



AGÊNCIA
PORTUGUESA
DO AMBIENTE

3rd ADDITION TO ENVIRONMENTAL LICENSE NO. 31/2006

Under the terms of legislation relating to Integrated Pollution Prevention and Control (PCIP), the 3rd Addition to the Environmental Licence is hereby issued to the operator

ECODEAL-Gestão Integrada de Resíduos Industriais, S.A.

with Legal Entity Identification Number (NIPC) 506 554 791, for the

CIRVER ECODEAL - ECODEAL's Integrated Hazardous Waste Recovery, Recycling and Treatment Centre

situated in Eco Parque do Relvão, Rua Pinhal do Duque, 2140-671 Carregueira, municipality of Chamusca, for carrying out the activity of recovery, recycling and disposal of hazardous waste with CAE_{REV.3} 38220.

The activity carried out by ECODEAL is subject to total compliance with the conditions provided for in the Environmental License and respective endorsements.

This addition forms an integral part of Environmental Licence no. 31/2006, and is valid until the 28th of September 2016.

Amadora, 20th of June of 2014

Member of the Managing Board of APA, I.P.

Ana Teresa Perez

(through the powers conferred for the purpose within the terms provided for in Dispatch no. 7952/2013, published in Diário da República, 2nd series - no. 116 - of 19 June 2013)

The present addition is an amendment to that set out in points 1, 2, 3.1.2, 3.1.3.2, 4.5.1, 4.5.2, 6 and 1, 1.4, 2 and 3 of Annex I of Environmental License no. 42/2006, of 2 November, within the scope of article 75 of Decree-Law no. 3/2004, of 3 January.

Amendments made by this endorsement:

1. Reference to the alternative fuel preparation unit

In point 1- Preamble, of the Environmental License, the alternative fuel preparation unit is added to the units listed:

a) Licensed capacities

“- Classification, sorting and transfer unit:

- Classification, sorting and transfer unit: 1,061 tonnes;
- Contaminated packaging recycling unit: 2,100 tonnes/year;
- Organic waste treatment unit; 16,500 tonnes/year;
- Physical-chemical treatment unit: 8,600 tonnes/year;

(The receipt of 10,000 tonnes/year of waste in substitution of reagents is authorised)

- Stabilisation unit: 51,550 tonnes/year;

(The receipt of 15,000 tonnes/year of waste in substitution of reagents is authorised)

- Soil decontamination unit; 11,400 tonnes/year;
- Alternative fuel from hazardous waste preparation unit: 5,500 tonnes/year;
- Hazardous waste landfill: 116,387 tonnes/year."

b) Operating codes

- Classification, sorting and transfer unit: R12/R13/D14/D15
- Contaminated packaging recycling unit: R3 / R4
- Organic waste treatment unit; R3 / R11
- Physical-chemical treatment unit: D9
- Stabilisation unit: D9 / D13
- Soil decontamination unit; R3/R5
- Alternative fuel from hazardous waste preparation unit: R12
- Hazardous waste landfill: D1"

c) Installed capacities

- Classification, sorting and transfer unit: 1,061 tonnes;
- Contaminated packaging recycling unit: 31 tonnes/day;
- Organic waste treatment unit; 99 tonnes/day;
- Physical-chemical treatment unit: 103 tonnes/day;
(The receipt of 150 tonnes/day of waste in substitution of reagents is authorised)
- *Stabilisation unit: 354 tonnes/day;*
(The receipt of 454 tonnes/day of waste in substitution of reagents is authorised)
- Soil decontamination unit; 71 tonnes/day;
- Alternative fuel from hazardous waste preparation unit: 25 tonnes/day;
- Hazardous waste landfill (cell 1): 278,101 tonnes, which corresponds to it being filled with 231,751 m³ of waste, the estimated useful life of which is 6 years. "

Point 1.4 regarding the organic waste treatment unit-Description of the activities carried out at the facility, of annex 1, of the Environmental License shall have the following additional text:

"Within the terms of Paragraph 2 of article 22 of Decree-Law no. 178/2006, of 5 September, amended and republished through Decree-Law no. 73/2011, of 17 June, operations for preparing alternative fuels from hazardous waste are carried out at CIRVER ECODEAL for subsequent energy recovery in incineration or co-incineration facilities, whilst the alternative fuel from hazardous waste preparation unit is part of the organic waste treatment unit, essentially carrying out waste fragmentation, sorting and storage. "

2. Monitoring of waste water and potentially contaminated rain water

Point 4.5.2-Control of discharge of rain water and re-use of treated waste water, of the Environmental License, shall now read as follows:

"4.5.2-Control of discharge of *potentially contaminated* rain water and re-use of treated waste water

Monitoring and analyses of *potentially contaminated rain water* must be carried out in accordance with that specified in Annex II, Table II.8, of this license, and its auto-control shall be carried out in the following conditions:

- a) *The sample shall be representative of the rain water collected and may be specific taking into account the time it remains in the last treatment unit before being discharged into the environment;*
- b) Collection of samples shall be carried out at the outflow of the clean water pond and rain water reservoirs, R₁ and R₂, before being mixed with any other type of water, namely other rain water;
- c) Flows of discharged rainwater must be recorded daily using flow meters with totalizers, to be installed in the clean water pond and rainwater reservoirs, R₁ and R₂.

The discharge of *potentially contaminated* rainwater is authorised through points EH₁, EH₂, EH₃ and EH₄; said discharge must respect the ELVs stipulated in Annex II, Table II.8. of this licence,

The monitoring and analyses of waste water not used for irrigation must be carried out in accordance with that specified in the Use of Water Resources License-Disposal of Waste Water with number L016155.2013.RH5, valid until 10/10/2023.

The monitoring and analyses of treated waste water used for irrigation must be carried out in accordance with that specified in Annex II, Table II.9 of this license, and its auto-control should be carried out in the following conditions:

- d) The sample shall be representative of the treated waste water, flow-proportional or time-based, carried out over a period of 24 hours (composite sample);
- e) Samples must be collected at the outflow of the treated waste water reservoir, in the irrigation network connection pipework;
- f) Flows of reused waste water must be recorded daily using flow meters with totalizers, to be installed at the outflow of the treated waste water reservoir, at the connection(s) to the service and irrigation network.

The ELVs stipulated in **Annex II, Table II.9** of this licence must be respected when reusing treated waste water for irrigation.

A report on the results of these monitoring operations must be sent to CCDR on a quarterly basis. Summary reports of the quality of the water that is discharged and reused, of the monthly volumes of effluent that are discharged and reused and of the readings of flow meters associated with discharge and reuse, must form an integral part of the AER.

Specifically for each monitored parameter of the discharged waste water, and in addition to the measured concentration values, this report must present the respective pollutant load (expressed in mass/time unit) where applicable. The number of hours per year corresponding to the discharge of waste water must also be indicated.

Daily records must also be kept of the volumes of effluent to be treated by the treatment system described in item 3.1.4, Waste Water, using the flow meter installed at the system's inflow. A report on the record of outflow to the treatment system must be sent to CCDR on a quarterly basis. A summary report of this record must form an integral part of the AER.

In the first AER, the operator must include a plan of the facilities, at a suitable scale, showing the locations of the flow meter(s) to be installed and the point where various samples will be collected, all of which should be duly identified.

Suitable corrective measures should immediately be taken if any non-compliance situation is found in any of the measurements that are made, after which a new compliance assessment must be carried out of the parameters in question. The stipulations of item 5, Management of emergency situations, of this licence, must also be complied with."

