

COMMISSION REGULATION (EU) No 849/2010
of 27 September 2010
amending Regulation (EC) No 2150/2002 of the European Parliament and of the Council on waste statistics
(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 2150/2002 of the European Parliament and of the Council of 25 November 2002 on waste statistics ⁽¹⁾, and in particular Article 6(2) thereof,

Whereas:

(1) The evaluation of the first two data deliveries in 2006 and 2008 revealed the need for a review of certain conceptual shortcomings of the Annexes to Regulation (EC) No 2150/2002.

(2) The Commission has informed the European Parliament and the Council on the implementation of the Regulation (EC) No 2150/2002 ⁽²⁾ and has proposed a number of changes.

(3) Regulation (EC) No 2150/2002 should therefore be amended accordingly.

(4) The measures provided for in this Regulation are in accordance with the opinion of the European Statistical System Committee, established by Regulation (EC) No 223/2009 of the European Parliament and of the Council of 11 March 2009 on European statistics ⁽³⁾,

HAS ADOPTED THIS REGULATION:

Article 1

Annexes I, II and III to Regulation (EC) No 2150/2002 are replaced by the text set out in the Annex to this Regulation.

Article 2

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 27 September 2010.

For the Commission

The President

José Manuel BARROSO

⁽¹⁾ OJ L 332, 9.12.2002, p. 1.

⁽²⁾ COM(2008) 355 final.

⁽³⁾ OJ L 87, 31.3.2009, p. 164.

ANNEX

'ANNEX I

GENERATION OF WASTE

SECTION 1

Coverage

1. The statistics shall be compiled for all activities classified within the coverage of Sections A to U of NACE Rev. 2. These Sections cover all economic activities.

This Annex also covers:

- (a) waste generated by households;
- (b) waste arising from recovery and/or disposal operations.

2. Waste recycled on the site where it was generated shall not be covered by this Annex.

SECTION 2

Waste categories

Statistics on the following waste categories are to be produced:

Aggregates list			
EWC-Stat/Version 4			
Item No		Description	Hazardous/Non-hazardous waste
1	01.1	Spent solvents	Hazardous
2	01.2	Acid, alkaline or saline wastes	Non-hazardous
3	01.2	Acid, alkaline or saline wastes	Hazardous
4	01.3	Used oils	Hazardous
5	01.4, 02, 03.1	Chemical wastes	Non-hazardous
6	01.4, 02, 03.1	Chemical wastes	Hazardous
7	03.2	Industrial effluent sludges	Non-hazardous
8	03.2	Industrial effluent sludges	Hazardous
9	03.3	Sludges and liquid wastes from waste treatment	Non-hazardous
10	03.3	Sludges and liquid wastes from waste treatment	Hazardous
11	05	Health care and biological wastes	Non-hazardous
12	05	Health care and biological wastes	Hazardous
13	06.1	Metallic wastes, ferrous	Non-hazardous
14	06.2	Metallic wastes, non-ferrous	Non-hazardous

Aggregates list			
EWC-Stat/Version 4			
Item No		Description	Hazardous/Non-hazardous waste
15	06.3	Metallic wastes, mixed ferrous and non-ferrous	Non-hazardous
16	07.1	Glass wastes	Non-hazardous
17	07.1	Glass wastes	Hazardous
18	07.2	Paper and cardboard wastes	Non-hazardous
19	07.3	Rubber wastes	Non-hazardous
20	07.4	Plastic wastes	Non-hazardous
21	07.5	Wood wastes	Non-hazardous
22	07.5	Wood wastes	Hazardous
23	07.6	Textile wastes	Non-hazardous
24	07.7	Waste containing PCB	Hazardous
25	08 (excl. 08.1, 08.41)	Discarded equipment (excluding discarded vehicles, batteries and accumulators wastes)	Non-hazardous
26	08 (excl. 08.1, 08.41)	Discarded equipment (excluding discarded vehicles, batteries and accumulators wastes)	Hazardous
27	08.1	Discarded vehicles	Non-hazardous
28	08.1	Discarded vehicles	Hazardous
29	08.41	Batteries and accumulators wastes	Non-hazardous
30	08.41	Batteries and accumulators wastes	Hazardous
31	09.1	Animal and mixed food waste	Non-hazardous
32	09.2	Vegetal wastes	Non-hazardous
33	09.3	Animal faeces, urine and manure	Non-hazardous
34	10.1	Household and similar wastes	Non-hazardous
35	10.2	Mixed and undifferentiated materials	Non-hazardous
36	10.2	Mixed and undifferentiated materials	Hazardous
37	10.3	Sorting residues	Non-hazardous
38	10.3	Sorting residues	Hazardous
39	11	Common sludges	Non-hazardous
40	12.1	Mineral waste from construction and demolition	Non-hazardous
41	12.1	Mineral waste from construction and demolition	Hazardous

Aggregates list			
EWC-Stat/Version 4			
Item No		Description	Hazardous/Non-hazardous waste
42	12.2, 12.3, 12.5	Other mineral wastes	Non-hazardous
43	12.2, 12.3, 12.5	Other mineral wastes	Hazardous
44	12.4	Combustion wastes	Non-hazardous
45	12.4	Combustion wastes	Hazardous
46	12.6	Soils	Non-hazardous
47	12.6	Soils	Hazardous
48	12.7	Dredging spoils	Non-hazardous
49	12.7	Dredging spoils	Hazardous
50	12.8, 13	Mineral wastes from waste treatment and stabilised wastes	Non-hazardous
51	12.8, 13	Mineral wastes from waste treatment and stabilised wastes	Hazardous

SECTION 3

Characteristics

Statistics shall be compiled on the following characteristics and breakdowns:

1. The quantity of waste generated for each waste category listed in Section 2(1) and for each waste generating activity listed in Section 8(1).
2. The population served by a collection scheme for mixed household and similar waste.

SECTION 4

Reporting unit

1. The reporting unit to be used for all waste categories is 1 tonne of (normal) wet waste except for the waste categories "industrial effluent sludges," "common sludges", "sludges and liquid waste from waste treatment" and "dredging spoils" where the reporting unit is 1 tonne of dry matter.
2. The reporting unit for characteristic referred to in Section 3(2) is the percentage of the population served.

SECTION 5

First reference year and periodicity

1. The first reference year is the second calendar year following the entry into force of this Regulation.
2. The first reference year for waste statistics based on this revision is 2010.
3. Member States shall furnish data for every second year after the first reference year.

SECTION 6

Transmission of results to Eurostat

The results shall be transmitted within 18 months of the end of the reference year.

SECTION 7

Report on the coverage and quality of statistics

1. For each item listed in Section 8 (activities and households), Member States shall indicate the percentage to which the compiled statistics represent the universe of waste of the respective item. The minimum requirement for the coverage shall be defined by the Commission. These measures, designed to amend non-essential elements of this Regulation, by supplementing it, shall be adopted in accordance with the regulatory procedure with scrutiny referred to in Article 7(3).
2. Member States shall submit a quality report, indicating the degree of precision for the collected data. A description shall be given on the estimations, aggregations or exclusions, and the way these procedures affect the distribution of waste categories, listed in Section 2(1) by economic activities and households, as referred to in Section 8.
3. The Commission shall include the coverage and quality reports in the report provided for in Article 8 of this Regulation.

SECTION 8

Production of results

1. The results for the characteristics listed in Section 3(1) are to be compiled for:
 - 1.1. the following items, as described in terms of NACE Rev. 2:

Item No		Description
1	Section A	Agriculture, forestry and fishing
2	Section B	Mining and quarrying
3	Division 10	Manufacture of food products
	Division 11	Manufacture of beverages
	Division 12	Manufacture of tobacco products
4	Division 13	Manufacture of textiles
	Division 14	Manufacture of wearing apparel
	Division 15	Manufacture of leather and related products
5	Division 16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
6	Division 17	Manufacture of paper and paper products
	Division 18	Printing and reproduction of recorded media
7	Division 19	Manufacture of coke and refined petroleum products
8	Division 20	Manufacture of chemicals and chemical products
	Division 21	Manufacture of basic pharmaceutical products and pharmaceutical preparations
	Division 22	Manufacture of rubber and plastic products
9	Division 23	Manufacture of other non-metallic mineral products
10	Division 24	Manufacture of basic metals
	Division 25	Manufacture of fabricated metal products, except machinery and equipment

