MAYOR OF THE CITY
OF SIEMIANOWICE ŚLĄSKIE

Siemianowice Śląskie, 27 May 2013

IR-OS.6233.28.2013

DECISION

By virtue of:

- Art. 104 § 1 of the Act of 14 June 1960 Administrative Procedure Code (*consolidated text of 2000, Journal of Laws No. 98, item 1071 as amended*),
- Art.180, point 3, Art. 180a, Art. 181, paragraph 1, point 4, Art. 188 and Art. 378, paragraph 1 of the Act of 27 April 2001 Environmental Protection Law (*consolidated text of 2008, Journal of Laws No. 25, item 1071 as amended*),
- Art. 41, paragraph 1, paragraph 2, paragraph 3, point 2, paragraph 5, Art. 43, Art. 44 and Art. 45 paragraph 6 and paragraph 7 of the Act on Waste of 14 December 2012 (*Journal of Laws of 2012, item 21*),

at the request of Mr. Leszek Kamiński, owner of P.P.B.U.H. "EURO-EKO-POL" acting under the authorization of AMS Metal Sp. z o.o., having their registered seat at ul. Chemiczna 5, 41-100 Siemianowice Śląskie regarding the issuance of an authorization to produce waste including the operations of recovery, collection and transport of waste I hereby

rule

to repeal the decision of 25 August 2003 (OŚ/II/7017//1a/85/56/D/2003) to authorize AMS Metal Sp. z o.o. to produce waste in connection with the business conducted which covers the recovery, collection and transport of waste and,
to authorize the entity of AMS Metal Sp. z o.o. having their registered seat at ul. Chemiczna 5, 41-100 Siemianowice Śląskie, Tax Identification Number [*NIP*]: 954-21-84-449, National Business Registry Number [*REGON*]: 273708894, National Court register No. [*KRS*]: 0000081402 to produce waste including the operations of recovery, collection and transport of waste.

I. Address of the plant in the premises of which the installation is operated (including waste collection and processing):

The installation is operated in the premises of the plant of AMS METAL Sp. z o.o., located at 41-100 Siemianowice Śląskie, ul. Chemiczna 5, within an industrial area (plots of the following registration numbers: 981/61, 1073/10, 1126/10).

II. Nature of the business and type of the installation covered by the authorization:

The business of AMS METAL sp. z o.o. covers the management of non-ferrous waste (mainly aluminium) and ferrous waste involving collection, initial sorting, packaging and sale of the product to foundries or steel plants:

The following independent installations are located within the premises of the plant

1. Skimming milling plant where the recovery using R11 method is conducted, the plant being composed of three STEINLEIN & KUNZE ball mills and two tumbling barrels,
2. Foundry, where the recovery using R4 method is conducted, the foundry including two foundry furnaces, PIT-3000 induction furnace and PO 3000 rotary furnace,
3. Waste packaging system, where the recovery using R12 method is conducted, composed of:
   a. OVAP 800/25 magnetic separator, two belt conveyors and a hydraulic press located inside the can processing building
   b. Shredder including equipment (with pressing function) made by Hydromega Sp. z o.o., Gdynia, located inside the warehouse No. 3

c. Hydraulic press for non-ferrous metals, Italian briquetting machine SYPER METALBRICK, briquetting machine type RB 15/3000/80 and a packaging machine located inside the packaging building
d. Presses for chromium, mobile crane, located in the store yard No. 2,
e. Drum screen to separate fine fraction.

III. Type and quantity of waste to be produced within one year including basic chemical composition and properties thereof and the source of origin:

