

# **A Guide to the Registration of Chemical Waste Producers**



Environmental Protection Department  
Hong Kong  
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## Preface

The purpose of this guide is to introduce the registration provisions of the Waste Disposal (Chemical Waste)(General) Regulation (the Regulation) and the procedure for identifying chemical waste generation.

This guide is for explanatory purposes only. In case of doubt, the reader is advised to consult the Regulation itself. References to relevant sections of the Regulation are shown in brackets following the headings. Copies of the Regulation are on sale at the Government Publications Centre.

Enquiries concerning the provisions of the Regulation may be made to the Environmental Protection Department at:

### Address

Environmental Protection Department  
28/F, Southorn Centre  
130 Hennessy Road, Wanchai, Hong Kong.

**Telephone** : 2838 3111

**E-mail** : enquiry@epd.gov.hk

Other relevant publications:

- [A Guide to the Chemical Waste Control Scheme](#)
- [Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes](#)

The above publications are available from the website of Environmental Protection Department.

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## Contents

1. INTRODUCTION .....	3
2. WHAT IS A “CHEMICAL WASTE PRODUCER”? (Sections 2 & 3) .....	3
3. THE REGISTRATION PROCESS (Sections 6 & 7) .....	4
4. OTHER REQUIREMENTS (Section 7) .....	5
Appendix A SCHEDULE OF SUBSTANCES AND CHEMICAL WASTES.....	A1
Appendix B (I) CHEMICAL WASTE STREAMS FROM GENERAL PROCESSES / ACTIVITIES.....	B1
(II) CHEMICAL WASTE STREAMS OF SPECIFIC INDUSTRIAL / TRADE SECTORS.....	B2
(III) CHEMICAL WASTE STREAMS FROM WASTE TREATMENT PROCESSES.....	B19
Appendix C SAMPLE REGISTRATION FORM.....	C1

## 1. INTRODUCTION

■ The Waste Disposal (Chemical Waste)(General) Regulation (the Regulation) made under the Waste Disposal Ordinance (Cap. 354) provides for the control of chemical waste in Hong Kong. Under the Regulation, chemical waste producers are required to register with the Director of Environmental Protection. This booklet provides guidance for identifying activities that produce chemical waste and for complying with the registration requirements. Further details of the control scheme are provided in “[A Guide to the Chemical Waste Control Scheme](#)”.

■ All chemical waste producers are required to apply for registration before engaging in any activity that generates chemical waste. Failure to comply with this requirements is an offence and liable on conviction to a fine of \$200,000 and imprisonment of 6 months.

## 2. WHAT IS A “CHEMICAL WASTE PRODUCER” ? (Sections 2 & 3)

■ Chemical waste is defined as any substance or thing being scrap material, effluent or an unwanted substance or byproduct arising from the application of or in the course of any substance or chemical specified in Schedule 1 of the Regulation if such substance or chemical occurs in such form, quantity and concentration so as to cause pollution or constitute a danger to health or risk of pollution to the environment.

■ Any person who produces chemical waste or causes it to be produced will be defined as a chemical waste producer and is required to register with the Director of Environmental Protection.

■ The flowchart in Figure 1 will assist you in determining whether you are a chemical waste producer and are therefore subject to the registration requirement. The procedure generally involves the following steps:

- (i) Identify the nature and characteristics of the waste by examining the process/activity which generates the waste, by consulting product information (e.g. safety data sheets) of the chemicals being used and other relevant information. If necessary, arrange laboratory tests to determine the composition of the waste.

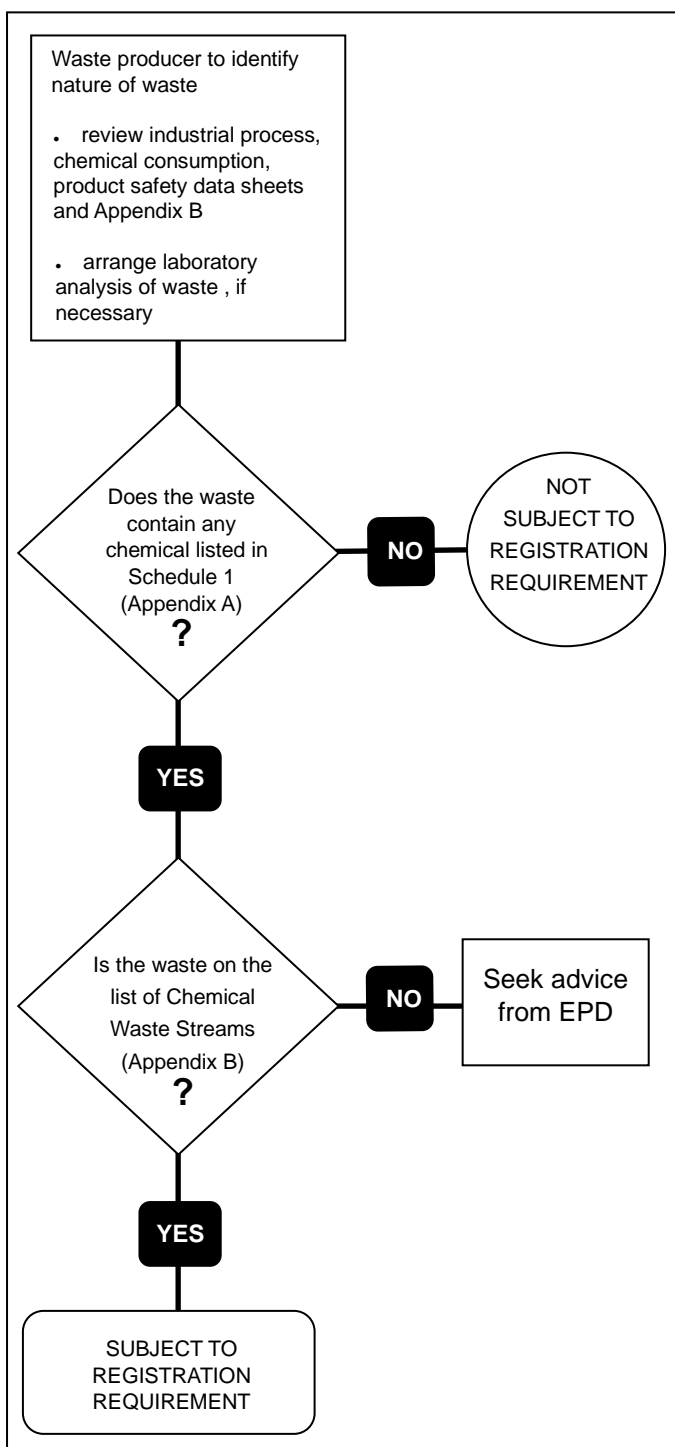


Figure 1 Procedure for identifying chemical waste generation

(ii) Check the information against the list of chemicals and substances contained in Schedule 1 to the Regulation, reproduced at Appendix A. If the waste does not contain any substance named in the Schedule, it is not a chemical waste.

(iii) If the waste contains one or more chemical or substance in the Schedule, you need to check whether the waste is listed in Appendix B (Parts I to III). If yes, the waste is a chemical waste and you should proceed with the registration process. If the waste is generated from a process or activity which is not included in Appendix B (e.g. a new process/technology), you should contact Environmental Protection Department (EPD) for guidance.

(iv) If you are unclear or having difficulty in classifying your waste, you should contact EPD for guidance.

■ In addition to the manufacturing and service industries, the following establishments/activities may also produce chemical waste:-

- Trading firms which may produce off-specification, expired or damaged products containing chemicals listed in the Schedule;
- Construction, building or renovation contractors using chemicals;
- Building demolition work producing asbestos waste;
- Private testing laboratories;
- Hospitals with medical/research laboratories;
- Educational establishments such as schools, colleges, tertiary institutions with science laboratories;
- Government departments.

### 3. THE REGISTRATION PROCESS (Sections 6 & 7)

■ The registration process involves two simple steps:-

**Step 1:** complete a registration form and return it to EPD.

**Step 2:** pay the registration fee.

■ The registration forms can be downloaded online at [http://www.epd.gov.hk/epd/sites/default/files/epd/tc\\_chi/application\\_for\\_licences/applic\\_froms/files/epd129.pdf](http://www.epd.gov.hk/epd/sites/default/files/epd/tc_chi/application_for_licences/applic_froms/files/epd129.pdf).

Applicant can also submit on-line application at <https://epic.epd.gov.hk/eForm/>.

■ The following documents are required for registration:

- (i) Completed application form;
- (ii) Copy of the identity card/certificate of incorporation and business registration certificate of the applicant; and
- (iii) Any other supporting document, e.g. authorization letter.

#### STEP 1 - Completing the registration form

■ Each chemical waste producer requires one application for registration of each location or premises of the establishment where chemical waste is produced.

■ Please complete the form clearly by typing or writing in black or blue ink. If there is no sufficient space in any column to fill in all the information, you may use separate sheet(s) of paper, which are numbered and duly signed by the applicants.

■ The information to be provided is set out below (see the sample registration form at Appendix C):-

#### Items 1-6: Particulars of waste producer

■ Enter full particulars of the waste producer. The applicant may be an individual, a company, a partnership or an organisation. For a company, partnership or organisation, its full name should be entered

#### Items 7-8: Particulars of waste generating establishment

■ Enter the name of the establishment in full and the business registration certificate number, if applicable.

#### Item 9: Nature of business

■ Enter the nature of business of the establishment(s). For an industrial establishment, the major product type(s) and the nature of the process(es) involved should also be specified. For example, manufacture of metal toys - electroplating. Refer to Appendix B for description of industrial/trade sectors and processes.