Item No		Description
11	Division 26	Manufacture of computer, electronic and optical products
	Division 27	Manufacture of electrical equipment
	Division 28	Manufacture of machinery and equipment n.e.c.
	Division 29	Manufacture of motor vehicles, trailers and semi-trailers
	Division 30	Manufacture of other transport equipment
12	Division 31	Manufacture of furniture
	Division 32	Other manufacturing
	Division 33	Repair and installation of machinery and equipment
13	Section D	Electricity, gas, steam and air conditioning supply
14	Division 36	Water collection, treatment and supply
	Division 37	Sewerage
	Division 39	Remediation activities and other waste management services
15	Division 38	Waste collection, treatment and disposal activities; materials recovery
16	Section F	Construction
17		Service activities:
	Section G, except class 46.77	Wholesale and retail trade; repair of motor vehicles and motorcycles
	Section H	Transportation and storage
	Section I	Accommodation and food service activities
	Section J	Information and communication
	Section K	Financial and insurance activities
	Section L	Real estate activities
	Section M	Professional, scientific and technical activities
	Section N	Administrative and support service activities
	Section O	Public administration and defence; compulsory social security
	Section P	Education
	Section Q	Human health and social work activities
	Section R	Arts, entertainment and recreation
	Section S	Other service activities
Section T	Activities of households as employers; undifferentiated goods- and services producing activities of households for own use	
Section U	Activities of extraterritorial organisations and bodies	
18	Class 46.77	Wholesale of waste and scrap

1.2. households

Item No	Description
19	Waste generated by households

2. For economic activities, statistical units are local units or kind-of-activity units, as defined in Council Regulation (EEC) No 696/93 ⁽¹⁾, according to each Member State's statistical system.

In the quality report, to be produced under Section 7, a description of how the chosen statistical unit affects the groupings of NACE Rev. 2 data distribution should be included.

⁽¹⁾ OJ L 76, 30.3.1993, p. 2.

ANNEX II

RECOVERY AND DISPOSAL OF WASTE

SECTION 1

Coverage

- The statistics are to be compiled for all recovery and disposal facilities which run any of the operations referred to in Section 8(2) and which belong to or are part of the economic activities according to the groupings of NACE Rev. 2, mentioned in Annex I, Section 8(1.1).
- Facilities whose waste treatment activities are limited to the recycling of waste on the site where the waste was generated, are not covered by this Annex.

SECTION 2

Waste categories

The list of waste categories for which the statistics are to be compiled, according to the recovery or disposal operations as referred to in Section 8(2), are the categories mentioned in Annex I, Section 2(1).

SECTION 3

Characteristics

Statistics shall be compiled on the following characteristics and breakdowns:

Item	Description	Regional level
1	The quantities of waste treated for each waste category listed in Section 2 and for each item of the recovery and disposal operations listed in Section 8(2), excluding recycling of waste on the site where the waste was generated.	National
2	The number and capacity of facilities for item 4 of Section 8(2), with a breakdown for: a) hazardous waste, b) non-hazardous waste and c) inert waste.	National
3	The number of facilities for item 4 of Section 8(2) closed (no more depositing) since the last reference year, with a breakdown for: a) hazardous waste, b) non-hazardous waste and c) inert waste.	National

Item	Description	Regional level
4	The number of facilities for the recovery and disposal operations listed in Section 8(2), excluding item 5.	NUTS 2
5	The capacity of facilities for the recovery and disposal operations listed in Section 8(2), excluding items 3 and 5.	NUTS 2

SECTION 4

Reporting unit

The reporting unit to be used for all waste categories is 1 tonne of (normal) wet waste except for the waste categories 'industrial effluent sludges', 'common sludges', 'sludges and liquid waste from waste treatment' and 'dredging spoils' where the reporting unit is 1 tonne of dry matter.

SECTION 5

First reference year and periodicity

1. The first reference year is the second calendar year following the entry into force of this Regulation.
2. The first reference year for waste statistics based on this revision is 2010.
3. Member States shall furnish data for every second year, after the first reference year, for the facilities which are referred to in Section 8(2).

SECTION 6

Transmission of results to Eurostat

The results shall be transmitted within 18 months of the end of the reference year.

SECTION 7

Report on the coverage and quality of statistics

1. For the characteristics listed in Section 3, and for each item amongst the types of operations listed in Section 8(2), Member States shall indicate the percentage to which the compiled statistics represent the universe of waste of the respective item. The minimum requirement for the coverage shall be defined by the Commission. Those measures, designed to amend nonessential elements of this Regulation, by supplementing it, shall be adopted in accordance with the regulatory procedure with scrutiny referred to in Article 7(3).
2. For the characteristics listed in Section 3 Member States shall submit a quality report, indicating the degree of precision of the collected data.
3. The Commission shall include the coverage and quality reports in the report provided for in Article 8 of this Regulation.

SECTION 8

Waste recovery and disposal operations

1. The results are to be compiled for each item amongst the types of operations listed in Section 8(2), according to the characteristics referred to in Section 3.
2. List of Recovery and Disposal Operations; the codes refer to the codes in Annexes I and II to Directive 2008/98/EC ⁽¹⁾:

Item No		Types of recovery and disposal operations
Incineration		
1	R1	Use principally as a fuel or other means to generate energy
2	D10	Incineration on land

⁽¹⁾ OJ L 312, 22.11.2008, p. 3.

Item No	Types of recovery and disposal operations	
Recovery operations (excluding energy recovery)		
3a	R2 +	Solvent reclamation/regeneration
	R3 +	Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)
	R4 +	Recycling/reclamation of metals and metal compounds
	R5 +	Recycling/reclamation of other inorganic materials
	R6 +	Regeneration of acids or bases
	R7 +	Recovery of components used for pollution abatement
	R8 +	Recovery of components from catalysts
	R9 +	Oil refining or other reuses of oil
	R10 +	Land treatment resulting in benefit to agriculture or ecological improvement
	R11	Use of wastes obtained from any of the operations numbered R1 to R10
3b		Backfilling
Disposal operations		
4	D1 +	Deposit into or onto land (e.g. landfill etc.)
	D5 +	Special engineered landfill (e.g. placement into lined discrete cells which are capped and isolated from one another and the environment etc.)
	D12	Permanent storage (e.g. emplacement of containers in a mine etc.)
5	D2 +	Land treatment (e.g. biodegradation of liquid or sludgy discards in soils etc.)
	D3 +	Deep injection (e.g. injection of pumpable discards into wells, salt domes or naturally occurring repositories etc.)
	D4 +	Surface impoundment (e.g. placement of liquid or sludge discards into pits, ponds or lagoons etc.)
	D6 +	Release into a water body except seas/oceans
	D7	Release into seas/oceans including sea-bed insertion

ANNEX III

TABLE OF EQUIVALENCE

as referred to in Article 1(5) of Regulation (EC) No 2150/2002, between EWC-Stat Rev 4 (substance oriented waste statistical nomenclature) and the European list of waste (LoW) established by Commission Decision 2000/532/EC ⁽¹⁾

01 Chemical compound wastes

01.1 Spent solvents

01.11 Halogenated spent solvents

1 Hazardous

07 01 03*	organic halogenated solvents, washing liquids and mother liquors
07 02 03*	organic halogenated solvents, washing liquids and mother liquors
07 03 03*	organic halogenated solvents, washing liquids and mother liquors
07 04 03*	organic halogenated solvents, washing liquids and mother liquors
07 05 03*	organic halogenated solvents, washing liquids and mother liquors
07 06 03*	organic halogenated solvents, washing liquids and mother liquors
07 07 03*	organic halogenated solvents, washing liquids and mother liquors
14 06 01*	chlorofluorocarbons, HCFC, HFC
14 06 02*	other halogenated solvents and solvent mixtures
14 06 04*	sludges or solid wastes containing halogenated solvents

01.12 Non-halogenated spent solvents

1 Hazardous

07 01 04*	other organic solvents, washing liquids and mother liquors
07 02 04*	other organic solvents, washing liquids and mother liquors
07 03 04*	other organic solvents, washing liquids and mother liquors
07 04 04*	other organic solvents, washing liquids and mother liquors
07 05 04*	other organic solvents, washing liquids and mother liquors
07 06 04*	other organic solvents, washing liquids and mother liquors
07 07 04*	other organic solvents, washing liquids and mother liquors
14 06 03*	other solvents and solvent mixtures
14 06 05*	sludges or solid wastes containing other solvents
20 01 13*	solvents

01.2 Acid, alkaline or saline wastes

01.21 Acid wastes

1 Hazardous

06 01 01*	sulphuric acid and sulphurous acid
06 01 02*	hydrochloric acid
06 01 03*	hydrofluoric acid
06 01 04*	phosphoric and phosphorous acid

⁽¹⁾ OJ L 226, 6.9.2000, p. 3.