Item	Waste Code	Waste Type	Quantity [t/y]	Source of origin	Waste characteristics, chemical composition and properties
1	10 03 08*	Salt slags from secondary production	8,000.0	Waste is produced in the aluminium smelting process in a rotary furnace as a result of adding salt and aluminium slag and MONTANAL (containing potassium chloride, sodium chloride and other additional salts)	Waste produced during tapping from the rotary furnace, containing aluminium residues, potassium chlorides and sodium chlorides.
2	10 03 21*	Other particulates and dust (including ball-mill dust) containing dangerous substances	400.0	Particulates and dust produced as a result of the operation of the waste gas treatment system (cyclone and jet filter)	Particulates and dust produced during treatment of waste gas from two foundry furnaces.
3	13 02 05*	Mineral-based non-chlorinated engine, gear and lubricating oils	10.0	Waste is produced as a result of change of aged and used oils from machines and equipment operated in the plant.	The waste includes aged and used oils from hydraulic systems of machines and equipment operated in the plant. The oils contain polycyclic aromatic hydrocarbons, metals and mechanical impurities which get into oil during operation.
4	13 02 08*	Other engine, gear and lubricating oils	15.0	Waste is produced as a result of change of aged and used oils from machines and equipment operated in the plant.	
5	15 01 10*	Packaging containing residues of or contaminated by dangerous substances (e.g. pesticides of the toxicity class I and II - most and moderately toxic)	10.0	Waste is produced while emptying the container containing hazardous substances such as: oils, greases, paints etc.	Packagings containing residues of hazardous substances (oils, greases, paints, solvents etc.). They may contain residues of petroleum derivatives, acids or bases.
6	15 02 02*	Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, (e.g. rags, cloths) and protective clothing contaminated by dangerous substances (e.g. PCB)	5.0	Waste is produced after spilled hazardous substances are absorbed or the waste are clothing, protective gloves etc. contaminated with hazardous substances.	Wiping and cleaning clothes, protective clothing, filter materials, absorbents contaminated by dangerous substances. The waste contains mainly the fabric or absorbent contaminated with hazardous substances e.g. rags oiled or contaminated with grease residues, paint residues etc.

Item	Waste Code	Waste Type	Quantity [t/y]	Source of origin	Waste characteristics, chemical composition and properties
7	16 02 13*	Discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12	0.5	The waste is produced as a result replacement of faulty lamps in rooms lit by discharge lamps (fluorescent lamps) or replacement of electronic equipment.	Waste light source - discharge lamps (fluorescent lamps). According to the design the discharge lamps contain from 70 to 15 mg Hg/piece. Mercury and mercury compounds show high chemical and biological activity. Components saturated with mercury include luminophor, contaminated metal parts and filaments of high pressure lamps.
8	16 06 01*	Lead batteries	25,0	The waste is produced as a result of removal of worn battery from a machine being repaired or disassembled.	Waste machine and equipment batteries.

IV. Type and quantity of waste other than hazardous waste to be produced within one year including basic chemical composition and properties thereof and the source of origin:

Item	Waste Code	Waste Type	Quantity [t/y]	Source of origin	Waste characteristics, chemical composition and properties
1	02 01 10	Waste metal	1,000.0	Waste produced in the waste sorting, pressing and packaging line.	Waste in the form of ferrous and non-ferrous metal
2	08 01 99	Wastes not otherwise specified	3,000.0	Waste produced as a result of sorting and packaging in the waste sorting, pressing and packaging line.	Offset printing plate made of aluminium.
3	08 03 99	Wastes not otherwise specified	3,000.0	Waste produced as a result of sorting and packaging in the waste sorting, pressing and packaging line.	Offset printing plate made of aluminium.
4	10 01 01	Bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)	10.0	Waste is produced as a result of incinerating eco-pea coal in the plant boiler house.	Bottom ash, slag and boiler dust.
5	10 03 16	Skimming other than those mentioned in 10 03 15	3,000.0	Waste is produced in the furnaces as a result of aluminium and aluminium alloys smelting.	Waste from aluminium smelting process in an induction furnace - waste from foam smelting containing aluminium and oxides.

Item	Waste Code	Waste Type	Quantity [t/y]	Source of origin	Waste characteristics, chemical composition and properties
6	10 10 03	Furnace slag	3,000.0	Waste is produced in the furnaces as a result of aluminium and aluminium alloy smelting process.	Waste from aluminium smelting process in an induction furnace - slag containing aluminium and oxides.
7	10 10 08	Casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07	20.0	Waste is produced as a result of replacement of worn out or damaged casting moulds with new ones.	Worn out cast iron casting moulds.
8	12 01 03	Non-ferrous metal filings and turnings	3,000.0	Waste is produced as a result of segregation and packaging in the waste sorting, pressing and packaging installation.	Waste produced as a result of turning and filing non-ferrous metals in the form of small particles or chips.
9	12 01 04	Non-ferrous metal dust and particles	3,000.0	Waste is produced as a result of segregation and packaging in the waste sorting, pressing and packaging installation.	Waste produced as a result of turning and filing non-ferrous metals in the form finer than that mentioned in 12 01 03.
10	15 01 04	Metallic packaging	15,000.0	Waste is produced as a result of segregation and packaging in the waste sorting, pressing and packaging installation.	Aluminium and steel cans.
11	16 01 17	Ferrous metal	1,000.0	Waste is produced as a result of segregation and packaging in the waste sorting, pressing and packaging installation.	Ferrous waste from machines, equipment or vehicles.
12	16 01 18	Non-ferrous metal	10,000.0	Waste is produced as a result of segregation and packaging in the waste sorting, pressing and packaging installation.	Non-ferrous waste from machines, equipment or vehicles, mainly aluminium wheels.
13	17 04 01	Copper, bronze, brass	6,000.0	Waste is produced as a result of segregation and packaging in the waste sorting, pressing and packaging installation.	Waste in the form of copper, bronze or brass - parts of fittings e.g. door handles, bars, pipes dismantled during demolitions or renovations.
14	17 04 02	Aluminium	40,000.0	Waste is produced as a result of segregation and packaging in the waste sorting, pressing and packaging installation.	Waste in the form of aluminium produced during demolitions or renovations. e.g. window frames, aluminium profiles.
15	17 04 03	Lead	6,000.0	Waste is produced as a result of segregation and packaging in the waste sorting, pressing and packaging installation.	Waste in the form of lead produced during demolitions or renovations.