3 Introduction of Best Available Techniques (BAT)

In the table in point 2 of the Environmental License regarding BATs, the following BATs are added regarding the alternative fuel from hazardous waste preparation unit:

Category	Identified BAT elements
Preparation of waste for use as fuel	Transfer of knowledge on the composition of prepared waste
	Quality Assurance Systems
	Manufacture of different types of fuels from waste
	Treatment of industrial waste water
	Safety aspects
Preparation of solid fuels from non-hazardous waste	Visual inspection of the accepted types of waste
	Use of magnetic separators for ferrous and non-ferrous metals.
	Preparation of fuel with the appropriate dimension.
Preparation of solid fuel from hazardous waste	Drying and heating operations.
	Blending and mixing operations
	Reduction of particles
Preparation of liquid fuel from hazardous waste	Use of heat exchange units outside the deposit.
	Homogenisation of the liquid fuel

4. Inclusion of the LoW codes and new organisation of the list of waste to be received at the facility

In point 3- Waste to be received at the facility, of Annex I, of the Environmental License, the tables of waste to be received shall now read as follows:

Table 1 - List of waste to be received at the Classification, Sorting and Transfer unit

Designation according to the European List of Waste (LoW)	
LoW Code	Description
02 01 10	<i>Metal waste.</i>
03 01 01	<i>Waste bark and cork.</i>
03 01 05	<i>Sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04.</i>
03 02 01*	<i>Non-halogenated organic wood preservatives.</i>
03 02 02*	<i>Organochlorinated wood preservatives.</i>
03 02 03*	<i>Organometallic wood preservatives.</i>
03 03 01	<i>Waste bark and wood.</i>
03 03 07	<i>Mechanically separated rejects from pulping of waste paper and cardboard.</i>
03 03 08	<i>Wastes from sorting of paper and cardboard destined for recycling.</i>
04 01 09	<i>Wastes from dressing and finishing.</i>
04 02 09	<i>Wastes from composite materials (impregnated textile, elastomer, plastomer).</i>
04 02 21	<i>Wastes from unprocessed textile fibres.</i>
04 02 22	<i>Wastes from processed textile fibres.</i>
06 03 11*	<i>Solid salts and solutions containing cyanides.</i>
06 13 05*	<i>Soot.</i>
08 03 16*	<i>Waste etching solutions.</i>
08 05 01*	<i>Waste isocyanates.</i>
09 01 07	<i>Photographic film and paper containing silver or silver compounds.</i>
09 01 08	<i>Photographic film and paper free of silver or silver compounds.</i>
09 01 10	<i>Single-use cameras without batteries.</i>
09 01 11*	<i>Single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03.</i>
09 01 12	<i>Single-use cameras containing batteries other than those mentioned in 09 01 11.</i>
10 03 15*	<i>Skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities.</i>
10 05 10*	<i>Dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities.</i>
10 08 10*	<i>Dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities.</i>
10 09 05*	<i>Casting cores and moulds which have not undergone pouring containing dangerous substances.</i>
10 09 07*	<i>Casting cores and moulds which have undergone pouring containing dangerous substances.</i>

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.
10 11 11*	Waste glass in small particles and glass powder containing heavy metals (e.g. from cathode ray tubes).
10 12 11*	Wastes from glazing containing heavy metals.
11 03 01*	Wastes containing cyanide.
12 01 01	<i>Ferrous metal filings and turnings.</i>
12 01 03	<i>Non-ferrous metal filings and turnings.</i>
12 01 13	<i>Welding wastes.</i>
13 03 10*	Other insulating and heat transmission oils.
14 06 01*	Chlorofluorocarbons, HCFC, HFC.
15 01 03	<i>Wood packaging.</i>
15 01 01	<i>Paper and cardboard packaging.</i>
15 01 07	<i>Glass packaging.</i>
15 01 09	<i>Textile packaging.</i>
15 01 11*	<i>Metallic packaging containing a dangerous solid porous matrix (e.g. asbestos), including empty pressure containers).</i>
16 01 03	<i>End-of-life tyres.</i>
16 01 07*	Oil filters.
16 01 08*	Components containing mercury.
16 01 09*	Components containing PCBs.
16 01 11*	Brake pads containing asbestos.
16 01 16	<i>Tanks for liquefied gas.</i>
16 01 17	<i>Ferrous metal.</i>
16 01 18	<i>Non-ferrous metal.</i>
16 01 20	<i>Glass.</i>
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 01 99	<i>Wastes not otherwise specified.</i>
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.
16 02 11*	Discarded equipment containing chlorofluorocarbons, HCFC, HFC.
16 02 12*	Discarded equipment containing free asbestos.
16 02 13*	Discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12.
16 02 14	<i>Discarded equipment other than those mentioned in 16 02 09 to 16 02 13.</i>
16 02 15*	Hazardous components removed from discarded equipment.
16 02 16	<i>Components removed from discarded equipment other than those mentioned in 16 02 15.</i>
16 05 04*	Gases in pressure containers (including halons) containing dangerous substances.
16 05 05	<i>Gases in pressure containers other than those mentioned in 16 05 04.</i>
16 06 01*	Lead batteries.
16 06 02*	Ni-Cd batteries.

16 06 03*	Mercury-containing batteries.
16 06 04	Alkaline batteries (except 16 06 03).
16 06 05	Other batteries and accumulators.
16 08 01	Spent catalysts containing gold; silver; rhenium, rhodium, palladium, iridium or platinum (except 16 08 07).
17 02 01	Wood.
17 02 02	Glass.
17 04 01	Copper, bronze, brass.
17 04 02	Aluminium.
17 04 03	Lead.
17 04 04	Zinc.
17 04 05	Iron and steel.
17 04 06	Tin.
17 04 07	Mixed metals.
17 04 09*	Metal waste contaminated with dangerous substances.
17 04 10*	Cables containing oil, coal tar and other dangerous substances.
17 04 11	Cables other than those mentioned in 17 04 10.
17 05 07*	Track ballast containing dangerous substances.
17 05 08	Track ballast other than those mentioned in 17 05 07.
17 06 01*	Insulation materials containing asbestos.
17 06 03*	Other insulation materials consisting of or containing dangerous substances.
17 06 05*	Construction materials containing asbestos.
17 08 01*	Gypsum-based construction materials contaminated with dangerous substances.
17 09 01*	Construction and demolition wastes containing mercury.
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).
17 09 03*	Other construction and demolition wastes (including mixed wastes) containing dangerous substances.
19 01 02	Ferrous materials removed from bottom ash.
19 02 09*	Solid combustible wastes containing dangerous substances.
19 03 04*	Wastes marked as hazardous, partly stabilised.
19 03 06*	Wastes marked as hazardous, solidified.
19 04 01	Vitrified waste.
19 08 10*	Grease and oil mixture from oil/water separation other than those mentioned in 19 08 09.
19 10 01	Iron and steel waste.
19 12 01	Paper and cardboard.
19 12 02	Ferrous metal.
19 12 03	Cables other than those mentioned in 17 04 10.
19 12 05	Glass.
19 12 06*	Wood containing dangerous substances.

19 12 07	Wood other than that mentioned in 19 12 06.
19 12 08	Textiles.
19 12 11*	Other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances.
20 01 01	Paper and cardboard.
20 01 02	Glass.
20 01 10	Clothes.
20 01 11	Textiles.
20 01 13*	Solvents.
20 01 19*	Pesticides.
20 01 21*	Fluorescent tubes and other mercury-containing waste.
20 01 23*	Discarded equipment containing chlorofluorocarbons.
20 01 27*	Paint, inks, adhesives and resins containing dangerous substances.
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.
20 01 34	Batteries and accumulators other than those mentioned in 20 01 33.
20 01 35*	Discarded electrical and electronic equipment other than those mentioned in 20 01 21 or 20 01 23 containing hazardous components.
20 01 36	Discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 or 20 01 35.
20 01 37*	Wood containing dangerous substances.
20 01 38	Wood other than that mentioned in 20 01 37.
20 01 40	Metals.
20 01 41	Wastes from chimney sweeping.
20 02 03	Other non-biodegradable wastes.
20 03 01	Mixed municipal waste.
20 03 02	Waste from markets.
20 03 03	Street cleaning residues.
20 03 06	Waste from sewage cleaning.
20 03 07	Bulky waste
20 03 99	Municipal wastes not otherwise specified.

