED AT BASEL IN SWITZERLAND ON 22 MARCH 1989 AS AMENDED
FROM TIME TO TIME AND AS APPLIED TO HONG KONG (“Basel Convention”)

Australia	Malta
Austria	Mexico
Belgium	The Netherlands
Canada	New Zealand
Cyprus	Norway
Czech Republic	Poland
Denmark	Portugal
Estonia	Slovak Republic
Finland	Slovenia
France	South Korea
Germany	Spain
Greece	Sweden
Hungary	Switzerland
Iceland	Turkey
Ireland	The United Kingdom of Great Britain and Northern Ireland
Italy	United States of America
Japan	and any other state, or party to the Basel Convention, that is
Latvia	a member of—
Liechtenstein	(a) the Organization for Economic Co-operation and
Lithuania	Development; or
Luxembourg	(b) the European Union

Note:

* Annex VII of the Basel Convention covers any state or party that is a member of OECD or EU, which in effect includes the countries set out in this Schedule and any other state or party that is such a member for the time being.