Item	Waste Code	Waste Type	Quantity [t/y]	Source of origin	Waste characteristics, chemical composition and properties
16	17 04 04	Zinc	2,000.0	Waste is produced as a result of segregation and packaging in the waste sorting, pressing and packaging installation.	Waste in the form of zinc parts produced during demolitions or renovations.
17	17 04 05	Iron and steel	12,000.0	Waste is produced as a result of segregation and packaging in the waste sorting, pressing and packaging installation.	Iron and steel waste are mainly dismantled structural parts of buildings, handrails, balustrades etc.
18	17 04 06	Tin	100.0	Waste is produced as a result of segregation and packaging in the waste sorting, pressing and packaging installation.	Tin waste produced during demolitions or renovations.
19	17 04 11	Cables other than those mentioned in 17 04 10	7,500.0	Waste is produced as a result of segregation and packaging in the waste sorting, pressing and packaging installation.	Waste in the form of aluminium cables.
20	19 10 01	Iron and steel waste	950.0	Waste is produced as a result of milling the skimming.	Post-production waste in the form of granulated iron separated using a magnetic separator after milling the aluminium skimming.
21	19 10 02	Non-ferrous waste	3,000.0	Waste is produced as a result of milling the skimming.	Granulated aluminium produced in the process of milling the skimming.
22	19 10 04	Fluff-light fraction and dust other than those mentioned in 19 10 03	50.0	Waste is produced as a result of milling the skimming.	Waste in the form of dust produced in the process of milling the skimming and in the tumbling barrels.
23	19 12 01	Paper and cardboard	50.0	Waste is produced as a result of aluminium segregation.	Sorting waste in the form of paper parts and residues.
24	19 12 02	Ferrous metal	200.0	Waste is produced as a result of aluminium segregation.	Sorting waste in the form of ferrous metal parts and residues.
25	19 12 03	Non-ferrous metal	300.0	Waste is produced as a result of aluminium segregation.	Sorting waste in the form of non-ferrous metal parts and residues.
26	19 12 04	Plastic and rubber	100.0	Waste is produced as a result of aluminium segregation.	Sorting waste in the form of plastic and rubber parts.
27	19 12 07	Wood other than that mentioned in 19 12 06	50.0	Waste is produced as a result of aluminium segregation.	Sorting waste in the form of wooden parts and wood residues.

Item	Waste Code	Waste Type	Quantity [t/y]	Source of origin	Waste characteristics, chemical composition and properties
28	19 12 09	Minerals (for example sand, stones)	300.0	Waste is produced after separating metal from contaminants in the separator (screen)	Post-production waste in the form of sand and stones - light fraction from the separation process in the separator.
29	19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	300.0	Waste is produced as a result of aluminium segregation.	Post-production waste in the form of bottle caps, can parts etc.