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#### **Item 10: Waste types**

■ Set out the major types of chemical waste generated or expected to be generated at the establishment(s). For example, spent acid, solvent waste, waste lubrication oil. The description should cover chemical wastes generated on both a regular or occasional basis.

#### **Items 11-15: Address and contact person**

■ Enter the address(es) of the establishment(s) and full particulars of the contact person(s) who would be responsible for day-to-day supervision.

#### **Items 16-20: Declaration**

■ If the waste producer is an individual, the declaration must be filled by the individual who applies for registration. In the case of a company or an organisation, this part must be filled by a person authorized by the company or the organisation, as the case may be. If the waste producer is a partnership, it should be filled by one of the partners. Documentary proof of authorization is required.

■ The completed form should be submitted to EPD's Customer Service Counters at the address shown in Appendix 3 of the following website: [http://www.epd.gov.hk/epd/sites/default/files/epd/tc\\_chi/application\\_for\\_licences/applic\\_froms/files/epd129.pdf](http://www.epd.gov.hk/epd/sites/default/files/epd/tc_chi/application_for_licences/applic_froms/files/epd129.pdf).

#### **STEP 2 - Payment of registration fee**

■ Advance payment of the \$265 application fee can be made in parallel with submission of the registration form in-person at EPD, by cash, cheque, EPS or FPS. However, for application submitted through mail, only cheque will be accepted. Cheque of payment should be crossed and made payable to "The Government of Hong Kong Special Administrative Region". Upon receipt of the registration form, EPD will issue an acknowledgement note by post. You may be requested to provide more information, where necessary. Once the application is complete, a Demand Note will be issued to you (if advance payment of the registration fee is not made) requesting payment of the registration fee within a specific period, normally two weeks. Payment should be made according to the instructions as stipulated on the Demand Note.

■ If the payment is not received within the specified period, your application will be cancelled and a new application will have to be submitted.

■ After payment, EPD will issue a written confirmation and assign a Waste Producer Number to each successful applicant. This number is a unique reference for each waste producer and should be quoted in all future correspondence with EPD and also on other notices/forms (e.g. trip-tickets). Where an application is found not to be related to chemical waste, EPD will also issue a written confirmation to that effect and no registration is required.

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## **4. OTHER REQUIREMENTS (Section 7)**

■ Registration is an one-off requirement and not subject to renewal. However, each registered waste producer has the obligation to inform EPD as soon as practicable of any change in the particulars of the registration, for example, changes in contact person, telephone number and correspondence address. Such notifications should be made in writing within two weeks of the change. No payment is required. Failure to notify EPD is an offence under the Regulation and is liable to a fine of \$10,000.

■ Registration is not transferable and will only be valid in respect of the person and the waste producing premises being registered. If either the name of the registered waste producer, or the address of the waste producing premises is changed, the registered waste producer is required to inform EPD so that the original registration may be cancelled. No fee is required for the cancellation of the original registration. However, a new application with a current registration fee is required for the registration of the new name or the new waste producing premises.

■ Upon registration, EPD may issue a notice requesting you to furnish more information on the wastes you produce. According to section 23B of the Waste Disposal Ordinance, you will be required to furnish the information within the period specified in the notice. Any person who fails to comply with the requirement or provides inaccurate/false information or omits information commits an offence and is liable to a fine of \$100,000.

■ Applicant for registration as a chemical waste producer at a new location or premises is reminded to inform EPD of any previous Waste Producer Registration that you no longer wish to retain by completing Appendix 1 of the following link: [http://www.epd.gov.hk/epd/sites/default/files/epd/tc\\_chi/application\\_for\\_licences/applic\\_froms/files/epd129.pdf](http://www.epd.gov.hk/epd/sites/default/files/epd/tc_chi/application_for_licences/applic_froms/files/epd129.pdf).

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## SCHEDULE OF SUBSTANCES AND CHEMICALS

### Part A

### Code

Any substance to which the Antibiotics Ordinance (Cap. 137) applies.....	30
Asbestos.....	09
Dangerous drugs (as defined in the Dangerous Drugs Ordinance (Cap. 134)).....	10
Dangerous goods, category 2, NES... $\left( \begin{array}{c} \text{As defined in the} \\ \text{Dangerous Goods} \\ \text{Ordinance (Cap.295)} \end{array} \right)$ .....	02
Dangerous goods, category 6, NES... $\left( \begin{array}{c} \text{As defined in the} \\ \text{Dangerous Goods} \\ \text{Ordinance (Cap.295)} \end{array} \right)$ .....	04
Dangerous goods, category 9, NES... $\left( \begin{array}{c} \text{As defined in the} \\ \text{Dangerous Goods} \\ \text{Ordinance (Cap.295)} \end{array} \right)$ .....	14
Dibenzofurans.....	19
Dioxins.....	19
Pesticides (as defined in the Register referred to in Section 4(b) of the Pesticides Ordinance (Cap. 133)).....	06
Poisons (Part I) (as defined in the Pharmacy and Poisons Ordinance (Cap. 138)).....	20
Polychlorinated biphenyls.....	29

### Part B

Antimony and its compounds.....	66
Arsenic compounds.....	66
Barium compounds.....	66
Beryllium and its compounds.....	66
Boron compounds.....	66
Cadmium and its compounds.....	66
Chromium bearing solid tannery waste.....	56
Chromium and its compounds, NES.....	66
Cobalt and its compounds.....	66
Copper compounds/copper etchant.....	66/76
Cyanides.....	96
Dangerous goods, category 3, NES... $\left( \begin{array}{c} \text{As defined} \\ \text{in the} \\ \text{Dangerous Goods} \\ \text{Ordinance} \\ \text{(Cap.295)} \end{array} \right)$ .....	38
Dangerous goods, category 4, NES... $\left( \begin{array}{c} \text{As defined} \\ \text{in the} \\ \text{Dangerous Goods} \\ \text{Ordinance} \\ \text{(Cap.295)} \end{array} \right)$ .....	36
Dangerous goods, category 5, NES... $\left( \begin{array}{c} \text{As defined} \\ \text{in the} \\ \text{Dangerous Goods} \\ \text{Ordinance} \\ \text{(Cap.295)} \end{array} \right)$ .....	33
Dangerous goods, category 7, NES... $\left( \begin{array}{c} \text{As defined} \\ \text{in the} \\ \text{Dangerous Goods} \\ \text{Ordinance} \\ \text{(Cap.295)} \end{array} \right)$ .....	35
Dangerous goods, category 8, NES... $\left( \begin{array}{c} \text{As defined} \\ \text{in the} \\ \text{Dangerous Goods} \\ \text{Ordinance} \\ \text{(Cap.295)} \end{array} \right)$ .....	34
Dangerous goods, category 10, NES... $\left( \begin{array}{c} \text{As defined} \\ \text{in the} \\ \text{Dangerous Goods} \\ \text{Ordinance} \\ \text{(Cap.295)} \end{array} \right)$ .....	39
Halogenated organic solvents and compounds.....	49
Lead and its compounds.....	66
Manganese and its compounds.....	66
Mercury and its compounds.....	66
Mineral oils employed for engine lubrication.....	73
Mineral oils, NES.....	63
Nickel and its compounds.....	66
Non-halogenated organic solvents and compounds.....	43
Organo lead compounds.....	86

Organo mercury compounds.....	86
Organo tin compounds.....	86
Paints.....	53
Pesticides (as defined in the Register referred to in Section 4(a) of the Pesticides Ordinance (Cap. 133)).....	46
Pharmaceutical products and medicines, NES.....	40
Phosphorus compounds excluding phosphates.....	68
Selenium compounds.....	66
Silver compounds.....	66
Sulphides.....	98
Thallium and its compounds.....	66
Tin compounds.....	66
Vanadium compounds.....	66
Zinc compounds.....	66

### Acids, alkalis and corrosive compounds

Acetic acid above 10% acetic acid by weight.....	48
Acids or acidic solutions, NES with acidity equivalent to above 5% nitric acid by weight.....	48
Ammonia solution above 10% ammonia by weight.....	58
Bases or alkaline solutions, NES, with alkalinity equivalent to above 1% sodium hydroxide by weight.....	58
Chromic acid above 1% chromic acid by weight.....	78
Fluoboric acid above 5% fluoboric acid by weight.....	48
Formic acid above 10% formic acid by weight.....	48
Hydrochloric acid above 5% hydrochloric acid by weight.....	48
Hydrofluoric acid above 0.1% hydrofluoric acid by weight.....	48
Hydrogen peroxide solution above 8% hydrogen peroxide by weight.....	55
Nitric acid above 5% nitric acid by weight.....	48
Perchloric acid above 5% perchloric acid by weight.....	48
Phosphoric acid above 5% phosphoric acid by weight.....	48
Potassium hydroxide solution above 1% potassium hydroxide by weight.....	58
Potassium hypochlorite solution above 5% active chlorine.....	88
Sodium hydroxide solution above 1% sodium hydroxide by weight.....	58
Sodium hypochlorite solution above 5% active chlorine.....	88
Sulphuric acid above 5% sulphuric acid by weight.....	48