Note: CIRVER facilities can only receive and treat urban waste from producers who produce over 1,100 litres/day of urban waste.

Table 2 - List of waste to be received at the Contaminated Packaging Recycling Unit

Designation according to the European List of Waste (LoW)	
LoW Code	Description
02 01 04	Waste plastics (except packaging).
07 02 13	Waste plastics.
12 01 05	Plastics shavings and turnings.
15 01 02	Plastic packaging.
15 01 04	Metallic packaging.
15 01 05	Composite packaging.
15 01 06	Mixed packaging.
15 01 07	Glass packaging.
15 01 10*	Packaging containing or contaminated by waste of hazardous substances.
16 01 19	Plastic.
16 01 20	Glass.
17 02 02	Glass.
17 02 03	Plastic.
19 04 01	Vitrified waste.
19 12 04	Plastic and rubber.
19 12 05	Glass.
20 01 02	Glass.
20 01 39	Plastics.

Note: CIRVER facilities can only receive and treat urban waste from producers who produce over 1,100 litres/day of urban waste.

Table 3 - List of waste to be received at the Organic Waste Treatment Unit, Physical-Chemical Treatment Unit, Stabilisation Unit, Soil Decontamination Unit and Alternative Fuel from Hazardous Waste Preparation Unit

Designation according to the European List of Waste (LoW)	
LoW Code	Description
01 01 01	Wastes from mineral metalliferous excavation
01 01 02	Wastes from mineral non-metalliferous excavation.
01 03 04*	Acid-generating tailings from processing of sulphide ore.
01 03 05*	Other tailings containing dangerous substances.
01 03 06	Tailings other than those mentioned in 01 03 04 and 01 03 05.

01 03 07*	Other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals.
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 03 99	Wastes not otherwise specified.
01 04 07*	Wastes containing dangerous substances from physical and chemical processing of non-metalliferous minerals.
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 04 99	Wastes not otherwise specified.
01 05 04	Fresh-water drilling muds and wastes.
01 05 05*	Oil-containing drilling muds and wastes.
01 05 06*	Oil-containing 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.
01 05 99	Wastes not otherwise specified.
02 01 01	Sludges from washing and cleaning.
02 01 03	Plant-tissue waste.
02 01 04	Waste plastics (except packaging).
02 01 08*	Agrochemical waste containing dangerous substances.
02 01 09	Agrochemical waste other than those mentioned in 02 01 08.
02 01 99	Wastes not otherwise specified.
02 01 04	<i>Waste plastics (except packaging).</i>
02 02 01	Sludges from washing and cleaning.
02 02 03	Materials unsuitable for consumption or processing.
02 02 04	Sludges from on-site effluent treatment.
02 02 99	Wastes not otherwise specified.
02 03 01	Sludges from washing, cleaning, peeling, centrifuging and separation.
02 03 02	Wastes from preserving agents.
02 03 03	Wastes from solvent extraction.
02 03 04	Materials unsuitable for consumption or processing.
02 03 05	Sludges from on-site effluent treatment.
02 03 99	Wastes not otherwise specified.
02 04 02	Off-specification calcium carbonate.
02 04 03	Sludges from on-site effluent treatment.

02 04 99	Wastes not otherwise specified.
02 05 01	Materials unsuitable for consumption or processing.
02 05 02	<i>Sludges from on-site effluent treatment.</i>
02 05 99	Wastes not otherwise specified.
02 06 01	Materials unsuitable for consumption or processing.
02 06 02	Wastes from preserving agents.
02 06 03	Sludges from on-site effluent treatment.
02 06 99	Wastes not otherwise specified.
02 07 01	Waste from washing, cleaning and mechanical reduction of raw materials.
02 07 02	<i>Wastes from spirits distillation.</i>
02 07 03	<i>Wastes from chemical treatment.</i>
02 07 04	Materials unsuitable for consumption or processing.
02 07 05	Sludges from on-site effluent treatment.
02 07 99	Wastes not otherwise specified.
03 01 01	<i>Waste bark and cork.</i>
03 01 04*	Sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances.
03 01 05	<i>Sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04.</i>
03 01 99	Wastes not otherwise specified.
03 02 04*	Inorganic wood preservatives.
03 02 05*	Other wood preservatives containing dangerous substances.
03 02 99	Wood preservatives not otherwise specified.
03 03 01	<i>Waste bark and wood.</i>
03 03 02	<i>Green liquor sludge (from recovery of cooking liquor).</i>
03 03 05	<i>De-inking sludges from paper recycling.</i>
03 03 07	<i>Mechanically separated rejects from pulping of waste paper and cardboard.</i>
03 03 08	<i>Wastes from sorting of paper and cardboard destined for recycling.</i>
03 03 09	<i>Lime mud waste.</i>
03 03 10	<i>Fibre rejects, fibre-, filler- and coating sludges from mechanical separation.</i>
03 03 11	<i>Sludges from on-site effluent treatment other than those mentioned in 03 03 10.</i>
03 03 99	Wastes not otherwise specified.
04 01 02	<i>Liming waste.</i>
04 01 03*	Degreasing wastes containing solvents without a liquid phase.
04 01 04	Tanning liquor containing chromium.
04 01 05	Tanning liquor free of chromium.
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 01 09	<i>Wastes from dressing and finishing.</i>

04 02 09	<i>Wastes from composite materials (impregnated textile, elastomer, plastomer).</i>
04 02 10	Organic matter from natural products (e.g. grease, wax).
04 02 14*	Wastes from finishing containing organic solvents.
04 02 15	Wastes from finishing other than those mentioned in 04 02 14.
04 02 16*	Dyestuffs and pigments containing dangerous substances.
04 02 17	Dyestuffs and pigments other than those mentioned in 04 02 16.
04 02 19*	Sludges from on-site effluent treatment containing dangerous substances.
04 02 20	Sludges from on-site effluent treatment other than those mentioned in 04 02 19.
04 02 21	<i>Wastes from unprocessed textile fibres.</i>
04 02 22	<i>Wastes from processed textile fibres.</i>
04 02 99	<i>Wastes not otherwise specified.</i>
05 01 02*	Desalter sludges.
05 01 03*	Tank bottom sludges.
05 01 04*	Acid alkyl sludges.
05 01 05*	Oil spills.
05 01 06*	Oily sludges from maintenance operations of the plant or equipment.
05 01 07*	Acid tars.
05 01 08*	Other tars.
05 01 09*	Sludges from on-site effluent treatment containing dangerous substances.
05 01 10	Sludges from on-site effluent treatment other than those mentioned in 05 01 09.
05 01 11*	Wastes from cleaning of fuels with bases.
05 01 12*	Oil containing acids.
05 01 13	Boiler feedwater sludges.
05 01 14	Wastes from cooling columns.
05 01 15*	Spent filter clays.
05 01 16	Sulphur-containing wastes from petroleum desulphurisation.
05 01 17	Bitumen.
05 01 99	Wastes not otherwise specified.
05 06 01*	Acid tars.
05 06 03*	Other tars.
05 06 04	Wastes from cooling columns.
05 06 99	Wastes not otherwise specified.
05 07 01*	Wastes containing mercury.
05 07 02	Wastes containing sulphur.
05 07 99	Wastes not otherwise specified.
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.