06 01 05*	nitric acid and nitrous acid
06 01 06*	other acids
06 07 04*	solutions and acids, e.g. contact acid
08 03 16*	waste etching solutions
09 01 04*	fixer solutions
09 01 05*	bleach solutions and bleach fixer solutions
10 01 09*	sulphuric acid
11 01 05*	pickling acids
11 01 06*	acids not otherwise specified
16 06 06*	separately collected electrolyte from batteries and accumulators
20 01 14*	acids

01.22 Alkaline wastes

0 Non-hazardous

03 03 09	lime mud waste
11 01 14	degreasing wastes other than those mentioned in 11 01 13

1 Hazardous

05 01 11*	wastes from cleaning of fuels with bases
06 02 01*	calcium hydroxide
06 02 03*	ammonium hydroxide
06 02 04*	sodium and potassium hydroxide
06 02 05*	other bases
09 01 01*	water-based developer and activator solutions
09 01 02*	water-based offset plate developer solutions
09 01 03*	solvent-based developer solutions
11 01 07*	pickling bases
11 01 13*	degreasing wastes containing dangerous substances
11 03 01*	wastes containing cyanide
19 11 04*	wastes from cleaning of fuel with bases
20 01 15*	alkalines

01.24 Other saline wastes

0 Non-hazardous

05 01 16	sulphur-containing wastes from petroleum desulphurisation
05 07 02	wastes containing sulphur
06 03 14	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
06 03 16	metallic oxides other than those mentioned in 06 03 15
06 06 03	wastes containing sulphides other than those mentioned in 06 06 02
11 02 06	wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05

1 Hazardous

- 06 03 11* solid salts and solutions containing cyanides
- 06 03 13* solid salts and solutions containing heavy metals
- 06 03 15* metallic oxides containing heavy metals
- 06 04 03* wastes containing arsenic
- 06 04 04* wastes containing mercury
- 06 04 05* wastes containing other heavy metals
- 06 06 02* wastes containing dangerous sulphides
- 10 03 08* salt slags from secondary production
- 10 04 03* calcium arsenate
- 11 01 08* phosphatising sludges
- 11 02 05* wastes from copper hydrometallurgical processes containing dangerous substances
- 11 03 02* other wastes
- 11 05 04* spent flux
- 16 09 01* permanganates, e.g. potassium permanganate
- 16 09 02* chromates, e.g. potassium chromate, potassium or sodium dichromate

01.3 Used oils

01.31 Used motor oils

1 Hazardous

- 13 02 04* mineral-based chlorinated engine, gear and lubricating oils
- 13 02 05* mineral-based non-chlorinated engine, gear and lubricating oils
- 13 02 06* synthetic engine, gear and lubricating oils
- 13 02 07* readily biodegradable engine, gear and lubricating oils
- 13 02 08* other engine, gear and lubricating oils

01.32 Other used oils

1 Hazardous

- 05 01 02* desalter sludges
- 05 01 03* tank bottom sludges
- 05 01 04* acid alkyl sludges
- 05 01 12* oil containing acids
- 08 03 19* disperse oil
- 08 04 17* rosin oil
- 12 01 06* mineral-based machining oils containing halogens (except emulsions and solutions)
- 12 01 07* mineral-based machining oils free of halogens (except emulsions and solutions)
- 12 01 08* machining emulsions and solutions containing halogens
- 12 01 09* machining emulsions and solutions free of halogens
- 12 01 10* synthetic machining oils
- 12 01 12* spent waxes and fats

- 12 01 18* metal sludge (grinding, honing and lapping sludge) containing oil
- 12 01 19* readily biodegradable machining oil
- 13 01 04* chlorinated emulsions
- 13 01 05* non-chlorinated emulsions
- 13 01 09* mineral-based chlorinated hydraulic oils
- 13 01 10* mineral based non-chlorinated hydraulic oils
- 13 01 11* synthetic hydraulic oils
- 13 01 12* readily biodegradable hydraulic oils
- 13 01 13* other hydraulic oils
- 13 03 06* mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
- 13 03 07* mineral-based non-chlorinated insulating and heat transmission oils
- 13 03 08* synthetic insulating and heat transmission oils
- 13 03 09* readily biodegradable insulating and heat transmission oils
- 13 03 10* other insulating and heat transmission oils
- 13 05 06* oil from oil/water separators
- 20 01 26* oil and fat other than those mentioned in 20 01 25

01.4 Spent chemical catalysts

01.41 Spent chemical catalysts

0 Non-hazardous

- 16 08 01 spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
- 16 08 03 spent catalysts containing transition metals or transition metal compounds not otherwise specified
- 16 08 04 spent fluid catalytic cracking catalysts (except 16 08 07)

1 Hazardous

- 16 08 02* Spent catalysts containing dangerous transition metals or dangerous transition metal compounds
- 16 08 05* spent catalysts containing phosphoric acid
- 16 08 06* spent liquids used as catalysts
- 16 08 07* spent catalysts contaminated with dangerous substances

02 Chemical preparation wastes

02.1 Off-specification chemical wastes

02.11 Agrochemical product wastes

0 Non-hazardous

- 02 01 09 agrochemical waste other than those mentioned in 02 01 08

1 Hazardous

- 02 01 08* agrochemical waste containing dangerous substances
- 06 13 01* inorganic plant protection products, wood-preserving agents and other biocides.
- 20 01 19* pesticides

02.12 Unused medicines

0 Non-hazardous

- 07 05 14 solid wastes other than those mentioned in 07 05 13
- 18 01 09 medicines other than those mentioned in 18 01 08
- 18 02 08 medicines other than those mentioned in 18 02 07
- 20 01 32 medicines other than those mentioned in 20 01 31

1 Hazardous

- 07 05 13* solid wastes containing dangerous substances
- 18 01 08* cytotoxic and cytostatic medicines
- 18 02 07* cytotoxic and cytostatic medicines
- 20 01 31* cytotoxic and cytostatic medicines

02.13 Paints, varnish, inks and adhesive wastes

0 Non-hazardous

- 04 02 17 dyestuffs and pigments other than those mentioned in 04 02 16
- 08 01 12 waste paint and varnish other than those mentioned in 08 01 11
- 08 01 14 sludges from paint or varnish other than those mentioned in 08 01 13
- 08 01 16 aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
- 08 01 18 wastes from paint or varnish removal other than those mentioned in 08 01 17
- 08 01 20 aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
- 08 02 01 waste coating powders
- 08 03 07 aqueous sludges containing ink
- 08 03 08 aqueous liquid waste containing ink
- 08 03 13 waste ink other than those mentioned in 08 03 12
- 08 03 15 ink sludges other than those mentioned in 08 03 14
- 08 03 18 waste printing toner other than those mentioned in 08 03 17
- 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09
- 08 04 12 adhesive and sealant sludges other than those mentioned in 08 04 11
- 08 04 14 aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
- 08 04 16 aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
- 20 01 28 paint, inks, adhesives and resins other than those mentioned in 20 01 27

1 Hazardous

- 04 02 16* dyestuffs and pigments containing dangerous substances
- 08 01 11* waste paint and varnish containing organic solvents or other dangerous substances
- 08 01 13* sludges from paint or varnish containing organic solvents or other dangerous substances
- 08 01 15* aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances

- 08 01 17* wastes from paint or varnish removal containing organic solvents or other dangerous substances
- 08 01 19* aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances
- 08 03 12* waste ink containing dangerous substances
- 08 03 14* ink sludges containing dangerous substances
- 08 03 17* waste printing toner containing dangerous substances
- 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
- 08 04 11* adhesive and sealant sludges containing organic solvents or other dangerous substances
- 08 04 13* aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances
- 08 04 15* aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
- 20 01 27* paint, inks, adhesives and resins containing dangerous substances

02.14 Other chemical preparation wastes

0 Non-hazardous

- 02 07 03 wastes from chemical treatment
- 03 02 99 wood preservatives not otherwise specified
- 04 01 09 wastes from dressing and finishing
- 04 02 15 wastes from finishing other than those mentioned in 04 02 14
- 07 02 15 wastes from additives other than those mentioned in 07 02 14
- 07 02 17 waste containing silicones other than those mentioned in 07 02 16
- 10 09 16 waste crack-indicating agent other than those mentioned in 10 09 15
- 10 10 14 waste binders other than those mentioned in 10 10 13
- 10 10 16 waste crack-indicating agent other than those mentioned in 10 10 15
- 16 01 15 antifreeze fluids other than those mentioned in 16 01 14
- 16 05 05 gases in pressure containers other than those mentioned in 16 05 04
- 18 01 07 chemicals other than those mentioned in 18 01 06
- 18 02 06 chemicals other than those mentioned in 18 02 05
- 20 01 30 detergents other than those mentioned in 20 01 29