NES = Not elsewhere specified

## CHEMICAL WASTE STREAMS FROM GENERAL PROCESSES / ACTIVITES

GENERAL PROCESS	PROC CODE	DESCRIPTION	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE
<b>CHEMICAL TESTING</b>					
Chemical testing	T03	Analysis or testing to ensure quality	Acid Alkali Organic solvent  Heavy metal compounds Toxic compounds	Spent acid Spent alkali Spent halogenated solvent Spent non-halogenated solvent Spent solution containing heavy metals Waste containing chemicals under Schedule 1	T03 L48 T03 L58 T03 L49 T03 L43 T03 L66 T03 *
<b>MAINTENANCE</b>					
Filter replacement	F03	Replacement of spent filter cartridge		Spent filter containing heavy metals	F03 S66
Maintenance, battery	M31	Maintenance of batteries	Sulphuric acid Potassium hydroxide Lead-acid battery Battery from electric vehicle	Spent acidic electrolyte Spent alkaline electrolyte Scrap battery cell containing heavy metals	M31 L48 M31 L58 M31 S66
Maintenance, brake/clutch	M32	Maintenance of (vehicles) brake/clutch linings		Asbestos waste	M32 S09
Maintenance, insulation/diaphragm	M33	Maintenance of equipment/structure containing asbestos (e.g. asbestos diaphragm, heat insulators, etc.)		Asbestos waste	M33 S09
Maintenance, n.e.s.	M40	Other maintenance activities producing chemical wastes		Waste containing chemicals under Schedule 1	M40 *
Oil refilling (renewal & drainage)	O01	Oil replacement from processing machines Oil refilling from transformers and cooling units	Lubricating oil Hydraulic oil Cooling oil Polychlorinated biphenyls (PCBs) dielectric fluid	Spent lubricating oil Spent mineral oil Spent mineral oil Spent polychlorinated biphenyls dielectric fluid	O01 L73 O01 L63 O01 L63 O01 L29
Mechanical machining	M03	General mechanical machining	Cutting oil/Cutting fluid	Spent mineral oil	M03 L63
Stripping, mechanical/manual	S32	Mechanical stripping of equipment coatings		Residue containing heavy metals	S32 M66
Stripping, metal	S33	Chemical stripping of metallic layer	Acid Cyanide	Spent acidic solution Spent solution containing cyanide	S33 L48 S33 L96
Stripping, n.e.s.	S40	Other stripping process producing chemical wastes		Waste containing chemicals under Schedule 1	S40 *
Cleaning	C06	Equipment cleaning	Acid Alkali Organic solvent	Spent acidic solution Spent alkaline solution Spent halogenated solvent Spent non-halogenated solvent	C06 L48 C06 L58 C06 L49 C06 L43
<b>DAMAGED, EXPIRED, REJECTED, SCRAP &amp; UNWANTED CHEMICALS OR PRODUCTS</b>					
DAMAGED, EXPIRED, REJECTED, SCRAP & UNWANTED CHEMICALS OR PRODUCTS	Z00			Waste containing chemicals under Schedule 1	Z00 *

\* Refer to remarks on page B-20  
(n.e.s.= not elsewhere specified)

## CHEMICAL WASTE STREAMS OF SPECIFIC INDUSTRIAL / TRADE SECTORS

SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE	
311-3 FOOD MANUFACTURING & BEVERAGE INDUSTRIES							
3111	Slaughtering, preparing and preserving meat	Chemical testing	T03	Acid Alkali Organic solvent	Spent acid Spent alkali Spent halogenated solvent Spent non-halogenated solvent	T03	L48
3112	Dairy products					T03	L58
3113	Canning, preserving of fruits and vegetables					T03	L49
3114	Canning, preserving and processing of fish and crustaceans	Processing/Storage tank cleaning	T01	Acid Alkali Organic solvent	Spent acid Spent alkali Spent non-halogenated solvent	T01	L48
3115	Vegetable and imitation animal oils and fats	Cleaning of containers	C06	Sodium hydroxide	Spent alkali	T01	L58
3116	Grain mill products						
3117	Bakery products						
3118	Vermicelli, noodles and similar farinaceous products	Process in common with printing industry (342)			(Waste streams typical to printing industry)		
3121	Sugar factories and refineries						
3122	Cocoa, chocolate and sugar confectionery						
3123	Prepared animal feeds						
3129	Food products, n.e.c.						
3131	Distilling, rectifying and blending spirits						
3132	Breweries and manufacture of malt liquors and malt						
323 LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR AND WEARING APPAREL							
3231	Tanneries and Leather Finishing	Dry cleaning	D05	Organic solvent	Spent halogenated solvent	D05	L49
3232	Products of leather and leather substitutes, except footwear and wearing apparel	Solvent cleaning	C06	Organic solvent	Sludge containing halogenated solvent Spent halogenated solvent Spent non-halogenated solvent	D05	M49
3233	Handbags (excl. rattan handbag, straw handbag, plastic shopping bags)	Liming	L03	Calcium hydroxide, sodium sulphide	Spent alkaline slurry	C06	L49
		Acid pickling	A04	Sulphuric acid	Spent acid	C06	L43
		Chrome tanning	T02	Chromium compound, bicarbonate	Spent solution containing chromium Sludge containing chromium	L03	M58
		Retanning	R03	Chromium compound, bicarbonate	Spent solution containing chromium Sludge containing chromium	A04	L48
		Lacquer coating	C32	Thinner, lacquer	Surplus lacquer	T02	M66
		Paint spraying	P01	Paint, organic solvent	Surplus paint	R03	L66
		Shaving and cutting	S07		Chromium containing tannery offcuts	R03	M66
						C32	M53
						P01	M53
						S07	S56
324 FOOTWEAR, EXCEPT RUBBER, PLASTIC AND WOODEN FOOTWEAR							
3240	Footwear, except rubber, plastic and wooden footwear	Adhesive application	A06	Organic solvent, adhesive	Surplus flammable adhesive	A06	M33
(n.e.c.= not elsewhere classified)							



SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE
<b>328 TEXTILES</b>						
3281	Bleaching and dyeing	Chemical testing	T03	Acid	Spent acid	T03 L48
3282	Textile stencilling and printing			Alkali	Spent alkali	T03 L58
3283	Textile finishing, n.e.c.			Organic solvent	Spent halogenated solvent	T03 L49
					Spent non-halogenated solvent	T03 L43
		Scouring/Kiering	S01	Sodium hydroxide	Spent alkali	S01 L58
				Organic solvent	Spent halogenated solvent	S01 L49
					Spent non-halogenated solvent	S01 L43
		Solvent cleaning	C06	Organic solvent	Spent halogenated solvent	C06 L49
					Spent non-halogenated solvent	C06 L43
		Mercerization	M04	Sodium hydroxide	Spent alkali	M04 L58
		Acid carbonizing	A02	Sulphuric acid	Spent acid	A02 L48
		Process in common with printing industry (342)			(Waste streams typical to printing industry)	
<b>341 PAPER AND PAPER PRODUCTS</b>						
3412	Containers and boxes of paper and paperboard	Chemical testing	T03	Acid	Spent acid	T03 L48
				Alkali	Spent alkali	T03 L58
3419	Articles of pulp, paper and paperboard n.e.c.			Organic solvent	Spent halogenated solvent	T03 L49
					Spent non-halogenated solvent	T03 L43
		Surface coating	C32	Mineral pigments, binder, defoaming agent	Spent coating solution containing heavy metals	C32 L66
		Process in common with printing industry (342)			(Waste streams typical to printing industry)	
<b>342 PRINTING, PUBLISHING AND ALLIED INDUSTRIES</b>						
3421	Newspaper printing	Film developing	P31	Developer, hydroxide	Spent alkaline developer	P31 L58
3422	Job printing					
3429	Printing, publishing and allied industries, n.e.c.	Film fixing	P32	Metabisulphite, acetic acid	Spent acidic solution containing silver	P32 L66
		Photographic reduction (bleaching)	P35	Potassium ferricyanide, thiosulphate	Spent solution containing silver	P35 L66
		Photographic intensification (physical deposition)	P33	Developer, mercury compound	Spent solution containing mercury	P33 L66
		Photographic intensification (oxidation)	P34	Developer/Ammonia, mercuric chloride	Spent solution containing mercury	P34 L66
		Swirl coating of resist (photo-resist, etch-resist, etc)	C34	Dichromated colloids	Surplus chemicals containing chromium	C34 L66
				Organic solvent, binder	Surplus materials with solvent	C34 L33
		Pattern developing of etch resist	P03	Developer	Spent alkaline solution	P03 L58
		Chemical hardening of etch resist	C04	Chromium compounds	Spent solution containing chromium	C04 L66
		Etching of copper plate	E31	Acid/Ferric chloride	Spent copper etchant	E31 L76
		Etching of metal plate	E34	Acid	Spent etchant	E34 L66
		Offset printing plate developing	P03	Developer	Spent developer	P03 L58
(n.e.c.= not elsewhere classified)						