06 01 05*	Nitric acid and nitrous acid.
06 01 06*	Other acids.
06 01 99	Wastes not otherwise specified.
06 02 01*	Calcium hydroxide.
06 02 03*	Ammonium hydroxide.
06 02 04*	Sodium and potassium hydroxide.
06 02 05*	Other bases.
06 02 99	Wastes not otherwise specified.
06 03 13*	Solid salts and solutions containing heavy metals.
06 03 14	Solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13.
06 03 15*	Metallic oxides containing heavy metals.
06 03 16	Metallic oxides other than those mentioned in 06 03 15.
06 03 99	Wastes not otherwise specified.
06 04 03*	Wastes containing arsenic.
06 04 04*	Wastes containing mercury.
06 04 05*	Wastes containing other heavy metals.
06 04 99	Wastes not otherwise specified.
06 05 02*	Sludges from on-site effluent treatment containing dangerous substances.
06 05 03	Sludges from on-site effluent treatment other than those mentioned in 06 05 02.
06 06 02*	Wastes containing dangerous sulphides.
06 06 03	Wastes containing sulphides other than those mentioned in 06 06 02.
06 06 99	Wastes not otherwise specified.
06 07 01*	Wastes containing asbestos from electrolysis.
06 07 02*	Activated carbon from chlorine production.
06 07 03*	Barium sulphate sludge containing mercury.
06 07 04*	Solutions and acids, e.g. contact acid.
06 07 99	Wastes not otherwise specified.
06 08 02*	Wastes containing dangerous chlorosilanes.
06 08 99	Wastes not otherwise specified.
06 09 02	<i>Slags with phosphorus.</i>
06 09 03*	Calcium-based reaction wastes containing or contaminated with dangerous substances.
06 09 04	Calcium-based reaction wastes other than those mentioned in 06 09 03.
06 09 99	Wastes not otherwise specified.
06 10 02*	Wastes containing dangerous substances.
06 10 99	Wastes not otherwise specified.
06 11 01	Calcium-based reaction wastes from titanium dioxide production.
06 11 99	Wastes not otherwise specified.
06 13 01*	Inorganic plant protection products, wood-preserving agents and other biocides.
06 13 02*	Spent activated carbon (except 06 07 02).

06 13 03	Carbon black.
06 13 04*	Wastes from asbestos processing.
06 13 05*	Soot.
06 13 99	Wastes not otherwise specified.
07 01 01*	Aqueous washing liquids and mother liquors.
07 01 03*	Organic halogenated solvents, washing liquids and mother liquors.
07 01 04*	Other organic solvents, washing liquids and mother liquors.
07 01 07*	Halogenated still bottoms and reaction residues.
07 01 08*	Other still bottoms and reaction residues.
07 01 09*	Halogenated filter cakes and spent absorbents.
07 01 10*	Other filter cakes and spent absorbents.
07 01 11*	Sludges from on-site effluent treatment containing dangerous substances.
07 01 12	Sludges from on-site effluent treatment other than those mentioned in 07 01 11.
07 01 99	Wastes not otherwise specified.
07 02 01*	Aqueous washing liquids and mother liquors.
07 02 03*	Organic halogenated solvents, washing liquids and mother liquors.
07 02 04*	Other organic solvents, washing liquids and mother liquors.
07 02 07*	Halogenated still bottoms and reaction residues.
07 02 08*	Other still bottoms and reaction residues.
07 02 09*	Halogenated filter cakes and spent absorbents.
07 02 10*	Other filter cakes and spent absorbents.
07 02 11*	Sludges from on-site effluent treatment containing dangerous substances.
07 02 12	Sludges from on-site effluent treatment other than those mentioned in 07 02 11.
07 02 13	Waste plastics.
07 02 14*	Wastes from additives containing dangerous substances.
07 02 15	Wastes from additives other than those mentioned in 07 02 14.
07 02 16*	Wastes containing dangerous silicones.
07 02 17	Waste containing silicones other than those mentioned in 07 02 16.
07 02 99	Wastes not otherwise specified.
07 03 01*	Aqueous washing liquids and mother liquors.
07 03 03*	Organic halogenated solvents, washing liquids and mother liquors.
07 03 04*	Other organic solvents, washing liquids and mother liquors.
07 03 07*	Halogenated still bottoms and reaction residues.
07 03 08*	Other still bottoms and reaction residues.
07 03 09*	Halogenated filter cakes and spent absorbents.
07 03 10*	Other filter cakes and spent absorbents.
07 03 11*	Sludges from on-site effluent treatment containing dangerous substances.
07 03 12	Sludges from on-site effluent treatment other than those mentioned in 07 03 11.
07 03 99	Wastes not otherwise specified.
07 04 01*	Aqueous washing liquids and mother liquors.

07 04 03*	Organic halogenated solvents, washing liquids and mother liquors.
07 04 04*	Other organic solvents, washing liquids and mother liquors.
07 04 07*	Halogenated still bottoms and reaction residues.
07 04 08*	Other still bottoms and reaction residues.
07 04 09*	Halogenated filter cakes and spent absorbents.
07 04 10*	Other filter cakes and spent absorbents.
07 04 11*	Sludges from on-site effluent treatment containing dangerous substances.
07 04 12	Sludges from on-site effluent treatment other than those mentioned in 07 04 11.
07 04 13*	Solid wastes containing dangerous substances.
07 04 99	Wastes not otherwise specified.
07 05 01*	Aqueous washing liquids and mother liquors.
07 05 03*	Organic halogenated solvents, washing liquids and mother liquors.
07 05 04*	Other organic solvents, washing liquids and mother liquors.
07 05 07*	Halogenated still bottoms and reaction residues.
07 05 08*	Other still bottoms and reaction residues.
07 05 09*	Halogenated filter cakes and spent absorbents.
07 05 10*	Other filter cakes and spent absorbents.
07 05 11*	Sludges from on-site effluent treatment containing dangerous substances.
07 05 12	Sludges from on-site effluent treatment other than those mentioned in 07 05 11.
07 05 13*	Solid wastes containing dangerous substances.
07 05 14	Solid wastes other than those mentioned in 07 05 13.
07 05 99	Wastes not otherwise specified.
07 06 01*	Aqueous washing liquids and mother liquors.
07 06 03*	Organic halogenated solvents, washing liquids and mother liquors.
07 06 04*	Other organic solvents, washing liquids and mother liquors.
07 06 07*	Halogenated still bottoms and reaction residues.
07 06 08*	Other still bottoms and reaction residues.
07 06 09*	Halogenated filter cakes and spent absorbents.
07 06 10*	Other filter cakes and spent absorbents.
07 06 11*	Sludges from on-site effluent treatment containing dangerous substances.
07 06 12	Sludges from on-site effluent treatment other than those mentioned in 07 06 11.
07 06 99	Wastes not otherwise specified.
07 07 01*	Aqueous washing liquids and mother liquors.
07 07 03*	Organic halogenated solvents, washing liquids and mother liquors.
07 07 04*	Other organic solvents, washing liquids and mother liquors.
07 07 07*	Halogenated still bottoms and reaction residues.
07 07 08*	Other still bottoms and reaction residues.
07 07 09*	Halogenated filter cakes and spent absorbents.
07 07 10*	Other filter cakes and spent absorbents.
07 07 11*	Sludges from on-site effluent treatment containing dangerous substances.