1 Hazardous

- 03 02 01* non-halogenated organic wood preservatives
- 03 02 02* organochlorinated wood preservatives
- 03 02 03* organometallic wood preservatives
- 03 02 04* inorganic wood preservatives
- 03 02 05* other wood preservatives containing dangerous substances
- 04 02 14* wastes from finishing containing organic solvents
- 05 07 01* wastes containing mercury
- 06 08 02* wastes containing dangerous chlorosilanes
- 06 10 02* wastes containing dangerous substances

07 02 14*	wastes from additives containing dangerous substances
07 02 16*	wastes containing dangerous silicones
07 04 13*	solid wastes containing dangerous substances
08 01 21*	waste paint or varnish remover
08 05 01*	waste isocyanates
10 09 13*	waste binders containing dangerous substances
10 09 15*	waste crack-indicating agent containing dangerous substances
10 10 13*	waste binders containing dangerous substances
10 10 15*	waste crack-indicating agent containing dangerous substances
11 01 16*	saturated or spent ion exchange resins
11 01 98*	other wastes containing dangerous substances
16 01 13*	brake fluids
16 01 14*	antifreeze fluids containing dangerous substances
16 05 04*	gases in pressure containers (including halons) containing dangerous substances
16 09 03*	peroxides, e.g. hydrogen peroxide
16 09 04*	oxidising substances, not otherwise specified
18 01 06*	chemicals consisting of or containing dangerous substances
18 02 05*	chemicals consisting of or containing dangerous substances
20 01 17*	photochemicals
20 01 29*	detergents containing dangerous substances

02.2 Unused explosives

02.21 Waste explosives and pyrotechnical products

1 Hazardous

16 04 02*	fireworks wastes
16 04 03*	other waste explosives

02.22 Waste ammunition

1 Hazardous

16 04 01*	waste ammunition
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02.3 Mixed chemical wastes

02.31 Minor mixed chemical wastes

0 Non-hazardous

16 05 09	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
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1 Hazardous

16 05 06*	laboratory chemicals consisting of or containing dangerous substances including mixtures of laboratory chemicals
16 05 07*	discarded inorganic chemicals consisting of or containing dangerous substances
16 05 08*	discarded organic chemicals consisting of or containing dangerous substances

02.33 Packaging polluted by hazardous substances

- 1 Hazardous
 - 15 01 10* packaging containing residues of or contaminated by dangerous substances
- 03 Other chemical wastes
 - 03.1 Chemical deposits and residues
 - 03.11 Tars and carbonaceous wastes
 - 0 Non-hazardous
 - 05 01 17 bitumen
 - 06 13 03 carbon black
 - 10 01 25 wastes from fuel storage and preparation of coal-fired power plants
 - 10 03 02 anode scraps
 - 10 03 18 carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
 - 10 08 13 carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
 - 10 08 14 anode scrap
 - 11 02 03 wastes from the production of anodes for aqueous electrolytical processes
 - 20 01 41 wastes from chimney sweeping
 - 1 Hazardous
 - 05 01 07* acid tars
 - 05 01 08* other tars
 - 05 06 01* acid tars
 - 05 06 03* other tars
 - 06 13 05* soot
 - 10 03 17* tar-containing wastes from anode manufacture
 - 10 08 12* tar-containing wastes from anode manufacture
 - 19 11 02* acid tars
 - 03.12 Oils/water emulsions sludges
 - 1 Hazardous
 - 05 01 06* oily sludges from maintenance operations of the plant or equipment
 - 13 04 01* bilge oils from inland navigation
 - 13 04 02* bilge oils from jetty sewers
 - 13 04 03* bilge oils from other navigation
 - 13 05 01* solids from grit chambers and oil/water separators
 - 13 05 02* sludges from oil/water separators
 - 13 05 03* interceptor sludges
 - 13 05 07* oily water from oil/water separators
 - 13 05 08* mixtures of wastes from grit chambers and oil/water separators
 - 13 07 01* fuel oil and diesel
 - 13 07 02* petrol
 - 13 07 03* other fuels (including mixtures)

- 13 08 01* desalter sludges or emulsions
- 13 08 02* other emulsions
- 13 08 99* wastes not otherwise specified
- 16 07 09* wastes containing other dangerous substances
- 19 02 07* oil and concentrates from separation

03.13 Chemical reaction residues

0 Non-hazardous

- 03 03 02 green liquor sludge (from recovery of cooking liquor)
- 04 01 04 tanning liquor containing chromium
- 04 01 05 tanning liquor free of chromium
- 11 01 12 aqueous rinsing liquids other than those mentioned in 11 01 11

1 Hazardous

- 04 01 03* degreasing wastes containing solvents without a liquid phase
- 06 07 03* barium sulphate sludge containing mercury
- 07 01 01* aqueous washing liquids and mother liquors
- 07 01 07* halogenated still bottoms and reaction residues
- 07 01 08* other still bottoms and reaction residues
- 07 02 01* aqueous washing liquids and mother liquors
- 07 02 07* halogenated still bottoms and reaction residues
- 07 02 08* other still bottoms and reaction residues
- 07 03 01* aqueous washing liquids and mother liquors
- 07 03 07* halogenated still bottoms and reaction residues
- 07 03 08* other still bottoms and reaction residues
- 07 04 01* aqueous washing liquids and mother liquors
- 07 04 07* halogenated still bottoms and reaction residues
- 07 04 08* other still bottoms and reaction residues
- 07 05 01* aqueous washing liquids and mother liquors
- 07 05 07* halogenated still bottoms and reaction residues
- 07 05 08* other still bottoms and reaction residues
- 07 06 01* aqueous washing liquids and mother liquors
- 07 06 07* halogenated still bottoms and reaction residues
- 07 06 08* other still bottoms and reaction residues
- 07 07 01* aqueous washing liquids and mother liquors
- 07 07 07* halogenated still bottoms and reaction residues
- 07 07 08* other still bottoms and reaction residues
- 09 01 13* aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06
- 11 01 11* aqueous rinsing liquids containing dangerous substances

03.14 Spent filtration and absorbent materials

0 Non-hazardous

- 15 02 03 absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
- 19 09 03 sludges from decarbonation
- 19 09 04 spent activated carbon
- 19 09 05 saturated or spent ion exchange resins
- 19 09 06 solutions and sludges from regeneration of ion exchangers

1 Hazardous

- 05 01 15* spent filter clays
- 06 07 02* activated carbon from chlorine production
- 06 13 02* spent activated carbon (except 06 07 02)
- 07 01 09* halogenated filter cakes and spent absorbents
- 07 01 10* other filter cakes and spent absorbents
- 07 02 09* halogenated filter cakes and spent absorbents
- 07 02 10* other filter cakes and spent absorbents
- 07 03 09* halogenated filter cakes and spent absorbents
- 07 03 10* other filter cakes and spent absorbents
- 07 04 09* halogenated filter cakes and spent absorbents
- 07 04 10* other filter cakes and spent absorbents
- 07 05 09* halogenated filter cakes and spent absorbents
- 07 05 10* other filter cakes and spent absorbents
- 07 06 09* halogenated filter cakes and spent absorbents
- 07 06 10* other filter cakes and spent absorbents
- 07 07 09* halogenated filter cakes and spent absorbents
- 07 07 10* other filter cakes and spent absorbents
- 11 01 15* eluate and sludges from membrane systems or ion exchange systems containing dangerous substances
- 15 02 02* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
- 19 01 10* spent activated carbon from flue-gas treatment
- 19 08 06* saturated or spent ion exchange resins
- 19 08 07* solutions and sludges from regeneration of ion exchangers
- 19 08 08* membrane system waste containing heavy metals
- 19 11 01* spent filter clays

03.2 Industrial effluent sludges

03.21 Sludges from industrial processes and effluent treatment

0 Non-hazardous

- 03 03 05 de-inking sludges from paper recycling
- 03 03 10 fibre rejects, fibre-, filler- and coating sludges from mechanical separation