# APPENDIX B (II)

SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE
		Flexographic plate etching	E36	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	E36 L49 E36 L43
		Etch-resist removal	S31	Alkali	Spent alkaline solution	S31 L58
		Chromium plating	P42	Acid, chromic acid	Spent chromic acid solution	P42 L78
		Cleaning of printing plates, printing rollers, tools etc	C06	Gasoline, kerosene Organic solvent	Spent flammable liquids Spent halogenated solvent Spent non-halogenated solvent	C06 L33 C06 L49 C06 L43
		Gravure printing	P71	Organic solvent, ink	Surplus flammable ink slurry	#P_ M33
		Letterpress printing	P72	Fountain solution	Spent fountain solution from offset printing	#P_ L33
		Rotary printing	P74			
		Silk screen printing	P75			
		Othe printing methods	P80		# P_ refers to the corresponding process code on the left column	
<b>351-2 CHEMICALS AND CHEMICAL PRODUCTS</b>						
3511	Basic industrial chemicals except fertilizers	Compounding of industrial Chemicals (e.g. dyes, pigments, pesticides, plating chemicals, paints, varnishes, etc.)	M05	Acid, Alkali, Organic solvent, Active ingredients	Mixing residue containing acid	M05 L48
3512	Fertilizers and pesticides				Mixing residue containing alkali	M05 L58
3513	Synthetic resins, plastic materials and synthetic fibres except glass				Mixing residue containing halogenated solvent	M05 L49
3521	Paints, varishes and lacquers				Mixing residue containing non-halogenated solvent	M05 L43
3522	Drugs and medicines				Mixing residue containing pesticides defined in Section 4(b) of Cap.133	M05 L06
3523	Soap and cleaning preparations, perfumes, cosmetics and other toilet preparations				Mixing residue containing pesticides defined in Section 4(a) of Cap.133	M05 L46
3524	Candles				Mixing residue containing heavy metals	M05 L66
3529	Chemical products, n.e.c.				Mixing residue containing cyanide	M05 L96
		Cleaning of scrap plastics	C06	Sodium hydroxide	Spent alkali	C06 L58
		Polymerisation of plastic monomer	P07	Monomer, organic solvent, catalyst	Unreacted monomer/ intermediate Spent halogenated solvent Spent non-halogenated solvent Tarry material Spent catalyst containing heavy metals	P07 L33 P07 L49 P07 L43 P07 M43 P07 S66
		Screening of milled pigment (paint preparations)	S02		Screened residue containing heavy metals	S02 S66
		Chemical synthesis (alkylation, esterification, cyclisation, sulphonation, etc)	C05	Organic and inorganic Chemicals (Organic solvents, toxic and corrosive materials, pharmaceutical ingredients, etc.)	Reactor residue containing chemicals under Schedule 1	C05 *
		Solvent extraction	S16	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	S16 L49 S16 L43
		Distillation	D04		Distillation residue containing chemicals under Schedule 1	D04 *
		Filling/Packaging of pharmaceutical products	F02	Pharmaceutical ingredients	Contaminated spillages	F02 L40
* Refer to remarks on page B-20 (n.e.c.= not elsewhere classified)						

SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE
		Preparation of toilet and cleaning products (including cosmetics & perfumes)	M05	Acid Alkali Hypochlorite  Organic solvent	Mixing residue containing acid Mixing residue containing alkali Mixing residue containing hypochlorite Mixing residue containing non-halogenated solvent	M05 L48 M05 L58 M05 L88  M05 L43
		Gas production	G02	Calcium carbide, catalyst	Spent catalyst containing heavy metals	G02 S66
		Purification of produced gas	P09		Acidic residue Unreacted oxidising agent	P09 S48 P09 S35
		Contact process	O02	Sulphur, catalyst	Spent catalyst containing heavy metals	O02 S66
		Tank/reactor/boiler cleaning	T01	Acid Alkali Organic solvent	Spent acid Spent alkali Spent halogenated solvent Spent non-halogenated solvent	T01 L48 T01 L58 T01 L49 T01 L43
		Plant maintenance of insulations and electrolytic diaphragm	M33		Asbestos waste	M33 S09
		Chemical testing	T03	Acid Alkali Organic solvent  Heavy metal compounds Toxic compounds	Spent acid Spent alkali Spent halogenated solvent Spent non-halogenated solvent Spent solution containing heavy metals Waste containing chemicals under Schedule 1	T03 L48 T03 L58 T03 L49 T03 L43 T03 L66  T03 *
<b>354 PRODUCTS OF PETROLEUM AND COAL</b>						
3540	Miscellaneous products of petroleum and coal	Tank cleaning	T01	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	T01 L49 T01 L43
		Chemical testing	T03	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	T03 L49 T03 L43
		Cleaning of petrol interceptor	C06	Mineral oil	Spent mineral oil	C06 L63
<b>355 RUBBER PRODUCTS</b>						
3551	Tyre retreading and manufacture of rubber tube	Compounding	M05	Mineral pigment, additives	Mixing residues containing heavy metals	M05 L66
3552	Rubber footwear	Antitack coating	C32	Lead stearate	Spent antitack agent	C32 L66
3553	Rubber toys	Solvent cleaning	C06	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	C06 L49 C06 L43
3559	Rubber products, n.e.c.	Process in common with mould making (3871)			(Waste streams typical to mould making)	
<b>356 PLASTIC PRODUCTS</b>						
3561	Plastic flowers and foliage	Fabric application	F01	Organic solvent, binder	Spent halogenated solvent	F01 L49
3562	Plastic toys	(e.g. fibre glass coating)			Spent non-halogenated solvent	F01 L43
3569	Plastic products, n.e.c.	Paint spraying	P01	Organic solvent, paint	Surplus paint	P01 M53
		Paint stripping	S34	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	S34 L49 S34 L43

\* Refer to remarks on page B-20  
(n.e.c.= not elsewhere classified)

## APPENDIX B (II)

SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE	
		Solvent cleaning	C06	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	C06	L49
		Processes in common with printing industry (342) and mould making (3871)			(Waste streams typical to printing industry and mould making)	C06	L43
362 NON-METALLIC MINERAL PRODUCTS, EXCEPT PRODUCTS OF PETROLEUM AND COAL							
3620	Glass and glass products (except spectacles, optical lenses)	Polishing	P06	Polishing oil/Coolant	Spent mineral oil	P06	L63
		Glass etching	E33	Glass etchant	Spent glass etchant	E33	L48
		Resist stripping	S31	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	S31	L49
		Cleaning	C06	Alkaline cleaner Organic solvent	Spent alkaline solution Spent halogenated solvent Spent non-halogenated solvent	C06	L58
		Sensitizing	S06	Stannous chloride	Spent solution containing heavy metals	C06	L49
		Metallizing (silver coating)	C03	Silver nitrate, alkali, formalin	Spent solution containing heavy metals	C06	L43
		Metallizing (copper coating)	C03	Copper sulphate, reducing agent	Spent solution containing heavy metals	S06	L66
		Protective layer coating	C40	Coating paint, organic solvent	Surplus paint	C03	L66
371-2 BASIC METAL INDUSTRIES							
3710	Iron and steel basic industries	Smelting and casting	C60	Alloying elements, flux	Casting slag containing heavy metals	C60	S66
		Metal rolling	R05	Rolling oil/Coolant	Spent mineral oil Bottom sludge containing mineral oil	R05	L63
		Alkaline degreasing	D33	Sodium hydroxide	Spent alkali Bottom sludge containing mineral oil	R05	M63
		Acid pickling	A04	Acid	Spent acid Bottom sludge with metallic oxides	D33	L58
		Sensitizing	S06	Zinc chloride, ammonium chloride	Spent solution containing zinc	D33	M63
3721	Non-ferrous metal basic industries, copper	Smelting and casting	C60	Alloying elements, flux	Casting slag containing heavy metals	A04	L48
		Metal rolling	R05	Rolling oil/Coolant	Spent mineral oil Bottom sludge containing mineral oil	A04	M66
		Alkaline degreasing	D33	Alkaline solution	Spent alkaline solution	S06	L66
		Desmutting	D02	Acid, dichromate	Spent chromic acid solution		
		Acid pickling	A04	Sulphuric acid	Spent acid		
		Bright dipping	B02	Hydrochloric acid	Spent acid		
(n.e.c.= not elsewhere classified)							

SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE	
3722	Non-ferrous metal basic industries, aluminium	Smelting and casting	C60	Alloying elements, flux	Casting slag containing heavy metals	C60	S66
		Alkaline degreasing	D33	Alkali	Spent alkaline solution	D33	L58
		Solvent degreasing	D33	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	D33 D33	L49 L43
		Desmutting	D02	Acid, dichromate	Spent chromic acid solution	D02	L78
		Anodizing	A08	Sulphuric acid Chromic acid mixture	Spent acid Spent chromic acid solution	A08 A08	L48 L78
		Other process in common with electroplating industry (3818)			(Waste streams typical to electroplating industry)		
3723	Non-ferrous metal basic industries, n.e.c.	Smelting and casting	C60	Alloying elements, flux	Casting slag containing heavy metals	C60	S66
		Metal rolling	R05	Rolling oil/Coolant	Spent mineral oil Bottom sludge containing mineral oil	R05 R05	L63 M63
		Precipitation of precious metals	P08	Sodium hydroxide, zinc powder Ferrous salt	Spent alkaline filtrate containing heavy metals Spent acidic filtrate	P08 P08	L66 L48
		Electrolytic extraction of precious metals	E02		Residual acidic solution Residual alkaline solution	E02 E02	L48 L58
		Recycling of batteries	Z00	Waste battery	Acidic electrolyte Alkaline electrolyte Scrap cathode or anode containing heavy metal compounds	Z00 Z00 Z00	L48 L58 S66
		Recycling of tin, solder	Z00		Waste mineral oil	Z00	L63
		380-1 FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT					
3801	Metal toys	Acid pickling	A04	Acid	Spent acid	A04	L48
3802	Nails, screws and hinges						
3803	Cans and domestic utensils of metal, except aluminium	Dewaxing	D03	Alkaline cleaner	Spent alkaline solution	D03	L58
3804	Vacuum flasks	Alkaline degreasing	D33	Alkali	Spent alkaline solution	D33	L58
3810	Cutlery			Cyanide	Spent solution containing cyanide	D33	L96
3811	Hand tools and general						
3812	Furniture and fixtures, primarily of metal	Electrodegreasing	D32	Acid Alkali Cyanide	Spent acidic solution Spent alkaline solution Spent solution containing cyanide	D32 D32 D32	L48 L58 L96
3813	Structural metal products						
3814	Aluminium wares						
3815	Pressure & kerosene stoves and lanterns and accessories	Solvent degreasing, soaking	D33	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	D33 D33	L49 L43
3816	Torches, lamps and parts except torch bulbs	Vapour degreasing	D34	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	D34 D34	L49 L43
3817	Metal wrist watchbands						
3819	Fabricated metal products, except machinery and equipment, n.e.c.	Metal surface sensitizing	S06	Acid	Spent acid	S06	L48
		Phosphating	C45	Phosphoric acid	Spent acid	C45	L48
		Lacquer coating	C32	Organic polymer	Spent solution containing halogenated organics	C32	L49
		Surface hardening, cyaniding	S20	Cyanide	Spent cyanide bath	S20	L96