V. Storage place and method and description of further management of hazardous waste:

Item	Waste Code	Waste Type	Storage place and method	Description of further management of hazardous waste
1	10 03 08*	Salt slags from secondary production	Waste shall be temporarily stored in big-bags placed on hard floor in a separated area of the warehouse No. 3. The place of storage shall be secured from access of third parties, adverse impact on the environment and shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. Then the waste shall be subjected to R11 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
2	10 03 21*	Other particulates and dust (including ball-mill dust) containing dangerous substances	Waste shall be temporarily stored in big-bags placed on hard floor in a separated area of the warehouse No. 3. The place of storage shall be secured from access of third parties, adverse impact on the environment and shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. Then the waste shall be subjected to R11 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
3	13 02 05*	Mineral-based non-chlorinated engine, gear and lubricating oils	Waste shall be temporarily stored in tight, closed steel drums (slow-burning, resistant to waste oil, able to discharge static electricity, protected from breaking). The drums shall be stored on hard floor in a lockable room protected from precipitation and access of third parties (warehouse No. 5). The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. Then the waste shall be subjected to R9 or R11 recovery process. Where the recovery is not possible the waste shall be subjected to D10 or D5 neutralization process.
4	13 02 08*	Other engine, gear and lubricating oils		

Item	Waste Code	Waste Type	Storage place and method	Description of further management of hazardous waste
5	15 01 10*	Packaging containing residues of or contaminated by dangerous substances (e.g. pesticides of the toxicity class I and II - most and moderately toxic)	Waste shall be temporarily stored in tight, closed containers on hard floor in a lockable room protected from soil contamination, precipitation and access of third parties tight (warehouse No. 5). The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. Then the waste shall be subjected to R4, R5 or R11 recovery process. Where the recovery is not possible the waste shall be subjected to D10 or D5 neutralization process.
6	15 02 02*	Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances (e.g. PCB)	Waste shall be temporarily stored in tight, closed containers on hard floor in a lockable room protected from soil contamination, precipitation and access of third parties tight (warehouse No. 5). The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. Then the waste shall be subjected to R5 or R11 recovery process. Where the recovery is not possible the waste shall be subjected to D10 or D5 neutralization process.
7	16 02 13*	Discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12	Waste shall be temporarily stored in tight, closed containers on hard floor in a lockable room protected from soil contamination, precipitation and access of third parties tight (warehouse No. 5). The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. Then the waste shall be subjected to R5 or R11 recovery process. Where the recovery is not possible the waste shall be subjected to D10 or D5 neutralization process.
8	16 06 01*	Lead batteries	Waste shall be temporarily stored in tight, closed containers on hard floor in a lockable room protected from soil contamination, precipitation and access of third parties tight (warehouse No. 5). The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. Then the waste shall be subjected to R5, R6 or R11 recovery process. Where the recovery is not possible the waste shall be subjected to D10 or D5 neutralization process.

VI. Storage place and method and description of further management of waste other than hazardous waste:

Item	Waste Code	Waste Type	Storage place and method	Description of further management of hazardous waste
1	02 01 10	Waste metal	Waste shall be stored in bulk or in packages on hard floor in the store yard No. 1. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. Then the waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
2	08 01 99	Wastes not otherwise specified	Waste shall be stored in bulk or in packages on hard floor in the store yard No. 1. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. Then the waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
3	08 03 99	Wastes not otherwise specified	Waste shall be stored in bulk or in packages on hard floor in the store yard No. 1. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. Then the waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
4	10 01 01	Bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)	Waste shall be stored in boiler house rooms, in a container or in bulk on hard floor next to the boiler house. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. Then the waste shall be subjected to R11 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
5	10 03 16	Skimming other than those mentioned in 10 03 15	Waste shall be inside boxes in the foundry bay. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. Then the waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.

Item	Waste Code	Waste Type	Storage place and method	Description of further management of hazardous waste
6	10 10 03	Furnace slag	Waste shall be inside boxes in the foundry bay. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. Then the waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 or D 10 neutralization process.
7	10 10 08	Casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07	Waste shall be stored in bulk in the yard next to the warehouse No. 4. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 or D10 neutralization process.
8	12 01 03	Non-ferrous metal filings and turnings	Waste shall be stored in packages on hard floor in the building of the waste packaging and pressing plant. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
9	12 01 04	Non-ferrous metal dust and particles	Waste shall be stored in packages on hard floor in the building of the waste packaging and pressing plant. The place of storage shall be marked with a plate including waste code and name	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
10	15 01 04	Metallic packaging	Waste shall be stored in bulk or in packages next to or inside the building of the aluminium can pressing plant, inside the warehouse No. 1 (cans) or in the building of the waste pressing and packaging plant (packaging film). The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.