04 01 06	sludges, in particular from on-site effluent treatment containing chromium
04 01 07	sludges, in particular from on-site effluent treatment free of chromium
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09
05 01 14	wastes from cooling columns
05 06 04	waste from cooling columns
06 05 03	sludges from on-site effluent treatment other than those mentioned in 06 05 02
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11
07 04 12	sludges from on-site effluent treatment other than those mentioned in 07 04 11
07 05 12	sludges from on-site effluent treatment other than those mentioned in 07 05 11
07 06 12	sludges from on-site effluent treatment other than those mentioned in 07 06 11
07 07 12	sludges from on-site effluent treatment other than those mentioned in 07 07 11
10 01 21	sludges from on-site effluent treatment other than those mentioned in 10 01 20
10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 01 26	wastes from cooling-water treatment
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11
10 02 15	other sludges and filter cakes
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 11 20	solid wastes from on-site effluent treatment other than those mentioned in 10 11 19
10 12 13	sludge from on-site effluent treatment
11 01 10	sludges and filter cakes other than those mentioned in 11 01 09
12 01 15	machining sludges other than those mentioned in 12 01 14
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01
16 10 04	aqueous concentrates other than those mentioned in 16 10 03
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07

1 Hazardous

- 04 02 19* sludges from on-site effluent treatment containing dangerous substances
- 05 01 09* sludges from on-site effluent treatment containing dangerous substances
- 06 05 02* sludges from on-site effluent treatment containing dangerous substances
- 07 01 11* sludges from on-site effluent treatment containing dangerous substances
- 07 02 11* sludges from on-site effluent treatment containing dangerous substances
- 07 03 11* sludges from on-site effluent treatment containing dangerous substances
- 07 04 11* sludges from on-site effluent treatment containing dangerous substances
- 07 05 11* sludges from on-site effluent treatment containing dangerous substances
- 07 06 11* sludges from on-site effluent treatment containing dangerous substances
- 07 07 11* sludges from on-site effluent treatment containing dangerous substances
- 10 01 20* sludges from on-site effluent treatment containing dangerous substances
- 10 01 22* aqueous sludges from boiler cleansing containing dangerous substances
- 10 11 19* solid wastes from on-site effluent treatment containing dangerous substances
- 11 01 09* sludges and filter cakes containing dangerous substances
- 11 02 07* other wastes containing dangerous substances
- 12 01 14* machining sludges containing dangerous substances
- 16 10 01* aqueous liquid wastes containing dangerous substances
- 16 10 03* aqueous concentrates containing dangerous substances
- 19 08 11* sludges containing dangerous substances from biological treatment of industrial waste water
- 19 08 13* sludges containing dangerous substances from other treatment of industrial waste water
- 19 13 03* sludges from soil remediation containing dangerous substances
- 19 13 05* sludges from groundwater remediation containing dangerous substances
- 19 13 07* aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances

03.22 Sludges containing hydrocarbons

1 Hazardous

- 01 05 05* oil-containing drilling muds and wastes
- 10 02 11* wastes from cooling-water treatment containing oil
- 10 03 27* wastes from cooling-water treatment containing oil
- 10 04 09* wastes from cooling-water treatment containing oil
- 10 05 08* wastes from cooling-water treatment containing oil
- 10 06 09* wastes from cooling-water treatment containing oil
- 10 07 07* wastes from cooling-water treatment containing oil
- 10 08 19* wastes from cooling-water treatment containing oil
- 12 03 01* aqueous washing liquids

- 12 03 02* steam degreasing wastes
- 16 07 08* wastes containing oil
- 19 08 10* grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
- 19 11 03* aqueous liquid wastes

03.3 Sludges and liquid wastes from waste treatment

03.31 Sludges and liquid wastes from waste treatment

0 Non-hazardous

- 19 02 06 sludges from physico/chemical treatment other than those mentioned in 19 02 05
- 19 04 04 aqueous liquid wastes from vitrified waste tempering
- 19 06 03 liquor from anaerobic treatment of municipal waste
- 19 06 04 digestate from anaerobic treatment of municipal waste
- 19 06 05 liquor from anaerobic treatment of animal and vegetable waste
- 19 06 06 digestate from anaerobic treatment of animal and vegetable waste
- 19 07 03 landfill leachate other than those mentioned in 19 07 02
- 19 11 06 sludges from on-site effluent treatment other than those mentioned in 19 11 05

1 Hazardous

- 19 02 05* sludges from physico/chemical treatment containing dangerous substances
- 19 02 08* liquid combustible wastes containing dangerous substances
- 19 02 11* other wastes containing dangerous substances
- 19 07 02* landfill leachate containing dangerous substances
- 19 11 05* sludges from on-site effluent treatment containing dangerous substances

05 Health care and biological wastes

05.1 Infectious health care wastes

05.11 Human infectious health care wastes

1 Hazardous

- 18 01 03* wastes whose collection and disposal is subject to special requirements in order to prevent infection

05.12 Animal infectious health care wastes

1 Hazardous

- 18 02 02* wastes whose collection and disposal is subject to special requirements in order to prevent infection

05.2 Non-infectious health care wastes

05.21 Non-infectious human health care wastes

0 Non-hazardous

- 18 01 01 sharps (except 18 01 03)
- 18 01 02 body parts and organs including blood bags and blood preserves (except 18 01 03)
- 18 01 04 wastes whose collection and disposal is not subject to special requirements in order to prevent infection (e.g. dressings, plaster casts, linen, disposable clothing, diapers)

05.22 Non-infectious animal health care wastes

0 Non-hazardous

- 18 02 01 sharps (except 18 02 02)
- 18 02 03 wastes whose collection and disposal is not subject to special requirements in order to prevent infection

06 Metallic wastes

06.1 Metal wastes, ferrous

06.11 Ferrous metal waste and scrap

0 Non-hazardous

- 10 02 10 mill scales
- 10 12 06 discarded molds
- 12 01 01 ferrous metal filings and turnings
- 12 01 02 ferrous metal dust and particles
- 16 01 17 ferrous metal
- 17 04 05 iron and steel
- 19 01 02 ferrous materials removed from bottom ash
- 19 10 01 iron and steel waste
- 19 12 02 ferrous metal

06.2 Metal wastes, non-ferrous

06.23 Other waste aluminium

0 Non-hazardous

- 17 04 02 aluminium

06.24 Copper waste

0 Non-hazardous

- 17 04 01 copper, bronze, brass

06.25 Lead waste

0 Non-hazardous

- 17 04 03 lead

06.26 Other metal wastes

0 Non-hazardous

- 11 05 01 hard zinc
- 12 01 03 non-ferrous metal filings and turnings
- 12 01 04 non-ferrous metal dust and particles
- 16 01 18 non-ferrous metal
- 17 04 04 zinc
- 17 04 06 tin
- 17 04 11 cables other than those mentioned in 17 04 10
- 19 10 02 non-ferrous waste
- 19 12 03 non-ferrous metal

06.3 Metal wastes, mixed ferrous and non-ferrous

06.31 Mixed metallic packaging

0 Non-hazardous

15 01 04 metallic packaging

06.32 Other mixed metallic wastes

0 Non-hazardous

02 01 10 waste metal

17 04 07 mixed metals

20 01 40 metals

07 Non-metallic wastes

07.1 Glass wastes

07.11 Glass packaging

0 Non-hazardous

15 01 07 glass packaging

07.12 Other glass wastes

0 Non-hazardous

10 11 12 waste glass other than those mentioned in 10 11 11

16 01 20 glass

17 02 02 glass

19 12 05 glass

20 01 02 glass

1 Hazardous

10 11 11* waste glass in small particles and glass powder containing heavy metals (e.g. from cathode ray tubes)

07.2 Paper and cardboard wastes

07.21 Waste paper and cardboard packaging

0 Non-hazardous

15 01 01 paper and cardboard packaging

07.23 Other paper and cardboard wastes

0 Non-hazardous

19 12 01 paper and cardboard

20 01 01 paper and cardboard

07.3 Rubber wastes

07.31 Used tyres

0 Non-hazardous

16 01 03 end-of-life tyres

07.4 Plastic wastes

07.41 Plastic packaging wastes

0 Non-hazardous

15 01 02 plastic packaging

07.42 Other plastic wastes

0 Non-hazardous

- 02 01 04 waste plastics (except packaging)
- 07 02 13 waste plastic
- 12 01 05 plastics shavings and turnings
- 16 01 19 plastic
- 17 02 03 plastic
- 19 12 04 plastic and rubber
- 20 01 39 plastics

07.5 Wood wastes

07.51 Wood packaging

0 Non-hazardous

- 15 01 03 wooden packaging

07.52 Sawdust and shavings

0 Non-hazardous

- 03 01 05 sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04

1 Hazardous

- 03 01 04* sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances

07.53 Other wood wastes

0 Non-hazardous

- 03 01 01 waste bark and cork
- 03 03 01 waste bark and wood
- 17 02 01 wood
- 19 12 07 wood other than that mentioned in 19 12 06
- 20 01 38 wood other than that mentioned in 20 01 37