(n.e.c.= not elsewhere classified)

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# APPENDIX B (II)

SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE
		Surface hardening, oil quenching	S21	Quenching oil	Spent mineral oil	S21 L63
		Paint spraying	P01	Paint, organic solvent	Surplus paint	P01 M53
		Paint stripping	S34	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	S34 L49 S34 L43
		Electropolishing	P05	Sulphuric acid, nitric acid	Spent acid	P05 L48
		Mechanical machining	M03	Cutting oil/cutting	Spent mineral oil	M03 L63
		Metal parts cleaning	C06	Kerosene, diesel, etc.	Spent flammable liquid	C06 L33
		Process in common with printing (342) and electroplating (3818) industries			(Waste streams typical to printing and electroplating industries)	
3818	Buffing, polishing and electroplating	Acid pickling	A04	Acid	Spent acid	A04 L48
		Desmutting	D02	Acid	Spent acid	D02 L48
		Dewaxing	D03	Alkaline cleaner	Spent alkaline solution	D03 L58
		Barrel degreasing	D31	Degreasing agent, cyanide	Spent solution containing cyanide	D31 L96
		Alkaline degreasing	D33	Alkali Cyanide	Spent alkaline solution Spent solution containing cyanide	D33 L58 D33 L96
		Electrodegreasing	D32	Acid Alkali Cyanide	Spent acidic solution Spent alkaline solution Spent solution containing cyanide	D32 L48 D32 L58 D32 L96
		Solvent degreasing	D33	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	D33 L49 D33 L43
		Cyanide dipping	D53	Cyanide	Spent cyanide solution	D53 L96
		Acid dipping	D51	Acid	Spent acid	D51 L48
		Cadmium plating	P41	Plating chemicals	Spent chromic acid bath in chromium plating	P42 L78
		Chromium plating	P42			
		Black chromium plating	P43			
		Copper plating	P44		Spent plating bath containing heavy metals	#P_ L66
		Gold plating	P46			
		Lacquer plating	P47			
		Nickel plating	P48		Spent plating bath containing cyanide	#P_ L96
		Black nickel plating	P49			
		Palladium plating	P51		Spent plating bath containing non-halogenated organics	#P_ L43
		Palladium nickel plating	P52			
		Rhodium plating	P53			
		Silver plating	P54		Plating bath sludge containing heavy metals	#P_ M66
		Tin plating	P55			
		Tin-cobalt plating	P56			
		Bronze plating (tin-copper)	P57		# P_ refers to the corresponding process code on the left column	
		Solder plating (tin-lead)	P58			
		Tin-nickel plating	P59			
		Zinc plating	P60			
		Brass plating (zinc-copper)	P61			
		Other plating, n.e.s.	P70			
		Renewal of filter cartridge from plating baths	F03		Filter cartridge containing heavy metals	F03 S66

(n.e.c.= not elsewhere classified)

# APPENDIX B (II)

SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE
		Electropolishing	P05	Sulphuric acid, nitric acid	Spent acid	P05 L48
		Passivation	C44	Nitric acid	Spent acid	C44 L48
		Bright dipping	D51	Acid	Spent acid	D51 L48
		Bronze dipping	C42	Acid	Spent acid	C42 L48
		Lacquer coating	C32	Organic compounds	Spent bath containing halogenated organic compounds	C32 L49
		Sulphide dipping (Antique finish)	C41	Potassium polysulphides	Spent bath containing sulphide	C41 L98
		Phosphating	C45	Phosphoric acid	Spent acid	C45 L48
		Reject/Rack stripping	S33	Nitric acid	Spent acid	S33 L48
				Cyanide, oxidizing agent	Spent solution containing cyanide	S33 L96
		Plate/strip-resist stripping	S31	Alkali	Spent alkaline solution	S31 L58
				Organic solvent	Spent halogenated solvent	S31 L49
					Spent non-halogenated solvent	S31 L43
		Oxide etching for anodizing	E35	Alkali	Spent alkali	E35 L58
				Acid, chromic acid	Spent chromic acid solution	E35 L78
		Anodizing	A08	Sulphuric acid	Spent acid	A08 L48
				Chromic acid mixture	Spent chromic acid solution	A08 L78
		Pigment colouring of anodized layer	C07	Metal salt	Spent solution containing heavy metals	C07 L66
		Electrolytic colouring of anodized layer	C08	Metal salt	Spent solution containing heavy metals	C08 L66
		Sealing after anodizing	S04	Metal salt	Spent solution containing heavy metals	S04 L66
		Paint spraying	P01	Paint, organic solvent	Surplus paint	P01 M53
		Paint application	P02	Paint, organic solvent	Surplus paint	P02 M53
		Paint stripping	S34	Organic solvent	Spent halogenated solvent	S34 L49
					Spent non-halogenated solvent	S34 L43
		Surface roughening (plastic)	S22	Chromic acid	Spent chromic acid solution	S22 L78
		Activation for electroless plating	A05	Palladium and tin salt	Spent solution containing heavy metals	A05 L66
		Acceleration for electroless plating	A01	Acid	Spent acid	A01 L48
		Electroless nickel plating	P50	Plating chemicals	Spent plating bath containing nickel	P50 L66
		Electroless copper plating	P45		Spent plating bath containing copper	P45 L66
					Plating bath sludge containing nickel	P50 M66
					Plating bath sludge containing copper	P45 M66
		Vacuum plating	V01	Metallic compounds	Non-volatile residue containing heavy metals	V01 S66

(n.e.c.= not elsewhere classified)

SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE	
382 OFFICE, ACCOUNTING AND COMPUTING MACHINERY							
3821	Office machinery and equipment, except computing and accounting machinery and equipment	Solvent cleaning	C06	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	C06 C06	L49 L43
3822		Solder flux application	S12	Flux, organic solvent	Spent halogenated solvent with solder flux Spent non-halogenated solvent with solder flux	S12 S12	L49 L43
		Soldering	S15	Solder & flux, tinning oil	Spent mineral oil with solder flux	S15	L63
		Vapour degreasing	D34	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	D34 D34	L49 L43
383 RADIO, TELEVISION AND COMMUNICATION EQUIPMENT AND APPARATUS							
3831	Transistorized radios	Solvent cleaning	C06	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	C06 C06	L49 L43
3832	Television receivers and communication equipment	Solder flux application	S12	Flux, organic solvent	Spent halogenated solvent with solder flux Spent non-halogenated solvent with solder flux	S12 S12	L49 L43
3833	Sound reproducing and equipment and apparatus				Spent mineral oil with solder flux	S15	L63
3834	Records and magnetic tapes	Vapour degreasing	D34	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	D34 D34	L49 L43
384 ELECTRONIC PARTS AND COMPONENTS							
3840	Electronic parts and components	Alkaline cleaning	C06	Alkali	Spent alkaline solution	C06	L58
		Electrodegreasing	D32	Acid	Spent acid	D32	L48
		Solvent degreasing	D33	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	D33 D33	L49 L43
		Acid pickling	A04	Acid	Spent acid	A04	L48
		Screen printing	P75	Ink, organic solvent	Surplus ink containing halogenated solvent Surplus ink containing non-halogenated solvent Surplus ink containing heavy metals	P75 P75 P75	M49 M43 M66
		Pattern developing	P03	Alkali Organic solvent	Spent alkaline solution Spent halogenated solvent Spent non-halogenated solvent	P03 P03 P03	L58 L49 L43
		Copper etching	E31	Copper etchant	Spent copper etchant	E31	L76
		Plate/Etch resist removal	S31	Alkali Organic solvent	Spent alkali Spent halogenated solvent Spent non-halogenated solvent	S31 S31 S31	L58 L49 L43
		Surface sensitizing before activation	S06	Acid	Spent acid	S06	L48
		Activation	A05	Palladium and tin salt	Spent solution containing heavy metals	A05	L66
		Acceleration	A01	Acid	Spent acid	A01	L48
(n.e.c.= not elsewhere classified)							

(n.e.c.= not elsewhere classified)



SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE
		Electroless copper plating	P45	Plating chemicals	Spent plating bath containing heavy metals Plating bath sludge containing heavy metals	P45 L66 P45 M66
		Solder mask application	S13	Heat resistant polymer, organic solvent	Surplus polymeric slurry containing flammable substances	S13 M33
		Hot air levelling	D54	Solder, tinning oil	Spent mineral oil	D54 L63
		Solder flux application	S12	Flux, organic solvent	Spent halogenated solvent with solder flux Spent non-halogenated solvent with solder flux	S12 L49 S12 L43
		Soldering	S15	Solder, flux, tinning oil	Spent mineral oil with solder flux	S15 L63
		Vapour degreasing	D34	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	D34 L49 D34 L43
		Black oxide treatment	O02	Acid	Spent acid	O02 L48
		Smear removal	S09	Chromic acid Potassium permanganate	Spent solution containing chromium Spent solution containing manganese	S09 L78 S09 L66
		Etch -back	E03	Glass etchant	Spent acid	E03 L48
		Tin-lead (solder) stripping	S33	Fluoroboric acid	Spent acid	S33 L48
		Solder brightening	S11	Acid	Spent acid	S11 L48
		Reject/Rack stripping	S33	Nitric acid Cyanide	Spent acid Spent solution containing cyanide	S33 L48 S33 L96
		Photosensitive material coating	C34	Photoresist, organic solvent	Surplus halogenated solvent with photosensitive material Surplus non-halogenated solvent with photosensitive material	C34 L49 C34 L43
		Oxide etching in LCD/IC production	E35	Acid/Glass etchant	Spent acid	E35 L48
		Coating of LCD plate	C34	Organic solvent, polyimide	Surplus material containing halogenated solvent Surplus material containing non-halogenated solvent	C34 L49 C34 L43
		Filling of liquid crystal	F02	Liquid crystal	Surplus flammable organic material	F02 M33
		Solvent cleaning	C06	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	C06 L49 C06 L43
		Film developing	P31	Developer, hydroxide	Spent alkaline developer	P31 L58
		Film fixing	P32	Metabisulphite, acetic acid	Spent acidic solution containing silver	P32 L58
		Sorting of unwanted, rejected or damaged printed circuit board	Z00	Waste printed circuit board	Waste containing heavy metals	Z00 S66
		Process in common with electroplating industry (3818)			(Waste streams typical to electroplating industry)	