07 07 12	Sludges from on-site effluent treatment other than those mentioned in 07 07 11.
07 07 99	Wastes not otherwise specified.
08 01 11*	Waste paint and varnish containing organic solvents or other dangerous substances.
08 01 12	Waste paint and varnish other than those mentioned in 08 01 11.
08 01 13*	Sludges from paint or varnish containing organic solvents or other dangerous substances.
08 01 14	Sludges from paint or varnish other than those mentioned in 08 01 13.
08 01 15*	Aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances.
08 01 16	Aqueous sludges containing paint or varnish other than those mentioned in 08 01 15.
08 01 17*	Wastes from paint or varnish removal containing organic solvents or other dangerous substances.
08 01 18	Wastes from paint or varnish removal other than those mentioned in 08 01 17.
08 01 19*	Aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances.
08 01 20	Aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19.
08 01 21*	Waste paint or varnish remover.
08 01 99	Wastes not otherwise specified.
08 02 01	Waste coating powders.
08 02 02	Aqueous sludges containing ceramic materials.
08 02 03	Aqueous suspensions containing ceramic materials.
08 02 99	Wastes not otherwise specified.
08 03 07	Aqueous sludges containing ink.
08 03 08	Aqueous liquid waste containing.
08 03 12*	Waste ink containing dangerous substances.
08 03 13	Waste ink other than those mentioned in 08 03 12.
08 03 14*	Ink sludges containing dangerous substances.
08 03 15	Ink sludges other than those mentioned in 08 03 14.
08 03 16*	<i>Waste etching solutions.</i>
08 03 17*	Waste printing toner containing dangerous substances.
08 03 18	Waste printing toner other than those mentioned in 08 03 17.
08 03 19*	Disperse oil.
08 03 99	Wastes not otherwise specified.
08 04 09*	Waste adhesives and sealants containing organic solvents or other dangerous substances.
08 04 10	Waste adhesives and sealants other than those mentioned in 08 04 09.
08 04 11*	Adhesive and sealant sludges containing organic solvents or other dangerous substances.
08 04 12	Adhesive and sealant sludges other than those mentioned in 08 04 11.
08 04 13*	Aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances.
08 04 14	Aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13.

08 04 15*	Aqueous liquid waste containing adhesives or sealants with organic solvents or other dangerous substances.
08 04 16	Aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15.
08 04 17*	Rosin oil.
08 04 99	Wastes not otherwise specified.
08 05 01*	<i>Waste isocyanates.</i>
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.
09 01 04*	Fixer solutions.
09 01 05*	Bleach solutions and bleach fixer solutions.
09 01 06*	Waste containing silver from on-site treatment of photographic waste.
09 01 07	<i>Photographic film and paper containing silver or silver compounds.</i>
09 01 08	<i>Photographic film and paper free of silver or silver compounds.</i>
09 01 13*	Aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06.
09 01 99	Wastes not otherwise specified.
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 04*	Oil fly ash and -boiler dust.
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 09*	Sulphuric acid.
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 15	Bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14.
10 01 16*	Fly ash from co-incineration containing dangerous substances.
10 01 17	Fly ash from co-incineration other than those mentioned in 10 01 16.
10 01 18*	Wastes from gas cleaning containing dangerous substances.
10 01 19	Wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18.
10 01 20*	Sludges from on-site effluent treatment containing dangerous substances.
10 01 21	Sludges from on-site effluent treatment other than those mentioned in 10 01 20.
10 01 22*	Aqueous sludges from boiler cleansing containing dangerous substances.
10 01 23	Aqueous sludges from boiler cleansing other than those mentioned in 10 01 22.
10 01 24	Sands from fluidised beds.
10 01 25	Wastes from fuel storage and preparation of coal-fired power plants.
10 01 26	Wastes from cooling-water treatment.

10 01 99	Wastes not otherwise specified.
10 02 01	Wastes from the processing of slag.
10 02 02	Unprocessed slag.
10 02 07*	Solid wastes from gas treatment containing dangerous substances.
10 02 08	Solid wastes from gas treatment other than those mentioned in 10 02 07.
10 02 10	Mill scales.
10 02 11*	Wastes from cooling-water treatment containing oil.
10 02 12	Wastes from cooling-water treatment other than those mentioned in 10 02 11.
10 02 13*	Sludges and filter cakes from gas treatment containing dangerous substances.
10 02 14	Sludges and filter cakes from gas treatment other than those mentioned in 10 02 13.
10 02 15	Other sludges and filter cakes.
10 02 99	Wastes not otherwise specified.
10 03 04*	Primary production slags.
10 03 05	Waste alumina.
10 03 08*	Salt slags from secondary production.
10 03 09*	Black drosses from secondary production.
10 03 15*	<i>Skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities.</i>
10 03 16	Skimmings other than those mentioned in 10 03 15.
10 03 17*	Tar-containing wastes from anode manufacture.
10 03 18	Carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17.
10 03 19*	Flue-gas dust containing dangerous substances.
10 03 20	Flue-gas dust other than those mentioned in 10 03 19.
10 03 21*	Other particulates and dust (including ball-mill dust) containing dangerous substances.
10 03 22	Other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21.
10 03 23*	Solid wastes from gas treatment containing dangerous substances.
10 03 24	Solid wastes from gas treatment other than those mentioned in 10 03 23.
10 03 25*	Sludges and filter cakes from gas treatment containing dangerous substances.
10 03 26	Sludges and filter cakes from gas treatment other than those mentioned in 10 03 25.
10 03 27*	Wastes from cooling-water treatment containing oil.
10 03 28	Wastes from cooling-water treatment other than those mentioned in 10 03 27.
10 03 29*	Wastes from treatment of salt slags and black drosses containing dangerous substances.
10 03 30	Wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29.
10 03 99	Wastes not otherwise specified.
10 04 01*	Slags from primary and secondary production.
10 04 02*	Dross and skimmings from primary and secondary production.
10 04 03*	Calcium arsenate.

10 04 04*	Flue-gas dust.
10 04 05*	Other particulates and dust.
10 04 06*	Solid wastes from gas treatment.
10 04 07*	Sludges and filter cakes from gas treatment.
10 04 09*	Wastes from cooling-water treatment containing oil.
10 04 10	Wastes from cooling-water treatment other than those mentioned in 10 04 09.
10 04 99	Wastes not otherwise specified.
10 05 01	Slags from primary and secondary production.
10 05 03*	Flue-gas dust.
10 05 04	Other particulates and dust.
10 05 05*	Solid wastes from gas treatment.
10 05 06*	Sludges and filter cakes from gas treatment.
10 05 08*	Wastes from cooling-water treatment containing oil.
10 05 09	Wastes from cooling-water treatment other than those mentioned in 10 05 08.
10 05 10*	<i>Dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities.</i>
10 05 11	Dross and skimmings other than those mentioned in 10 05 10.
10 05 99	Wastes not otherwise specified.
10 06 01	Slags from primary and secondary production.
10 06 02	Dross and skimmings from primary and secondary production.
10 06 03*	Flue-gas dust.
10 06 04	Other particulates and dust.
10 06 06*	Solid wastes from gas treatment.
10 06 07*	Sludges and filter cakes from gas treatment.
10 06 09*	Wastes from cooling-water treatment containing oil.
10 06 10	Wastes from cooling-water treatment other than those mentioned in 10 06 09.
10 06 99	Wastes not otherwise specified.
10 07 01	Slags from primary and secondary production.
10 07 02	Dross and skimmings from primary and secondary production.
10 07 03	Solid wastes from gas treatment.
10 07 04	Other particulates and dust.
10 07 05	Sludges and filter cakes from gas treatment.
10 07 07*	Wastes from cooling-water treatment containing oil.
10 07 08	Wastes from cooling-water treatment other than those mentioned in 10 07 07.
10 07 99	Wastes not otherwise specified.
10 08 04	Particulates and dust.
10 08 08*	Salt slag from primary and secondary production.
10 08 09	Other slags.
10 08 10*	<i>Dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities.</i>