1 Hazardous

- 19 12 06* wood containing dangerous substances
- 20 01 37* wood containing dangerous substances

07.6 Textile wastes

07.61 Worn clothing

0 Non-hazardous

- 20 01 10 clothes

07.62 Miscellaneous textiles wastes

0 Non-hazardous

- 04 02 09 wastes from composite materials (impregnated textile, elastomer, plastomer)
- 04 02 10 organic matter from natural products (e.g. grease, wax)
- 04 02 21 wastes from unprocessed textile fibres

- 04 02 22 wastes from processed textile fibres
- 15 01 09 textile packaging
- 19 12 08 textiles
- 20 01 11 textiles
- 07.63 Leather wastes
 - 0 Non-hazardous
 - 04 01 01 fleshings and lime split wastes
 - 04 01 02 liming waste
 - 04 01 08 waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
- 07.7 Waste containing PCB
 - 07.71 Oils containing PCBs
 - 1 Hazardous
 - 13 01 01* hydraulic oils, containing PCB
 - 13 03 01* insulating or heat transmission oils containing PCBs
 - 07.72 Equipment containing or contaminated by PCBs
 - 1 Hazardous
 - 16 01 09* components containing PCBs
 - 16 02 09* transformers and capacitors containing PCBs
 - 16 02 10* discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
 - 07.73 Construction and demolition waste containing PCBs
 - 1 Hazardous
 - 17 09 02* construction and demolition wastes containing PCB (e.g. PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)
- 08 Discarded equipment
 - 08.1 Discarded vehicles
 - 08.12 Other discarded vehicles
 - 0 Non-hazardous
 - 16 01 06 end-of-life vehicles, containing neither liquids nor other hazardous components
 - 1 Hazardous
 - 16 01 04* end-of-life vehicles
 - 08.2 Discarded electrical and electronic equipment
 - 08.21 Discarded major household equipment
 - 1 Hazardous
 - 16 02 11* discarded equipment containing chlorofluorocarbons, HCFC, HFC
 - 20 01 23* discarded equipment containing chlorofluorocarbons
 - 08.23 Other discarded electrical and electronic equipment
 - 0 Non-hazardous
 - 09 01 10 single-use cameras without batteries

- 09 01 12 single-use cameras containing batteries other than those mentioned in 09 01 11
- 16 02 14 discarded equipment other than those mentioned in 16 02 09 to 16 02 13
- 20 01 36 discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35

1 Hazardous

- 09 01 11* single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03
- 16 02 13* discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
- 20 01 35* discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components

08.4 Discarded machines and equipment components

08.41 Batteries and accumulators wastes

0 Non-hazardous

- 16 06 04 alkaline batteries (except 16 06 03)
- 16 06 05 other batteries and accumulators
- 20 01 34 batteries and accumulators other than those mentioned in 20 01 33

1 Hazardous

- 16 06 01* lead batteries
- 16 06 02* Ni-Cd batteries
- 16 06 03* mercury- containing batteries
- 20 01 33* batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries

08.43 Other discarded machines and equipment components

0 Non-hazardous

- 16 01 12 brake pads other than those mentioned in 16 01 11
- 16 01 16 tanks for liquefied gas
- 16 01 22 components not otherwise specified
- 16 02 16 components removed from discarded equipment other than those mentioned in 16 02 15

1 Hazardous

- 16 01 07* oil filters
- 16 01 08* components containing mercury
- 16 01 10* explosive components (e.g. air bags)
- 16 01 21* hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14
- 16 02 15* hazardous components removed from discarded equipment
- 20 01 21* fluorescent tubes and other mercury-containing waste

09 Animal and vegetal wastes

09.1 Animal and mixed food waste

09.11 Animal waste of food preparation and products

0 Non-hazardous

- 02 01 02 animal-tissue waste
- 02 02 01 sludges from washing and cleaning
- 02 02 02 animal-tissue waste
- 02 02 03 materials unsuitable for consumption or processing
- 02 05 01 materials unsuitable for consumption or processing

09.12 Mixed waste of food preparation and products

0 Non-hazardous

- 02 03 02 wastes from preserving agents
- 02 06 02 wastes from preserving agents
- 19 08 09 grease and oil mixture from oil/water separation containing only edible oil and fats
- 20 01 08 biodegradable kitchen and canteen waste
- 20 01 25 edible oil and fat

09.2 Vegetal wastes

09.21 Green wastes

0 Non-hazardous

- 02 01 07 wastes from forestry
- 20 02 01 biodegradable waste

09.22 Vegetal waste of food preparation and products

0 Non-hazardous

- 02 01 01 sludges from washing and cleaning
- 02 01 03 plant-tissue waste
- 02 03 01 sludges from washing, cleaning, peeling, centrifuging and separation
- 02 03 03 wastes from solvent extraction
- 02 03 04 materials unsuitable for consumption or processing
- 02 06 01 materials unsuitable for consumption or processing
- 02 07 01 wastes from washing, cleaning and mechanical reduction of raw materials
- 02 07 02 wastes from spirits distillation
- 02 07 04 materials unsuitable for consumption or processing

09.3 Slurry and manure

09.31 Slurry and manure

0 Non-hazardous

- 02 01 06 animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site

10 Mixed wastes

10.1 Household and similar wastes

10.11 Household wastes

0 Non-hazardous

- 20 03 01 mixed municipal waste

- 20 03 02 waste from markets
- 20 03 07 bulky waste
- 20 03 99 municipal wastes not otherwise specified
- 10.12 Street cleaning wastes
 - 0 Non-hazardous
 - 20 03 03 street-cleaning residues
- 10.2 Mixed and undifferentiated materials
 - 10.21 Mixed packaging
 - 0 Non-hazardous
 - 15 01 05 composite packaging
 - 15 01 06 mixed packaging
 - 10.22 Other mixed and undifferentiated materials
 - 0 Non-hazardous
 - 01 03 99 wastes not otherwise specified
 - 01 04 99 wastes not otherwise specified
 - 01 05 99 wastes not otherwise specified
 - 02 01 99 wastes not otherwise specified
 - 02 02 99 wastes not otherwise specified
 - 02 03 99 wastes not otherwise specified
 - 02 04 99 wastes not otherwise specified
 - 02 05 99 wastes not otherwise specified
 - 02 06 99 wastes not otherwise specified
 - 02 07 99 wastes not otherwise specified
 - 03 01 99 wastes not otherwise specified
 - 03 03 07 mechanically separated rejects from pulping of waste paper and cardboard
 - 03 03 08 wastes from sorting of paper and cardboard destined for recycling
 - 03 03 99 wastes not otherwise specified
 - 04 01 99 wastes not otherwise specified
 - 04 02 99 wastes not otherwise specified
 - 05 01 99 wastes not otherwise specified
 - 05 06 99 wastes not otherwise specified
 - 05 07 99 wastes not otherwise specified
 - 06 01 99 wastes not otherwise specified
 - 06 02 99 wastes not otherwise specified
 - 06 03 99 wastes not otherwise specified
 - 06 04 99 wastes not otherwise specified
 - 06 06 99 wastes not otherwise specified
 - 06 07 99 wastes not otherwise specified
 - 06 08 99 wastes not otherwise specified

06 09 99	wastes not otherwise specified
06 10 99	wastes not otherwise specified
06 11 99	wastes not otherwise specified
06 13 99	wastes not otherwise specified
07 01 99	wastes not otherwise specified
07 02 99	wastes not otherwise specified
07 03 99	wastes not otherwise specified
07 04 99	wastes not otherwise specified
07 05 99	wastes not otherwise specified
07 06 99	wastes not otherwise specified
07 07 99	wastes not otherwise specified
08 01 99	wastes not otherwise specified
08 02 99	wastes not otherwise specified
08 03 99	wastes not otherwise specified
08 04 99	wastes not otherwise specified
09 01 07	photographic film and paper containing silver or silver compounds
09 01 08	photographic film and paper free of silver or silver compounds
09 01 99	wastes not otherwise specified
10 01 99	wastes not otherwise specified
10 02 99	wastes not otherwise specified
10 03 99	wastes not otherwise specified
10 04 99	wastes not otherwise specified
10 05 99	wastes not otherwise specified
10 06 99	wastes not otherwise specified
10 07 99	wastes not otherwise specified
10 08 99	wastes not otherwise specified
10 09 99	wastes not otherwise specified
10 10 99	wastes not otherwise specified
10 11 99	wastes not otherwise specified
10 12 99	wastes not otherwise specified
10 13 99	wastes not otherwise specified
11 01 99	wastes not otherwise specified
11 02 99	wastes not otherwise specified
11 05 99	wastes not otherwise specified
12 01 13	welding wastes
12 01 99	wastes not otherwise specified
16 01 99	wastes not otherwise specified
16 03 04	inorganic wastes other than those mentioned in 16 03 03