Item	Waste Code	Waste Type	Storage place and method	Description of further management of hazardous waste
11	16 01 17	Ferrous metal	Waste shall be stored in bulk or in packages on hard floor in the store yard No. 1. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
12	16 01 18	Non-ferrous metal	Waste shall be stored in bulk or in packages on hard floor in the store yard No. 2. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
13	17 04 01	Copper, bronze, brass	Waste shall be stored in bulk or in packages on hard floor in the store yard No. 1. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
14	17 04 02	Aluminium	Waste shall be stored in bulk or in packages on hard floor in the store yard No. 1 and in the building of the waste packaging and pressing plant. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
15	17 04 03	Lead	Waste shall be stored in bulk on hard floor in the store yard No. 1. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.

Item	Waste Code	Waste Type	Storage place and method	Description of further management of hazardous waste
16	17 04 04	Zinc	Waste shall be stored in bulk or in packages on hard floor in the store yard No. 1. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
17	17 04 05	Iron and steel	Waste shall be stored in bulk or in packages on hard floor in the store yard No. 1. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
18	17 04 06	Tin	Waste shall be stored in bulk or in packages on hard floor in the store yard No. 1. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
19	17 04 11	Cables other than those mentioned in 17 04 10	Waste shall be stored in bulk or in packages on hard floor in the store yard No. 1. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
20	19 10 01	Iron and steel waste	Waste shall be stored in the vicinity of the skimming processing building. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 or D10 neutralization process.

Item	Waste Code	Waste Type	Storage place and method	Description of further management of hazardous waste
21	19 10 02	Non-ferrous waste	Waste shall be stored inside the skimming processing building. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 or D10 neutralization process.
22	19 10 04	Fluff-light fraction and dust other than those mentioned in 19 10 03	Waste shall be stored inside the skimming processing building. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 or D10 neutralization process.
23	19 12 01	Paper and cardboard	Waste shall be stored in a container or in bulk in the yard next to the warehouse No. 4. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R1, R3, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 or D10 neutralization process.
24	19 12 02	Ferrous metal	Waste shall be stored in a container or in bulk in the yard next to the warehouse No. 4. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 or D10 neutralization process.
25	19 12 03	Non-ferrous metal	Waste shall be stored in a container or in bulk in the yard next to the warehouse No. 4. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R4, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 or D10 neutralization process.

Item	Waste Code	Waste Type	Storage place and method	Description of further management of hazardous waste
26	19 12 04	Plastic and rubber	Waste shall be stored in a container or in bulk in the yard next to the warehouse No. 4. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R1, R5, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 or D10 neutralization process.
27	19 12 07	Wood other than that mentioned in 19 12 06	Waste shall be stored in a container or in bulk in the yard next to the warehouse No. 4. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R1, R3, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 or D10 neutralization process.
28	19 12 09	Minerals (for example sand, stones)	Waste shall be stored in a container (big-bag) or in bulk in the yard next to the warehouse No. 4. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R5, R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 neutralization process.
29	19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	Waste shall be stored in a container (big-bag) or in bulk in the yard next to the warehouse No. 4. The place of storage shall be marked with a plate including waste code and name.	Once the pre-defined quantity of waste is collected the waste is transferred to a collector holding the appropriate authorizations to collect, transport or process the waste. The waste shall be subjected to R11 or R12 recovery process. Where the recovery is not possible the waste shall be subjected to D5 or D10 neutralization process.

5. Mayor of the city of Siemianowice Śląskie
6. OS.RW
7. Marshal's Office - register of decisions
8. Cz.OS.PZ - file

By virtue of Art. 6, section 1, point 1 of the Act on Stamp Duty of 16 November 2006 (Journal of Laws of 2006, No. 225, item 1635) the following fees were charged: stamp duty for the issuance of this decision amounting to PLN 506.00 (say: five hundred and six zloty) in a non-cash form by bank transfer effected on 15 April 2013, stamp duty for the letter of attorney in the amount of PLN 17.00 (say: seventeen zloty), in a non-cash form by bank transfer effected on 15 April 2013, stamp duty for the acceptance of the notification of the installation required according to the environmental protection regulations in the amount of PLN 120 PLN (say: one hundred twenty zloty) in a non-cash form by bank transfer effected on 3 July 2013 and stamp duty for acting as a proxy when submitting the notification about the installation in the amount of PLN 17.00 (say: seventeen zloty) in a non-cash form by bank transfer effected on 15 April 2013 effected to the bank account of the Municipality of Katowice, ING Bank Śląski S.A. No. 46 1050 0099 5593 0211 1111 1111 (copies of bank transfer confirmation are attached to the file).