10 08 11	Dross and skimmings other than those mentioned in 10 08 10.
10 08 12*	Tar-containing wastes from anode manufacture.
10 08 13	Carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12.
10 08 15*	Flue-gas dust containing dangerous substances.
10 08 16	Flue-gas dust other than those mentioned in 10 08 15.
10 08 17*	Sludges and filter cakes from flue-gas treatment containing dangerous substances.
10 08 18	Sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17.
10 08 19*	Wastes from cooling-water treatment containing oil.
10 08 20	Wastes from cooling-water treatment other than those mentioned in 10 08 19.
10 08 99	Wastes not otherwise specified.
10 09 03	Furnace slag.
10 09 06	<i>Casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05.</i>
10 09 08	<i>Casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07.</i>
10 09 09*	Flue-gas dust containing dangerous substances.
10 09 10	Flue-gas dust other than those mentioned in 10 09 09.
10 09 11*	Other particulates containing dangerous.
10 09 12	Other particulates other than those mentioned in 10 09 11.
10 09 13*	Waste binders containing dangerous substances.
10 09 14	Waste binders other than those mentioned in 10 09 13.
10 09 15*	Waste crack-indicating agent containing dangerous substances.
10 09 16	Waste crack-indicating agent other than those mentioned in 10 09 15.
10 09 99	Wastes not otherwise specified.
10 10 03	Furnace slag.
10 10 06	<i>Casting cores and moulds which have not undergone pouring other than those mentioned in 10 10 05.</i>
10 10 08	<i>Casting cores and moulds which have undergone pouring other than those mentioned in 10 10 07.</i>
10 10 09*	Flue-gas dust containing dangerous substances.
10 10 10	Flue-gas dust other than those mentioned in 10 10 09.
10 10 11*	Other particulates containing dangerous.
10 10 12	Other particulates other than those mentioned in 10 10 11.
10 10 13*	Waste binders containing dangerous substances.
10 10 14	Waste binders other than those mentioned in 10 10 13.
10 10 15*	Waste crack-indicating agent containing dangerous substances.
10 10 16	Waste crack-indicating agent other than those mentioned in 10 10 15.
10 10 99	Wastes not otherwise specified.
10 11 03	Waste glass-based fibrous materials.
10 11 05	Particulates and dust.
10 11 09*	Waste preparation mixture before thermal processing containing dangerous substances.
10 11 10	Waste preparation mixture before thermal processing other than those mentioned in 10 11 09

10 11 12	Waste glass other than those mentioned in 10 11 11.
10 11 13*	Glass-polishing and -grinding sludge containing dangerous substances.
10 11 14	Glass-polishing and -grinding sludge other than those mentioned in 10 11 13.
10 11 15*	Solid wastes from flue-gas treatment containing dangerous substances.
10 11 16	Solid wastes from flue-gas treatment other than those mentioned in 10 11 15.
10 11 17*	Sludges and filter cakes from flue-gas treatment containing dangerous substances.
10 11 18	Sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17.
10 11 19*	Solid wastes from on-site effluent treatment containing dangerous substances.
10 11 20	Solid wastes from on-site effluent treatment other than those mentioned in 10 11 19.
10 11 99	Wastes not otherwise specified.
1012 01	Waste preparation mixture before thermal processing.
1012 03	Particulates and dust.
10 12 05	Sludges and filter cakes from gas treatment.
1012 06	<i>Discarded moulds.</i>
10 12 09*	Solid wastes from gas treatment containing dangerous substances.
1012 10	Solid wastes from gas treatment other than those mentioned in 10 12 09.
10 12 13	Sludges from on-site effluent treatment.
10 12 99	Wastes not otherwise specified.
10 13 01	Waste preparation mixture before thermal processing.
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 07	Sludges and filter cakes from gas treatment.
10 13 09*	Wastes from asbestos-cement manufacture containing asbestos.
10 13 11	Wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10.
10 13 12*	Solid wastes from gas treatment containing dangerous substances.
10 13 13	Solid wastes from gas treatment other than those mentioned in 10 13 12.
10 13 14	Waste concrete and concrete sludge.
10 13 99	Wastes not otherwise specified.
10 14 01*	Waste from gas cleaning containing mercury.
11 01 05*	Pickling acids.
11 01 06*	Acids not otherwise specified.
11 01 07*	Pickling bases.
11 01 08*	Phosphatising sludges.
11 01 09*	Sludges and filter cakes containing dangerous substances.
11 01 10	Sludges and filter cakes other than those mentioned in 11 01 09.
11 01 11*	Aqueous rinsing liquids containing dangerous substances.
11 01 12	Aqueous rinsing liquids other than those mentioned in 11 01 11.

11 01 13*	Degreasing wastes containing dangerous substances.
11 01 14	Degreasing wastes other than those mentioned in 11 01 13.
11 01 15*	Eluate and sludges from membrane systems or ion exchange systems containing dangerous substances.
11 01 16*	Saturated or spent ion exchange resins.
11 01 98*	Other wastes containing dangerous substances.
11 01 99	Wastes not otherwise specified.
11 02 02*	Sludges from zinc hydrometallurgy (including jarosite, goethite).
11 02 03	<i>Wastes from the production of anodes for aqueous electrolytical processes.</i>
11 02 05*	Wastes from copper hydro-metallurgical processes containing dangerous substances.
11 02 06	Wastes from copper hydro-metallurgical processes other than those mentioned in 11 02 05.
11 02 07*	Other wastes containing dangerous substances.
11 02 99	Wastes not otherwise specified.
11 03 02*	<i>Other wastes.</i>
11 05 01	Hard zinc.
11 05 02	Zinc ash.
11 05 03*	Solid wastes from gas treatment.
11 05 04*	Spent flux.
11 05 99	Wastes not otherwise specified.
12 01 02	Ferrous metal dust and particles.
12 01 04	Non-ferrous metal dust and particles.
12 01 05	<i>Plastics shavings and turnings.</i>
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 13	<i>Welding wastes.</i>
12 01 14*	Machining sludges containing dangerous substances.
12 01 15	Machining sludges other than those mentioned in 12 01 14.
12 01 16*	Waste blasting material containing dangerous substances.
12 01 17	Waste blasting material other than those mentioned in 12 01 16.
12 01 18*	Metal sludge (grinding, honing and lapping sludge) containing oil.
12 01 19*	Readily biodegradable machining oil.
12 01 20*	Spent grinding bodies and grinding materials containing dangerous substances.
12 01 21	Spent grinding bodies and grinding materials other than those mentioned in 12 01 20.
12 01 99	Wastes not otherwise specified.
12 03 01*	Aqueous washing liquids.
12 03 02*	Steam degreasing wastes.

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 oil.
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.
13 03 01*	Insulating or heat transmission oils containing PCBs.
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 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 06*	Oil from oil/water separators.
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.
14 06 02*	Other halogenated solvents and solvent mixtures.
14 06 03*	Other solvents and solvent mixtures.
14 06 04*	Sludges or solid wastes containing halogenated solvents.
14 06 05*	Sludges or solid wastes containing other solvents.
15 01 01	<i>Paper and cardboard packaging.</i>
15 01 02	<i>Plastic packaging.</i>
15 01 03	<i>Wood packaging.</i>
15 01 05	<i>Composite packaging.</i>
15 01 06	<i>Mixed packaging.</i>

15 01 09	<i>Textile packaging.</i>
15 01 10*	<i>Packaging containing or contaminated by waste of hazardous substances.</i>
15 02 02*	Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances.
15 02 03	Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02.
16 01 12	<i>Brake pads other than those mentioned in 16 01 11.</i>
16 01 13*	Brake fluids.
16 01 14*	Antifreeze fluids containing dangerous substances.
16 01 15	Antifreeze fluids other than those mentioned in 16 01 14.
16 01 19	<i>Plastic.</i>
16 01 99	<i>Wastes not otherwise specified.</i>
16 02 09*	<i>Transformers and capacitors containing PCBs.</i>
16 03 03*	Inorganic wastes containing dangerous substances.
16 03 04	Inorganic wastes other than those mentioned in 16 03 03.
16 03 05*	Organic wastes containing dangerous substances.
16 03 06	Organic wastes other than those mentioned in 16 03 05.
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.
16 05 09	Discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08.
16 06 06*	Separately collected electrolyte from batteries and accumulators.
16 07 08*	Wastes containing oil.
16 07 09*	Wastes containing other dangerous substances.
16 07 99	Wastes not otherwise specified.
16 08 02*	Spent catalysts containing dangerous transition metals (3) or dangerous transition metal compounds.
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).
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.
16 09 01*	Permanganates, e.g. potassium permanganate.
16 09 02*	Chromates, e.g. potassium chromate, potassium or sodium dichromate.
16 09 03*	Peroxides, e.g. hydrogen peroxide.
16 09 04*	Oxidising substances, not otherwise specified.
16 10 01*	Aqueous liquid wastes containing dangerous substances.