- 16 03 06 organic wastes other than those mentioned in 16 03 05
 - 16 07 99 wastes not otherwise specified
 - 19 01 99 wastes not otherwise specified
 - 19 02 99 wastes not otherwise specified
 - 19 05 99 wastes not otherwise specified
 - 19 06 99 wastes not otherwise specified
 - 19 08 01 screenings
 - 19 08 99 wastes not otherwise specified
 - 19 09 99 wastes not otherwise specified
 - 19 11 99 wastes not otherwise specified
 - 20 01 99 other fractions not otherwise specified
 - 1 Hazardous
 - 09 01 06* wastes containing silver from on-site treatment of photographic wastes
 - 16 03 03* inorganic wastes containing dangerous substances
 - 16 03 05* organic wastes containing dangerous substances
 - 17 04 09* metal waste contaminated with dangerous substances
 - 17 04 10* cables containing oil, coal tar and other dangerous substances
 - 18 01 10* amalgam waste from dental care
- 10.3 Sorting residues
- 10.32 Other sorting residues
- 0 Non-hazardous
 - 19 02 03 premixed wastes composed only of non-hazardous wastes
 - 19 02 10 combustible wastes other than those mentioned in 19 02 08 and 19 02 09
 - 19 05 01 non-composted fraction of municipal and similar wastes
 - 19 05 02 non-composted fraction of animal and vegetable waste
 - 19 05 03 off-specification compost
 - 19 10 04 fluff-light fraction and dust other than those mentioned in 19 10 03
 - 19 10 06 other fractions other than those mentioned in 19 10 05
 - 19 12 10 combustible waste (refuse derived fuel)
 - 19 12 12 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
 - 1 Hazardous
 - 19 02 04* premixed wastes composed of at least one hazardous waste
 - 19 02 09* solid combustible wastes containing dangerous substances
 - 19 04 03* non-vitrified solid phase
 - 19 10 03* fluff-light fraction and dust containing dangerous substances
 - 19 10 05* other fractions containing dangerous substances
 - 19 12 11* other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances

11 Common sludges

11.1 Waste water treatment sludges

11.11 Sludges from treatment of public sewerage water

0 Non-hazardous

19 08 05 sludges from treatment of urban waste water

11.12 Biodegradable sludges from treatment of other waste water

0 Non-hazardous

02 02 04 sludges from on-site effluent treatment

02 03 05 sludges from on-site effluent treatment

02 04 03 sludges from on-site effluent treatment

02 05 02 sludges from on-site effluent treatment

02 06 03 sludges from on-site effluent treatment

02 07 05 sludges from on-site effluent treatment

03 03 11 sludges from on-site effluent treatment other than those mentioned in 03 03 10

11.2 Sludges from purification of drinking and process water

11.21 Sludges from purification of drinking and process water

0 Non-hazardous

05 01 13 boiler feedwater sludges

19 09 02 sludges from water clarification

11.4 Cesspit contents

11.41 Cesspit contents

0 Non-hazardous

20 03 04 septic tank sludge

20 03 06 waste from sewage cleaning

12 Mineral wastes

12.1 Construction and demolition wastes

12.11 Concrete, bricks and gypsum waste

0 Non-hazardous

17 01 01 concrete

17 01 02 bricks

17 01 03 tiles and ceramics

17 01 07 mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06

17 05 08 track ballast other than those mentioned in 17 05 07

17 08 02 gypsum-based construction materials other than those mentioned in 17 08 01

1 Hazardous

17 01 06* mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances

17 05 07* track ballast containing dangerous substances

17 08 01* gypsum-based construction materials contaminated with dangerous substances

12.12 Waste hydrocarbonised road-surfacing material

0 Non-hazardous

17 03 02 bituminous mixtures other than those mentioned in 17 03 01

1 Hazardous

17 03 01* bituminous mixtures containing coal tar

17 03 03* coal tar and tarred products

12.13 Mixed construction wastes

0 Non-hazardous

17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03

17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

1 Hazardous

17 02 04* glass, plastic and wood containing or contaminated with dangerous substances

17 06 03* other insulation materials consisting of or containing dangerous substances

17 09 01* construction and demolition wastes containing mercury

17 09 03* other construction and demolition wastes (including mixed wastes) containing dangerous substances

12.2 Asbestos wastes

12.21 Asbestos wastes

1 Hazardous

06 07 01* wastes containing asbestos from electrolysis

06 13 04* wastes from asbestos processing

10 13 09* wastes from asbestos-cement manufacture containing asbestos

15 01 11* metallic packaging containing a dangerous solid porous matrix (e.g. asbestos), including empty pressure containers

16 01 11* brake pads containing asbestos

16 02 12* discarded equipment containing free asbestos

17 06 01* insulation materials containing asbestos

17 06 05* construction materials containing asbestos

12.3 Waste of naturally occurring minerals

12.31 Waste of naturally occurring minerals

0 Non-hazardous

01 01 01 wastes from mineral metalliferous excavation

01 01 02 wastes from mineral non-metalliferous excavation

01 03 06 tailings other than those mentioned in 01 03 04 and 01 03 05

01 03 08 dusty and powdery wastes other than those mentioned in 01 03 07

01 03 09 red mud from alumina production other than the wastes mentioned in 01 03 07

01 04 08 waste gravel and crushed rocks other than those mentioned in 01 04 07

01 04 09 waste sand and clays

- 01 04 10 dusty and powdery wastes other than those mentioned in 01 04 07
- 01 04 11 wastes from potash and rock-salt processing other than those mentioned in 01 04 07
- 01 04 12 tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11
- 01 04 13 wastes from stone cutting and sawing other than those mentioned in 01 04 07
- 01 05 04 fresh-water drilling muds and wastes
- 01 05 07 barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
- 01 05 08 chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
- 02 04 01 soil from cleaning and washing beet
- 08 02 02 aqueous sludges containing ceramic materials
- 10 11 10 waste preparation mixture before thermal processing other than those mentioned in 10 11 09
- 10 12 01 waste preparation mixture before thermal processing
- 10 13 01 waste preparation mixture before thermal processing
- 19 08 02 waste from desanding
- 19 09 01 solid waste from primary filtration and screenings
- 19 13 02 solid wastes from soil remediation other than those mentioned in 19 13 01
- 20 02 03 other non-biodegradable wastes
- 1 Hazardous
 - 01 03 04* acid-generating tailings from processing of sulphide ore
 - 01 03 05* other tailings containing dangerous substances
 - 01 03 07* other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals
 - 01 04 07* wastes containing dangerous substances from physical and chemical processing of non-metalliferous minerals
 - 01 05 06* drilling muds and other drilling wastes containing dangerous substances
 - 10 11 09* waste preparation mixture before thermal processing containing dangerous substances
 - 19 13 01* solid wastes from soil remediation containing dangerous substances
- 12.4 Combustion wastes
 - 12.41 Waste from flue gas purification
 - 0 Non-hazardous
 - 10 01 05 calcium-based reaction wastes from flue-gas desulphurisation in solid form
 - 10 01 07 calcium-based reaction wastes from flue-gas desulphurisation in sludge form
 - 10 01 19 wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
 - 10 02 08 solid wastes from gas treatment other than those mentioned in 10 02 07
 - 10 02 14 sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
 - 10 03 20 flue-gas dust other than those mentioned in 10 03 19