(n.e.c.= not elsewhere classified)

SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE	
385	ELECTRICAL APPLIANCES AND HOUSEWARE AND ELECTRONIC TOYS						
3851	Electrical appliances and houseware	Paint spraying	P01	Paint, organic solvent	Surplus paint	P01	M53
		Paint stripping	S34	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	S34 S34	L49 L43
		Solvent cleaning	C06	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	C06 C06	L49 L43
		Vapour degreasing	D34	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	D34 D34	L49 L43
		Process in common with plastic (356) and plating (3818) industries			(Waste streams typical to plastic and electroplating industries)		
3852	Electronic toys	Metal parts cleaning	C06	Acid Alkali	Spent acid Spent alkali	C06 C06	L48 L58
		Solvent cleaning	C06	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	C06 C06	L49 L43
		Soldering	S15	Flux, tinning oil, solder	Spent mineral oil with solder flux	S15	L63
		Vapour degreasing	D34	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	D34 D34	L49 L43
		Process in common with plastic (356) and plating (3818) industries			(Waste streams typical to plastic and electroplating industries)		
386-7	MACHINERY, EQUIPMENT, APPARATUS, PARTS AND COMPONENTS, n.e.c.						
3861	Engines and turbines	Surface hardening, cyaniding	S20	Cyanide	Spent solution containing cyanide	S20	L96
3862	Agricultural machinery and equipment	Surface hardening, oil quenching	S21	Quenching oil	Spent mineral oil	S21	L63
3863	Metal and wood working machinery						
3864	Special industrial machinery and equipment except metal and wood working machinery	Metal parts cleaning	C06	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	C06 C06	L49 L43
3865	Industrial machinery and apparatus for the generation of electricity			Kerosene, diesel, etc.	Spent flammable liquid	C06	L33
3866	Dry batteries (excluding lead accumulators)	Mixing of anode materials	M05	Heavy metal compounds	Mixing residue containing heavy metals	M05	S66
		Mixing of cathode materials	M05	Heavy metal compounds	Mixing residue containing heavy metals	M05	S66
		Electrolyte preparation	M05	Hydroxide	Surplus alkali	M05	L58
		Metal parts cleaning	C06	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	C06 C06	L49 L43
				Kerosene, diesel, etc.	Spent flammable liquid	C06	L33
		Vapour degreasing	D34	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	D34 D34	L49 L43
		Process in common with printing (342) and electroplating (3818) industries			(Waste streams typical to printing and electroplating industries)		
(n.e.c.= not elsewhere classified)							

(n.e.c. = not elsewhere classified)

## APPENDIX B (II)

SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE	
3867	Electric and torch bulbs and tubes	Paint spraying	P01	Paint, organic solvent	Surplus paint	P01	M53
		Paint stripping	S34	Organic solvent	Spent halogented solvent Spent non-halogenated solvent	S34 S34	L49 L43
		Glass etching	E33	Glass etchant	Spent acid	E33	L48
		Etch-resist stripping	S31	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	S31 S31	L49 L43
		Screen printing	P75	Ink, organic solvent	Surplus ink containing heavy metals	P75	M66
3871	Machinery and equipment except electrical, n.e.c.	Bronzing	C42	Silver cyanide	Spent solution containing cyanide	C42	L96
		Metallizing	C42	Silver nitrate, alkali, formalin	Spent solution containing silver	C42	L66
		Electrochemical machining	M02	Electrolyte	Spent electrolyte containing heavy metals	M02	L66
		Electrical discharge machining	M01	Electrolyte	Spent electrolyte containing heavy metals	M01	L66
				Cooling oil	Spent mineral oil	M01	L63
		Mechanical machining	M03	Cutting oil/Cutting fluid	Spent mineral oil	M03	L63
		Process in common with electroplating industry (3818)			(Waste streams typical to electroplating industry)		
3868	Electronic industrial apparatus	Metal spraying	S18	Conductive metal	Residues containing metallic oxides	S18	M66
3872	Electrical products and accessories, n.e.c.	Process in common with electronic toys production (3852)			(Waste streams typical to electronic toys production)		
3873	Electronic products, n.e.c.						
388 TRANSPORT EQUIPMENT							
3881	Shipyards	Boiler cleaning for vessels	T01	Acid	Spent acid	T01	L48
3882	Boatyards	Maintenance of insulation pipings	M33		Asbestos waste	M33	S09
3883	Railroad equipment						
3884	Motor vehicles	Surface hardening, cyaniding	S20	Cyanide	Spent solution containing cyanide	S20	L96
3885	Motor-cycles and bicycles						
3886	Aircraft	Surface hardening, oil quenching	S21	Quenching oil	Spent mineral oil	S21	L63
3888	Motor vehicle breaking						
3889	Transport equipment, n.e.c.	Replacement of lubricating, hydraulic, or cooling oils	O01	Lubricating oil Hydraulic oil Cooling oil	Spent lubricating oil Spent mineral oil Spent mineral oil	O01 O01 O01	L73 L63 L63
		Decarbonization	D01	Organic solvent	Spent halogenated solvent	D01	L49
		Metal parts/engine cleaning	C06	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	C06 C06	L49 L43
				Kerosene, diesel, etc.	Spent flammable liquid	C06	L33
		Paint spraying	P01	Paint, organic solvent	Surplus paint	P01	M53
		Paint stripping	S34	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	S34 S34	L49 L43
		Mechanical machining	M03	Cutting oil/Cutting fluid	Spent mineral oil	M03	L63
		Maintenance of brake / clutch linings	M32		Asbestos waste	M32	S09

(n.e.c.= not elsewhere classified)

(n.e.c.= not elsewhere classified)

SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE
		Battery replacement or recharging	Z00		Spent acidic electrolyte Spent battery parts containing heavy metals  (Waste streams typical to electroplating industry)	Z00 L48 Z00 S66
<b>389 PROFESSIONAL AND SCIENTIFIC, MEASURING AND CONTROLLING EQUIPMENT, n.e.c. AND PHOTOGRAPHIC AND OPTICAL GOODS</b>						
3891	Photographic and optical goods	Lens polishing	P06	Polishing oil	Spent mineral oil Sludge containing mineral oil	P06 L63 P06 M63
		Alkaline degreasing	D33	Alkali	Spent alkaline solution	D33 L58
		Solvent cleaning	C06	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	C06 L49 C06 L43
		Vapour degreasing	D34	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	D34 L49 D34 L43
		Mask painting	P02	Masking paint, organic solvent	Surplus paint	P02 M53
		Mask stripping	S35	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	S35 L49 S35 L43
3892	Watches and clocks, mechanical	Solvent cleaning	C06	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	C06 L49 C06 L43
3893	Watches and clocks, electronic	Process in common with electroplating industry (3818)			(Waste streams typical to electroplating industry)	
3899	Professional & scientific, and measuring and controlling equipment, n.e.c.	Metal parts cleaning	C06	Organic solvent  Kerosene, diesel, etc.	Spent halogenated solvent Spent non-halogenated solvent Spent flammable liquid	C06 L49 C06 L43 C06 L33
		Vapour degreasing	D34	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	D34 L49 D34 L43
		Paint spraying	P01	Paint, organic solvent	Surplus paint	P01 M53
		Paint stripping	S34	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	S34 L49 S34 L43
		Lens polishing	P06	Polishing oil	Spent mineral oil Sludge containing mineral oil	P06 L63 P06 M63
		Solvent cleaning	C06	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	C06 L49 C06 L43
		Process in common with electroplating (3818) industry			(Waste streams typical to electroplating industry)	

(n.e.c. = not elsewhere classified)