16 10 02	Aqueous liquid wastes other than those mentioned in 16 10 01.
16 10 03*	Aqueous concentrates containing dangerous substances.
16 10 04	Aqueous concentrates other than those mentioned in 16 10 03.
16 11 01*	Carbon-based linings and refractories from metallurgical processes containing dangerous substances.
16 11 02	Carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01.
16 11 03*	Other linings and refractories from metallurgical processes containing dangerous substances.
16 11 04	Other linings and refractories from metallurgical processes other than those mentioned in 16 11 03.
16 11 05*	Linings and refractories from non-metallurgical processes containing dangerous substances.
16 11 06	Linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05.
17 01 06*	Mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances.
17 01 07	Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06.
17 02 01	<i>Wood.</i>
17 02 03	<i>Plastic.</i>
17 02 04*	Glass, plastic and wood containing or contaminated with dangerous substances.
17 03 01*	Bituminous mixtures containing coal tar.
17 03 02	Bituminous mixtures other than those mentioned in 17 03 01.
17 03 03*	Coal tar and tarred products.
17 05 03*	Soil and stones containing dangerous substances.
17 05 04	Soil and stones other than those mentioned in 17 05 03.
17 05 05*	Dredging spoil containing dangerous substances.
17 05 06	Dredging spoil other than those mentioned in 17 05 05.
17 05 07*	<i>Track ballast containing dangerous substances.</i>
17 05 08	<i>Track ballast other than those mentioned in 17 05 07.</i>
17 09 03*	<i>Other construction and demolition wastes (including mixed wastes) containing dangerous substances.</i>
17 09 04	Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03.
18 01 06*	Chemicals consisting of or containing dangerous substances.
18 01 07	Chemicals other than those mentioned in 18 01 06.
18 01 09 -	Medicines other than those mentioned in 18 01 08.
18 02 05*	Chemicals consisting of or containing dangerous substances.
18 02 06	Chemicals other than those mentioned in 18 02 05.
18 02 08	Medicines other than those mentioned in 18 02 07.
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 10*	Spent activated carbon from flue-gas treatment.
19 01 11*	Bottom ash and slag containing dangerous substances.
19 01 12	Bottom ash and slag other than those mentioned in 19 01 11.
19 01 13*	Fly ash containing dangerous substances.
19 01 14	Fly ash other than those mentioned in 19 01 13.
19 01 15*	Boiler dust containing dangerous substances.
19 01 16	Boiler dust other than those mentioned in 19 01 15.
19 01 17*	Pyrolysis wastes containing dangerous substances.
19 01 18	Pyrolysis wastes other than those mentioned in 19 01 17.
19 01 19	Sands from fluidised beds.
19 01 99	Wastes not otherwise specified.
19 02 03	Premixed wastes composed only of non-hazardous wastes.
19 02 04*	Premixed wastes composed of at least one hazardous waste.
19 02 05*	Sludges from physico/chemical treatment containing dangerous substances.
19 02 06	Sludges from physico/chemical treatment other than those mentioned in 19 02 05.
19 02 07*	Oil and concentrates from separation.
19 02 08*	Liquid combustible wastes containing dangerous substances.
19 02 09*	<i>Solid combustible wastes containing dangerous substances.</i>
19 02 10	<i>Combustible wastes other than those mentioned in 19 02 08 and 19 02 09.</i>
19 02 11*	Other wastes containing dangerous substances.
19 02 99	Wastes not otherwise specified.
19 03 04*	<i>Wastes marked as hazardous, partly stabilised (6).</i>
19 03 05	<i>Stabilised wastes other than those mentioned in 19 03 04.</i>
19 03 06*	<i>Wastes marked as hazardous, solidified.</i>
19 03 07	<i>Solidified wastes other than those mentioned in 19 03 06.</i>
19 04 02*	Fly ash and other flue-gas treatment wastes.
19 04 03*	Non-vitrified solid phase.
19 04 04	<i>Aqueous liquid wastes from vitrified waste tempering.</i>
19 05 01	<i>Non-composted fraction of municipal and similar wastes.</i>
19 05 02	<i>Non-composted fraction of animal and vegetable waste.</i>
19 05 03	<i>Compound off-specification.</i>
19 05 99	<i>Wastes not otherwise specified.</i>
19 06 03	Liquor from anaerobic treatment of municipal waste.
19 06 04	<i>Digestate from anaerobic treatment of municipal waste.</i>
19 06 05	Liquor from anaerobic treatment of animal and vegetable waste.
19 06 06	<i>Digestate from anaerobic treatment of animal and vegetable waste.</i>
19 06 99	<i>Wastes not otherwise specified.</i>
19 07 02*	Landfill leachate containing dangerous substances.
19 07 03	Landfill leachate other than those mentioned in 19 07 02.

19 08 01	<i>Screenings.</i>
19 08 02	<i>Waste from desanding.</i>
19 08 05	<i>Sludges from treatment of urban waste water.</i>
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 08 09	<i>Grease and oil mixture from oil/water separation, composed only of edible oil and fat.</i>
19 0810*	<i>Grease and oil mixture from oil/water separation other than those mentioned in 19 08 09.</i>
19 08 11*	Sludges containing dangerous substances from biological treatment of industrial waste water.
19 0812	Sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 08 13*	Sludges containing dangerous substances from other treatment of industrial waste water.
19 08 14	Sludges from other treatment of industrial waste water other than those mentioned in 19 08 13.
19 08 99	Wastes not otherwise specified.
19 09 01	<i>Solid waste from primary filtration and screenings.</i>
19 09 02	<i>Sludges from water clarification.</i>
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.
19 09 99	Wastes not otherwise specified.
19 10 02	Non-ferrous waste.
19 10 03*	Fluff-light fraction and dust containing dangerous substances.
19 10 04	Fluff-light fraction and dust other than those mentioned in 19 10 03.
19 10 05*	Other fractions containing dangerous substances.
19 10 06	Other fractions other than those mentioned in 19 10 05.
19 1101*	Spent filter clays.
19 11 02*	Acid tars.
19 11 03*	Aqueous liquid wastes,.
19 11 04*	Wastes from cleaning of fuels with bases.
19 11 05*	Sludges from on-site effluent treatment containing dangerous substances.
19 11 06	Sludges from on-site effluent treatment other than those mentioned in 19 11 05. '
19 11 07*	Wastes from flue-gas cleaning.
19 11 99	Wastes not otherwise specified.
19 12 01	<i>Paper and cardboard.</i>
19 12 04	<i>Plastic and rubber.</i>
19 12 06*	<i>Wood containing dangerous substances.</i>
19 12 07	<i>Wood other than that mentioned in 19 12 06.</i>