10 03 24	solid wastes from gas treatment other than those mentioned in 10 03 23
10 03 26	sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
10 07 03	solid wastes from gas treatment
10 07 05	sludges and filter cakes from gas treatment
10 08 16	flue-gas dust other than those mentioned in 10 08 15
10 08 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
10 09 10	flue-gas dust other than those mentioned in 10 09 09
10 10 10	flue-gas dust other than those mentioned in 10 10 09
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
10 12 05	sludges and filter cakes from gas treatment
10 12 10	solid wastes from gas treatment other than those mentioned in 10 12 09
10 13 07	sludges and filter cakes from gas treatment
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12
1 Hazardous	
10 01 18*	wastes from gas cleaning containing dangerous substances
10 02 07*	solid wastes from gas treatment containing dangerous substances
10 02 13*	sludges and filter cakes from gas treatment containing dangerous substances
10 03 19*	flue-gas dust containing dangerous substances
10 03 23*	solid wastes from gas treatment containing dangerous substances
10 03 25*	sludges and filter cakes from gas treatment containing dangerous substances
10 04 04*	flue-gas dust
10 04 06*	solid wastes from gas treatment
10 04 07*	sludges and filter cakes from gas treatment
10 05 03*	flue-gas dust
10 05 05*	solid waste from gas treatment
10 05 06*	sludges and filter cakes from gas treatment
10 06 03*	flue-gas dust
10 06 06*	solid wastes from gas treatment
10 06 07*	sludges and filter cakes from gas treatment
10 08 15*	flue-gas dust containing dangerous substances
10 08 17*	sludges and filter cakes from flue-gas treatment containing dangerous substances
10 09 09*	flue-gas dust containing dangerous substances
10 10 09*	flue-gas dust containing dangerous substances
10 11 15*	solid wastes from flue-gas treatment containing dangerous substances
10 11 17*	sludges and filter cakes from flue-gas treatment containing dangerous substances
10 12 09*	solid wastes from gas treatment containing dangerous substances

10 13 12* solid wastes from gas treatment containing dangerous substances

10 14 01* waste from gas cleaning containing mercury

11 05 03* solid wastes from gas treatment

12.42 Slags and ashes from thermal treatment and combustion

0 Non-hazardous

06 09 02 phosphorous slag

10 01 01 bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)

10 01 02 coal fly ash

10 01 03 fly ash from peat and untreated wood

10 01 15 bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14

10 01 17 fly ash from co-incineration other than those mentioned in 10 01 16

10 01 24 sands from fluidised beds

10 02 01 wastes from the processing of slag

10 02 02 unprocessed slag

10 03 16 skimmings other than those mentioned in 10 03 15

10 03 22 other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21

10 03 30 wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29

10 05 01 slags from primary and secondary production

10 05 04 other particulates and dust

10 05 11 dross and skimmings other than those mentioned in 10 05 10

10 06 01 slags from primary and secondary production

10 06 02 dross and skimmings from primary and secondary production

10 06 04 other particulates and dust

10 07 01 slags from primary and secondary production

10 07 02 dross and skimmings from primary and secondary production

10 07 04 other particulates and dust

10 08 04 particulates and dust

10 08 09 other slags

10 08 11 dross and skimmings other than those mentioned in 10 08 10

10 09 03 furnace slag

10 09 12 other particulates other than those mentioned in 10 09 11

10 10 03 furnace slag

10 10 12 other particulates other than those mentioned in 10 10 11

10 12 03 particulates and dust

11 05 02 zinc ash

1 Hazardous

- 10 01 04* oil fly ash and -boiler dust
- 10 01 13* fly ash from emulsified hydrocarbons used as fuel
- 10 01 14* bottom ash, slag and boiler dust from co-incineration containing dangerous substances
- 10 01 16* fly ash from co-incineration containing dangerous substances
- 10 03 04* primary production slags
- 10 03 09* black drosses from secondary production
- 10 03 15* skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
- 10 03 21* other particulates and dust (including ball-mill dust) containing dangerous substances
- 10 03 29* wastes from treatment of salt slags and black drosses containing dangerous substances
- 10 04 01* slags from primary and secondary production
- 10 04 02* dross and skimmings from primary and secondary production
- 10 04 05* other particulates and dust
- 10 05 10* dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
- 10 08 08* salt slag from primary and secondary production
- 10 08 10* dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
- 10 09 11* other particulates containing dangerous substances
- 10 10 11* other particulates containing dangerous substances

12.5 Various mineral wastes

12.51 Artificial mineral wastes

0 Non-hazardous

- 02 04 02 off-specification calcium carbonate
- 06 09 04 calcium-based reaction wastes other than those mentioned in 06 09 03
- 06 11 01 calcium-based reaction wastes from titanium dioxide production
- 08 02 03 aqueous suspensions containing ceramic materials
- 10 03 05 waste alumina
- 10 09 14 waste binders other than those mentioned in 10 09 13
- 10 11 03 waste glass-based fibrous materials
- 10 11 05 particulates and dust
- 10 11 14 glass-polishing and -grinding sludge other than those mentioned in 10 11 13
- 10 12 08 waste ceramics, bricks, tiles and construction products (after thermal processing)
- 10 12 12 wastes from glazing other than those mentioned in 10 12 11
- 10 13 04 wastes from calcination and hydration of lime
- 10 13 06 particulates and dust (except 10 13 12 and 10 13 13)

- 10 13 10 wastes from asbestos-cement manufacture other than those mentioned in 10 13 09
- 10 13 11 wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
- 10 13 14 waste concrete and concrete sludge
- 12 01 17 waste blasting material other than those mentioned in 12 01 16
- 12 01 21 spent grinding bodies and grinding materials other than those mentioned in 12 01 20
- 1 Hazardous
 - 06 09 03* calcium-based reaction wastes containing or contaminated with dangerous substances
 - 10 11 13* glass-polishing and -grinding sludge containing dangerous substances
 - 10 12 11* wastes from glazing containing heavy metals
 - 11 02 02* sludges from zinc hydrometallurgy (incl. jarosite, goethite)
 - 12 01 16* waste blasting material containing dangerous substances
 - 12 01 20* spent grinding bodies and grinding materials containing dangerous substances
- 12.52 Waste refractory materials
 - 0 Non-hazardous
 - 10 09 06 casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
 - 10 09 08 casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
 - 10 10 06 casting cores and moulds which have not undergone pouring other than those mentioned in 10 10 05
 - 10 10 08 casting cores and moulds which have undergone pouring other than those mentioned in 10 10 07
 - 16 11 02 carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01
 - 16 11 04 other linings and refractories from metallurgical processes other than those mentioned in 16 11 03
 - 16 11 06 linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05
 - 1 Hazardous
 - 10 09 05* casting cores and moulds which have not undergone pouring containing dangerous substances
 - 10 09 07* casting cores and moulds which have undergone pouring containing dangerous substances
 - 10 10 05* casting cores and moulds which have not undergone pouring containing dangerous substances
 - 10 10 07* casting cores and moulds which have undergone pouring containing dangerous substances
 - 16 11 01* carbon-based linings and refractories from metallurgical processes containing dangerous substances
 - 16 11 03* other linings and refractories from metallurgical processes containing dangerous substances
 - 16 11 05* linings and refractories from non-metallurgical processes containing dangerous substances

12.6 Soils

12.61 Soils

0 Non-hazardous

17 05 04 soil and stones other than those mentioned in 17 05 03

20 02 02 soil and stones

1 Hazardous

05 01 05* oil spills

17 05 03* soil and stones containing dangerous substances

12.7 Dredging spoil

12.71 Dredging spoil

0 Non-hazardous

17 05 06 dredging spoil other than those mentioned in 17 05 05

1 Hazardous

17 05 05* dredging spoil containing dangerous substances

12.8 Waste from waste treatment

12.81 Waste from waste treatment

0 Non-hazardous

19 01 12 bottom ash and slag other than those mentioned in 19 01 11

19 01 14 fly ash other than those mentioned in 19 01 13

19 01 16 boiler dust other than those mentioned in 19 01 15

19 01 18 pyrolysis wastes other than those mentioned in 19 01 17

19 01 19 sands from fluidised beds

19 12 09 minerals (for example sand, stones)

1 Hazardous

19 01 05* filter cake from gas treatment

19 01 06* aqueous liquid wastes from gas treatment and other aqueous liquid wastes

19 01 07* solid wastes from gas treatment

19 01 11* bottom ash and slag containing dangerous substances

19 01 13* fly ash containing dangerous substances

19 01 15* boiler dust containing dangerous substances

19 01 17* pyrolysis wastes containing dangerous substances

19 04 02* fly ash and other flue-gas treatment wastes

19 11 07* wastes from flue-gas cleaning

13 Solidified, stabilised or vitrified waste

13.1 Solidified or stabilised waste

13.11 Solidified or stabilised waste

0 Non-hazardous

19 03 05 stabilised wastes other than those mentioned in 19 03 04

19 03 07 solidified wastes other than those mentioned in 19 03 06

1 Hazardous

19 03 04* wastes marked as hazardous, partly stabilised

19 03 06* wastes marked as hazardous, solidified

13.2 Vitrified wastes

13.21 Vitrified wastes

0 Non-hazardous

19 04 01 vitrified waste'