# APPENDIX B (II)

SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE
<b>390-1 MANUFACTURING INDUSTRIES, n.e.c.</b>						
3901 3903 3904 3905	Toys, n.e.c. Musical instruments Sporting and athletic goods Wig and hair products	Process in common with plastic products (356); fabricated metal products, except machinery and equipment (380-1); and electrical appliances & houseware and electronic toys (385) industries			(Waste streams typical to plastic products industries; fabricated metal products, except machinery and equipment; and electrical appliances & houseware and electronic toys)	
3906	Bakelite wares	Compounding  Process in common with mould making (3871)	M05	Pigments, additives	Mixing residue containing heavy metals  (Waste streams typical to mould making)	M05 S66
3902  3907	Jewellery and related articles  Artificial pearls and imitation jewellery	Colouring  Chemical polishing  Acid cleaning Sealing wax stripping Fire assay  Process in common with plastic products (356); non-ferrous basic metals, n.e.c. (3723); fabricated metal products, except machinery and equipment (380-1); electroplating (3818) industries	C07  P04 C06 S40 I02	Pigments  Cyanide, hydrogen peroxide Acid Organic solvent Lead foil	Spent solution containing heavy metals  Spent solution containing cyanide  Spent acid Spent non-halogenated solvent Spent cupel containing lead compounds  (Waste streams typical to plastic products industries; non-ferrous basic metals, n.e.c.; fabricated metal products, except machinery and equipment; and electroplating)	C07 L66  P04 L96 C06 L48 S40 L43 I02 S66
3908	Buttons	Compounding  Process in common with electroplating industry (3818)	M05	Pigments, additives	Mixing residue containing heavy metals  (Waste streams typical to electroplating industry)	M05 S66
3911	Umbrellas	Mechanical machining  Paint spraying Paint stripping  Process in common with electroplating industry (3818)	M03  P01 S34	Cutting oil / Cutting fluid  Paint, organic solvent Organic solvent	Spent mineral oil  Surplus paint Spent halogenated solvent Spent non-halogenated solvent  (Waste streams typical to electroplating industry)	M03 L63  P01 M53 S34 L49 S34 L43
3919	Manufacturing industries, n.e.c.	Paint spraying Paint stripping  Metal etching  Solvent cleaning  Process in common with printing (342) and electroplating (3818) industries	P01 S34  E34 C06	Paint, organic solvent Organic solvent  Acid Organic solvent	Surplus paint Spent halogenated solvent Spent non-halogenated solvent  Spent etchant containing heavy metals  Spent halogenated solvent Spent non-halogenated solvent  (Waste streams typical to printing and electroplating industries)	P01 M53 S34 L49 S34 L43  E34 L66  C06 L49 C06 L43

(n.e.c.= not elsewhere classified)

SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE			
411 ELECTRICITY, GAS AND STEAM									
4111 4112	Electric light and power Gas manufacture and distribution	Storage tank cleaning (e.g. fuel oil, lubrication oil, etc.)	T01	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent Tarry sludge	T01 T01 T01	L49 L43 M33		
		Fuel burning	F05	Fuel, fuel additives	Residue/ash containing heavy metals	F05	S66		
		Gas reforming	G02	Petrochemical, catalyst	Spent catalyst containing heavy metals Tarry materials	G02 G02	S66 M33		
		Gas scrubbing	G01		Spent acidic solution	G01	L48		
		Desulphurization	O02	Petrochemical, catalyst	Spent catalyst containing heavy metals Tarry materials	O02 O02	S66 M33		
		Paint spraying	P01	Paint, organic solvent	Surplus paint	P01	M53		
		Paint stripping	S34	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent	S34 S34	L49 L43		
		Oil retrofilling from maintenance of transformers	O01	Cooling oil	Spent mineral oil Spent fluid containing polychlorinated biphenyls	O01 O01	L63 L29		
		Oil retrofilling from maintenance of vehicles, ventilation system, etc.	O01	Lubricating oil	Spent lubricating oil	O01	L73		
		Metal parts cleaning	C06	Kerosene, diesel, etc.	Spent flammable liquid	C06	L33		
		Decarbonization	D01	Halogenated solvent	Spent halogenated solvent	D01	L49		
		Solvent cleaning of electrical and electronic parts	C06	Halogenated solvent	Spent halogenated solvent	C06	L49		
		610 WHOLESALE TRADE							
		6102 6103 6105 6108	Fuel Alcoholic drinks and Tobacco Consumer goods Raw materials and semi-manufactures	Storage tank cleaning (e.g. fuel oil, chemical, etc.)	T01	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent Tarry sludge	T01 T01 T01	L49 L33 M33
				Treatment of floor spills in holding tank	L01		Oily sludge	L01	M63
Damaged, expired, rejected, scrap & unwanted chemicals or products	Z00				Waste containing chemicals under Schedule 1	Z00	*		
620 RETAIL TRADE									
6202 6203 6205	Fuel Alcoholic drinks and tobacco Consumer goods			Storage tank cleaning (e.g. fuel oil, chemical, etc.)	T01	Organic solvent	Spent halogenated solvent Spent non-halogenated solvent Tarry sludge	T01 T01 T01	L49 L33 M33
		Treatment of floor spills in holding tank	L01		Interceptor oily sludge	L01	M63		
		Lubrication services	L02	Lubricating oil	Oily sludge Spent lubricating oil	L02 L02	M73 L73		
		Damaged, expired, rejected, scrap & unwanted Chemicals, drugs, Chinese medicine or products	Z00		Waste containing chemicals under Schedule 1	Z00	*		
		* Refer to remarks on page B-20 (n.e.c.= not elsewhere classified)							

\* Refer to remarks on page B-20  
(n.e.c.= not elsewhere classified)

## APPENDIX B (II)

SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE	
630 IMPORT/EXPORT TRADE							
6302	Fuel	Storage tank cleaning	T01	Organic solvent	Spent halogenated solvent	T01	L49
6303	Alcoholic drinks & tobacco	(e.g. fuel oil, chemical, etc.)			Spent non-halogenated solvent	T01	L33
6305	Consumer goods				Tarry sludge	T01	M33
6308	Raw materials and semi-manufactures	Treatment of floor spills in holding tank	L01		Interceptor oily sludge	L01	M63
		Damaged, expired, rejected, scrap & unwanted Chemicals, drugs, Chinese medicines or products	Z00		Waste containing chemicals under Schedule 1	Z00	*
710 LAND TRANSPORT							
7101	Motor buses	Oil storage tank cleaning	T01		Oily sludge	T01	M63
7102	Tramways and railways	(e.g. fuel oil, lubricating oil, etc.)					
		Process in common with transport equipment production (388)			(Waste streams typical to transport equipment building and repairing)		
711 LAND TRANSPORT							
7118	Vehicular tunnel	Metal parts cleaning	C06	Fuel oil	Spent flammable liquid	C06	L33
		Paint spraying	P01	Paint, organic solvent	Surplus paint	P01	M53
		Paint stripping	S34	Organic solvent	Spent halogenated solvent	S34	L49
					Spent non-halogenated solvent	S34	L43
		Oil retrofilling from maintenance of transformers	O01	Cooling oil	Spent mineral oil	O01	L63
					Spent fluid containing polychlorinated biphenyls	O01	L29
		Oil retrofilling from maintenance of vehicles, ventilation system, etc.	O01	Lubricating oil	Spent lubricating oil	O01	L73
		Decarbonization	D01	Halogenated solvent	Spent halogenated solvent	D01	L49
		Solvent cleaning of electrical and electronic parts	C06	Halogenated solvent	Spent halogenated solvent	C06	L49
712 WATER TRANSPORT							
7121	Ocean and coastal water transport (excluding seamen)	Oil/chemical storage tank cleaning (e.g. fuel oil, noxious liquid, etc.)	T01	Organic solvent	Sludge containing halogenated solvent	T01	M49
					Sludge containing non-halogenated solvent	T01	M43
7124	Harbour ferry				Waste containing chemicals under Schedule 1	T01	*
7127	Container services						
7129	Salvaging services	Boiler cleaning	T01	Acid	Spent acid	T01	L48
		Process in common with transport equipment production (388)			(Waste streams typical to transport equipment building and repairing)		
* Refer to remarks on page B-20 (n.e.c.=not elsewhere classified)							

SECTOR CODE	INDUSTRY TYPE	PROCESS	PROC CODE	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE	
940 MOTION PICTURE AND OTHER ENTERTAINMENT SERVICES							
9401	Film processing	Stripping of back coating	S35	Sodium sulphate, borax, sodium hydroxide	Spent alkali	S35	L58
		Film developing	P31	Developer, hydroxide	Spent alkaline solution	P31	L58
		Film fixing	P32	Metabisulphite, acetic acid	Spent acidic solution containing silver	P32	L66
		Photographic reduction (bleaching)	P35	Potassium ferricyanide, thiosulphate	Spent solution containing silver	P35	L66
		Photographic intensification (physical deposition)	P33	Developer, mercury compounds	Spent bath containing mercury	P33	L66
		Photographic intensification (oxidation)	P34	Developer/Ammonia, mercuric chloride	Spent bath containing mercury	P34	L66
		Stabilization	S19	Stablizer / Formaldehyde	Spent stablizer/formalin solution	S19	L36
		Sound track developing	S17	Developer	Spent alkaline solution	S17	L58
951 REPAIR SERVICES, n.e.c.							
9513	Repair of motor vehicles and motor cycles	Battery replacement or recharging	M31	Lead-acid battery	Spent battery containing heavy metals	M31	S66
		Spent acidic electrolyte			M31	L48	
		Process in common with transport equipment production (388)			(Waste streams typical to transport equipment building and repairing)		
952 LAUNDRIES, LAUNDRY SERVICES, AND CLEANING AND DYEING PLANTS							
9520	Laundries, laundry services, and cleaning and dyeing plants	Dry cleaning	D05	Perchloroethylene/ Halogenated solvent	Spent halogenated solvent Sludge containing halogenated solvent	D05 D05	L49 M49
959 MISCELLANEOUS PERSONAL SERVICES							
9592	Photographic studios, including commercial photography	Stripping of back coating	S35	Sodium sulphate, borax, sodium hydroxide	Spent alkali	S35	L58
		Film/photo developing	P31	Film/Photo developer	Spent alkaline solution	P31	L58
		Film/photo fixing	P32	Film/Photo fixer	Spent acidic solution containing silver	P32	L66
		Photographic reduction (bleaching)	P35	Potassium ferricyanide, thiosulphate	Spent solution containing silver	P35	L66
		Photographic intensification (physical deposition)	P33	Developer, mercury compunds	Spent bath containing mercury	P33	L66
		Photographic intensification (oxidation)	P34	Developer/Ammonia, mercuric chloride	Spent bath containing mercury	P34	L66
		Stabilisation	S19	Stabilizer / Formaldehyde	Spent stabilizer/formalin solution	S19	L36
(n.e.c.= not elsewhere classified)							