19 12 08	<i>Textiles.</i>
19 12 10	<i>Combustible waste (refuse derived fuel).</i>
19 12 11*	<i>Other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances.</i>
19 12 12	<i>Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 1912 11.</i>
19 13 01*	<i>Solid wastes from soil remediation containing dangerous substances.</i>
19 13 02	<i>Solid wastes from soil remediation other than those mentioned in 19 13 01.</i>
19 13 03*	<i>Sludges from soil remediation containing dangerous substances.</i>
19 13 04	<i>Sludges from soil remediation other than those mentioned in 19 13 03.</i>
19 13 05*	<i>Sludges from groundwater remediation containing dangerous substances.</i>
19 13 06	<i>Sludges from groundwater remediation other than those mentioned in 19 13 05.</i>
19 13 07*	<i>Aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances.</i>
19 13 08	<i>Aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07.</i>
20 01 01	<i>Paper and cardboard.</i>
20 01 08	<i>Biodegradable kitchen and canteen waste.</i>
20 01 10	<i>Clothes.</i>
20 01 11	<i>Textiles.</i>
20 01 13*	<i>Solvents.</i>
20 01 14*	<i>Acids.</i>
20 01 15*	<i>Alkalines.</i>
20 01 17*	<i>Photochemicals.</i>
20 01 25	<i>Edible oil and fat.</i>
20 01 26*	<i>Oil and fat other than those mentioned in 20 01 25.</i>
20 01 27*	<i>Paint, inks, adhesives and resins containing dangerous substances.</i>
20 01 28	<i>Paint, inks, adhesives and resins other than those mentioned in 20 01 27.</i>
20 01 29*	<i>Detergents containing dangerous substances.</i>
20 01 30	<i>Detergents other than those mentioned in 20 0129.</i>
20 01 32	<i>Medicines other than those mentioned in 20 0131.</i>
20 01 37*	<i>Wood containing dangerous substances.</i>
20 01 38	<i>Wood other than that mentioned in 20 01 37.</i>
2001 39	<i>Plastics.</i>
20 01 41	<i>Wastes from chimney sweeping.</i>
20 01 99	<i>Other fractions not otherwise specified.</i>
20 02 01	<i>Biodegradable waste.</i>
20 02 03	<i>Other non-biodegradable wastes.</i>
20 03 01	<i>Mixed municipal waste.</i>
20 03 02	<i>Waste from markets.</i>
20 03 03	<i>Street cleaning residues.</i>

20 03 06	Waste from sewage cleaning.
20 03 04	Septic tank sludge.
20 03 99	Municipal wastes not otherwise specified.

Note: CIRVER facilities can only receive and treat urban waste from producers who produce over 1,100 litres/day of urban waste.

The organic waste treatment also recycles the energy of ground olive stone waste (LoW 02 03 04 - materials unsuitable for consumption or processing) in the biomass boiler that forms part of the unit.

5. Amendments to the compulsory daily covering of waste deposited in the landfill

In point 3.1.2-General operating conditions, of the Environmental License, the paragraph: "The daily covering of the waste deposited in the landfill shall be carried out with layers of earth between 0.15 m and 0.20 m thick."

Shall be replaced by: "As the waste deposited in the landfill has been previously pre-treated or stabilised, thereby not releasing any odours or constituting food for the local fauna, it is not considered to be mandatory to cover it on a daily basis; the operator must cover it with the frequency it deems necessary. Should the characteristics of the waste change, and they no longer have inert characteristics, the frequency of the covering should go back to being daily with earth between 0.15m and 0.20 m thick."

6. Use of pellets

Point 3.1.3.2 Energy, of the Environmental License, shall now read as follows:

"The facility uses electricity from the public grid and has an estimated average annual consumption of around 3,125,608 kWh (906.43 Tep¹).

The facility has a biomass boiler with a thermal power of 1.75 MWt and a maximum biomass consumption of 3,285 tonnes/year (365 days, 24 hours), to heat the water needed for the thermal evapo-condensation and centrifugation processes in the organic waste treatment unit.

¹ Toe - Tonnes of oil equivalent. The following conversion factors appearing in dispatches from the DGE (*Direcção-Geral de Energia* - Directorate General of Energy), published in D.R. no. 98, II Series from 1983.04.29, and in D.R. no. 34, II Series from 2002.02.09 (Dispatch no. 3157/2002) were used for converting energy unit.

The facilities have the capacity to store 55 tonnes of biomass, with an annual estimated consumption of around 1,256 tonnes.

In the above-mentioned boiler, pellets from forest biomass are also used as fuel, this product not being considered a waste in the light of Decree-Law no. 178/2006, of 5 September, amended and republished through Decree-Law no. 73/2011, of 17 June.

The facilities also have a tank for storing diesel, with a capacity of 30 m³.

This fuel is used in situations where there is a lack of biomass supply.

Diesel is used as fuel for mobile equipment, stored in a tank with a capacity of 30 m³.

A summary report of average monthly consumptions of electrical power, biomass and diesel, if applicable, must form an integral part of the AER."

7. Change to the frequency of monitoring atmospheric emissions

In point 4.5.1-Control of atmospheric emissions, of the Environmental License, the text "The control of emission of gases from the landfill into the atmosphere shall be carried out in accordance with that specified in Annex II, Table II.7, of this license."

Shall be replaced by: *"Due to the type of waste deposited and the fact that it is previously pre-treated or stabilised before being deposited in the landfill, it is not mandatory to capture and monitor the emission of gases from the landfill during the operating phase and the maintenance phase after closure."*

The text of the same point:

"The operator is responsible for the following regarding the landfill:

- a) ensuring that good waste management and handling practices are applied while operating the landfill, such as to minimise the occurrence of odours and dust and the consequential appearance of birds and rodents in the vicinity;
- b) performing monthly control measurements of the following pollutants in the leachate drainage network shafts inside the cell: CH₄, CO₂ and O₂, as well as atmospheric pressure;"

Shall be replaced by:

"The operator is responsible for the following regarding the landfill:

- a) ensuring that good waste management and handling practices are applied while operating the landfill, such as to minimise the occurrence of odours and dust and the consequential appearance of birds and rodents in the vicinity."

Point 1-Monitoring of atmospheric emissions, of annex II, of the Environmental License, shall now read as follows:

ANNEX II - Monitoring of emissions from the facilities and VLE

1. Monitoring of atmospheric emissions

Table II.1 - Monitoring and VLE of sources FF4, FF5, and FF6

Parameter	VLE (1) in mg/Nm ³	Monitoring frequency
Volatile organic compounds (VOC)	50	<i>Once a year</i>

(1) All VLEs refer to the characteristic O₂ content of the process and dry gas in gaseous discharge;

Table II.2 - Monitoring and VLE of source FF10

Parameter	VLE ⁽¹⁾ in mg/Nm ³	Monitoring frequency
Particles	20	<i>Once a year</i>

(1) All VLEs refer to the characteristic O₂ content of the process and dry gas in gaseous discharge;

Table II.3 - Monitoring and VLE of sources FF11 and FF12

Parameter	VLE (1) in mg/Nm ³	Monitoring frequency
Chlorinated inorganic compounds, expressed as CIC	250	<i>Once a year</i>

(1) All VLEs refer to the characteristic O₂ content of the process and dry gas in gaseous discharge;

Table II.4 - Monitoring and ELV of source FF14

Parameter	VLE ⁽¹⁾ in mg/Nm ³	Monitoring frequency
Volatile organic compounds (VOC)	50	<i>Twice in each civil year, with a minimum interval of two months between measurements</i>
Nitrogen oxides (NO _x), expressed as NO ₂	1500	
Carbon monoxide (CO)	1000	
Particles	300	
Sulphur dioxide (SO ₂)	500	

(1) All VLEs refer to the characteristic O₂ content of the process and dry gas in gaseous discharge;

8. Change of the technician responsible for checking and signing documentation

Point 6- Records, documentation and training, of the Environmental License, shall now read as follows:

"The operator must:

- Record all sampling operations, analyses, measurements and examinations performed in accordance with the requirements of this licence;
- Record all occurrences that affect the normal operation of the activity and that may represent an environmental risk;
- Draw up in writing all instructions related to operation, for all staff whose tasks are related to this licence, in order to transmit knowledge of the importance of the tasks and the responsibilities of each person to comply with the environmental licence and its updates.

The operator must also put procedures in place to provide adequate training to all staff whose tasks are related to this licence;

- Record all complaints of an environmental nature related to the activity's operations. Each of these records must specify details of the date, time, nature of the complaint and the complainant's name. A record of the reply to each complaint must also be kept. The operator must send a report to CCDR within one month following the complaint, providing details of the reasons that led to the complaint. A summary of the number and nature of complaints received must be included in the AER.

Reports of all records, sampling, analyses, measurements and exams must be checked and signed by the *technician responsible* and kept in an organised duly up-to-date filing system.

All reports must be conserved at the facilities for a period of no less than 5 years, and must be made available for inspection whenever necessary."