## CHEMICAL WASTE STREAMS FROM WASTE TREATMENT PROCESSES

GENERAL PROCESS	PROC CODE	DESCRIPTION	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE
Centrifuging	C01	Separation of different substances by centrifuge		Waste containing chemicals under Schedule 1	C01 *
Distillation / Solvent recovery	D04	Purification & separation of components by heat application		Distilled bottoms containing halogenated solvent and tarry materials	D04 M49
				Distilled bottoms containing non-halogenated solvent and tarry materials	D04 M43
Electrolytic extraction	E02	Electrodeposition of precious metal from waste solution		Waste acidic electrolyte	E02 L48
Resin regeneration	R02	Regeneration of ion-exchange system	Sulphuric acid/Hydrochloric acid Sodium hydroxide	Spent acid	R02 L48
				Spent alkali	R02 L58
Liquid separation	L01	Separation of immiscible liquid in holding tank		Mineral oil waste	L01 L63
				Halogenated solvent waste	L01 L49
				Non-halogenated solvent waste	L01 L43
Precipitation	P08	Precipitation by chemical	Acid Alkali	Spent acidic solution	P08 L48
				Spent alkaline solution	P08 L58
				Precipitate containing heavy metals	P08 M66
				Precipitate containing halogenated organic compounds	P08 M49
Sedimentation	S05	Separation of solid from liquid by physical settlement		Sludge containing heavy metals	S05 M66
				Sludge containing halogenated organic compounds	S05 M49
Skimming	S08	Removal of surface layer from a waste liquid or mixture held in a processing/storage tank		Mineral oil waste	S08 L63
				Halogenated solvent waste	S08 L49
				Non-halogenated solvent waste	S08 L43
Dewatering, centrifuge	D41	Removal of excessive water from sludge by centrifuge		Dewatered sludge containing heavy metals	D41 M66
				Dewatered sludge containing halogenated organic compounds	D41 M49
Dewatering, filter press	D42	Removal of excessive water from sludge by filter press		Dewatered sludge containing heavy metals	D42 M66
				Dewatered sludge containing halogenated organic compounds	D42 M49
Dewatering, n.e.s.	D50	Removal of excessive water from sludge by other methods not elsewhere specified		Dewatered sludge containing heavy metals	D50 M66
				Dewatered sludge containing halogenated organic compounds	D50 M49
Incineration	I02	Incineration of wastes Metal extraction by calcination		Incineration ash & slag containing heavy metals	I02 M66
Gas scrubbing	G01	Removal of gaseous fumes by scrubber.		Acidic waste	G01 L48
				Alkaline waste	G01 L58
				Scrubbed solution containing halogenated organic compounds	G01 L49
				Scrubbed solution containing high content of mineral oils	G01 L63
				Paint waste slurry from paint spraying	G01 M53

\* Refer to remarks on page B-20

GENERAL PROCESS	PROC CODE	DESCRIPTION	TYPICAL PROCESS CHEMICAL	WASTE STREAM	WASTE CODE
Reduction	R01	Reduction of metal ions in solution	Reducing agent	Spent solution containing heavy metals	R01 L66
Adsorption	A07	Removal of metallic contaminants from solution	Activated charcoal	Spent charcoal containing heavy metals	A07 S66
Ion exchange	I03	Removal of ions from solution	Resin	Spent resin containing heavy metals	I03 S66
Cyanide destruction	C92	Destruction of cyanide in solution	Oxidizing agent		
Neutralization	N82	Neutralization of acidic or alkaline waste	Acid Alkali		
Sorting and recycling of certain WEEE items	S82	Sorting and recycling of certain electronic equipment	Flat-panel display Cathode ray tube Fluorescent lamp Waste lead-acid battery (WLAB) including WLAB from UPS Printed circuit board	Waste containing heavy metals	S82 S66
Cleansing	C06	Cleansing of petrol interceptor	Mineral oil	Mineral oil collected from petrol interceptor	C06 L63

(n.e.s.= not elsewhere specified)

## REMARKS

### HOW TO COMPLETE WASTE CODE DENOTED BY \*

The WASTE CODE consists of the concerned PROCESS CODE and WASTE SUB-CODE.

The PROCESS CODE is shown alongside the process name whereas the WASTE SUB-CODE is described below.

#### Waste Sub-Code

The waste sub-code is a 3-digit alpha-numeric code. The first digit is an alphabet which denotes the physical form of the waste as follows:

Physical State:   A   stands for Aerosol  
                       G   stands for Gas in pressurised container  
                       L   stands for Liquid  
                       M   stands for Miscellaneous (e.g. Sludge)  
                       S   stands for Solid

The last two digits are Arabic numeric codes (see Appendix A) denoting the nature of waste. That is to say:

Waste sub-code = Physical state + Numeric code

Examples:       L76   stands for liquid copper etchant  
                       M66   stands for toxic metal sludges  
                       S09   stands for solid asbestos waste

## SAMPLE REGISTRATION FORM

<b>Environmental Protection Department</b> <b>環 境 保 護 署</b> <b>Waste Disposal Ordinance (Chapter 354)</b> <b>香港法例第 354 章廢物處置條例</b> <b>Waste Disposal (Chemical Waste)(General)Regulation</b> <b>廢物處置 (化學廢物) (一般)規例</b> <b>Application for Registration as a Chemical Waste Producer</b> <b>化學廢物產生者登記申請表</b>		
<b>A. Chemical Waste Producer</b> 化學廢物產生者	<b>Name of Applicant (English)</b> _____ <b>(Chinese)</b> _____ (申請人或機構名稱): (英 文) _____ (中 文) _____ <b>Business Reg. Cert. No. (if any)</b> _____ (商業登記證編號): (如有者) _____ <b>I.D. Card No. (where appropriate)</b> _____ (身分證編號): (如適用者) _____ <b>Address for Correspondence</b> _____ (通訊地址): _____ _____ <b>Tel. No.</b> _____ <b>Fax No.</b> _____ (電話): _____ (圖文傳真): _____ <b>E-mail Address</b> _____ (電郵地址): _____	
<b>B. Location or Premises where the waste is produced</b> 產生廢物的地點或樓宇	<b>Name of Establishment</b> _____ (機構名稱): _____ <b>Business Reg. Cert. No. (if any)</b> _____ (商業登記證編號): (如有者) _____ <b>Nature of Business</b> _____ (業務性質): _____ <b>Major chemical waste types</b> _____ (主要化學廢物種類): _____ _____ <b>Address</b> _____ (地址): _____ _____ <b>Tel. No.</b> _____ <b>Fax No.</b> _____ (電話): _____ (圖文傳真): _____ <b>Contact Person (Full Name)</b> _____ <b>(Capacity)</b> _____ (聯絡人): (全名): _____ (職位): _____	
<b>C. Declaration</b> 聲 明	I hereby certify that the particulars given above are correct and true to the best of my knowledge and belief. 據本人所知及所信，上文所開列的資料，全屬真確無訛，此證。 _____ <div style="display: flex; justify-content: space-between;"> <div> <b>Signature (簽名)</b>            _____  <b>Name in block letters (正楷姓名)</b> </div> <div> <b>Company chop where appropriate</b> (公司印鑑如適用者)            _____  <b>Capacity (職位)</b> </div> <div> <b>Date(日期)</b>            _____         </div> </div>	

WARNING : Any person who knowingly or recklessly provides incorrect or misleading information or omits material particulars or information or knowingly or recklessly certifies as correct anything which is incorrect, in relation to any requirement in the Waste Disposal (Chemical Waste) (General) Regulation, commits an offence punishable with a maximum fine of \$200,000 and imprisonment for 6 months.

警 告：根據廢物處置(化學廢物)(一般)規例的規定，任何人士故意或罔顧後果地提供不確或誤導資料或遺漏重要事項，又或故意或罔顧後果地證明任何不確事項為正確，即屬違法，最高可被判罰款港幣 200,000 元及入獄 6 個月。

EPD 129 (Sep 2022)

Application form for registration of chemical waste producer is available from the following link:  
[http://www.epd.gov.hk/epd/sites/default/files/epd/tc\\_chi/application\\_for\\_licences/applic\\_froms/files/epd129.pdf](http://www.epd.gov.hk/epd/sites/default/files/epd/tc_chi/application_for_licences/applic_froms/files/epd129.pdf)

## **Addendum to A Guide to the Registration of Chemical Waste Producers (Updated Dangerous Goods Ordinance)**

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### **Legislation related to updated regulatory system of dangerous goods**

The amended Dangerous Goods Ordinance and its subsidiary legislation align the regulatory system for dangerous goods with international standards. The relevant updates are listed below:

### **APPENDIX A SCHEDULE OF SUBSTANCES AND CHEMICALS**

#### **Part A**

Repeal

“Dangerous goods, category 2, NES

Dangerous goods, category 6, NES

Dangerous goods, category 9, NES”.

Add

“Class 2 dangerous goods, NES

Class 4.2 dangerous goods, NES

Class 4.3 dangerous goods, NES”.

#### **Part B**

Repeal

“Dangerous goods, category 3, NES

Dangerous goods, category 4, NES

Dangerous goods, category 5, NES

Dangerous goods, category 7, NES

Dangerous goods, category 8, NES

Dangerous goods, category 10, NES”.

Add

“Class 3 dangerous goods, NES

Class 3A dangerous goods, NES

Class 4.1 dangerous goods, NES  
Class 5.1 dangerous goods, NES  
Class 5.2 dangerous goods, NES  
Class 6.1 dangerous goods, NES  
Class 8 dangerous goods, NES  
Class 9 dangerous goods, NES”.

Environmental Protection Department  
March 2022

[Reviewed in March 2023 to reflect the redistributed duties in relation to the internal reorganisation of EEB (Environment Branch) and EPD.]