IX. Detailed description of the waste processing method employed:

Waste is processed in the plant using independent installations with the maximum annual capacities of:

- Skimming milling plant: 4,000 t/y
- Aluminium foundry: 7,000 t/y
- Waste packaging system 127,600 t/y

1. Skimming milling plant. Waste is recovered using R11 method, the plant being composed of three STEINLEIN & KUNZE ball mills where the skimming is broken up to a form which can be used in a metallurgical process (metallic fraction > 2.5 mm - to be sold or used for in-house production purposes) or to a form which can be further processed (metal recovery from oxide fraction using chemical methods). Each of the mills has a tight housing the bottom part of which (intended for collecting undersize particles) is equipped with a tight grip for big-bag containers and the top part (cover) is connected to a fabric jet filter via a pipeline system. The weight of a single charge is 100 to 150 kg. The fractions produced are conveyed using belt conveyors with magnetic separators where, once the ferromagnetic materials are separated, the final product is delivered to the transport containers (boxes or big-bags).
2. Aluminium foundry. Waste is recovered using R4 method which involves the smelting of aluminium recovered from waste. The foundry equipment includes two foundry furnaces: PIT-3000 induction furnace and PO-3000 rotary furnace.
   - Aluminium smelting in the PIT-3000 induction furnace is carried out using aluminium with low content of impurities. While the charge materials are molten in the crucible induction furnace covering and refining fluxes and refining gases are added. Metal smelting is carried out until the level of 40 cm below the top furnace edge is reached at the temp. of 720 – 750 °C. Once the desired chemical composition is reached (after prior sampling and possible correction of chemical composition) refining and modification of liquid metal is carried out. Skimming is removed from the bath surface in the next step to be later re-molten or sold to an aluminium skimming processing plant and the liquid metal produced is gravitationally poured into a casting ladle with a tilting mechanism and later poured into casting machine moulds. The casting process product are aluminium alloys (e.g. deoxidizers in the form of hemispheres, truncated pyramids, pigs etc.)
   - The process of aluminium melting in the PO-3000 rotary furnace involves melting of skimming selected in proper ratio. Flux salt (i.e. chloride in the form of salt: NaCl, KCl) is added during the process. Pure aluminium or skimming can be molten in the said furnace in various proportions (depending on economic conditions). Melting is performed in portions until the required furnace capacity is reached. When the liquid metal temperature assumed for the technology is reached the skimming is removed from the bath surface. Liquid metal produced is gravitationally poured into permanent cast iron moulds (ingot moulds). The casting product are aluminium alloys in the form of so-called sows. Two tumbling barrels are used to break up the skimming being a rotary furnace charge.
3. Waste packaging system (sorting, packaging and pressing). During the waste recovery process of R12 conducted on the installation the waste is sorted, crushed, pressed (briquetted) and packed. The code of the waste entering the installation is not changed as a result of the above operations.
   The first operation on the waste directed to the storage yard No. 1 is the initial manual sorting to remove unnecessary material. Large size waste is subjected to mechanical processing using special equipment (mechanical scissors, acetylene torches and plasma torches). After the sorting is completed, the impurities are removed and the waste is cut into smaller pieces the waste is packed using HPL 350 hydraulic press. The effect of the manual and mechanical processing of scrap is scrap which can be used as charge.
   Galvanized aluminium waste is fed to the press using ATLAS MH230 movable grip for packing.

Aluminium foil in a loose form or partially pressed into blocks as well as aluminium chips are divided into separate grades during the manual sorting process and later packed in the form of cubes to be stacked on pallets.
Aluminium cans are loaded using a JCB loader into a charging buffer from which they are directed to a vibrating screen to remove soil, sand or other impurities from the material. The cans are transported from the vibrating screen to a packing machine after prior manual sorting and magnetic separation using the above-belt separator. The final product is the waste with the code number of 15 01 04.
Aluminium cans in blocks are broke up using a shredder with pressing function. The material is transported into a charging hopper and on to a working box equipped with two shafts with exchangeable shredding blades. Once so broken up the material is directed to the vibrating screen and the manual sorting line and further to the magnetic separator. The final product is a loose material.

X. Types of waste to be collected and transported are listed in Annex No. 1

XI. Indication of waste storage place and method and description of waste collection method

Waste shall be collected within the premises of AMS Metal Sp. z o.o., ul. Chemiczna 5, Siemianowice Śląskie. Each waste collected shall be stored in a separate container, box or a big-bag or in a bulk at a predefined place on hard floor. Hazardous waste shall be stored indoor. Place of storage shall be marked with the waste code and name.
Waste shall be stored in a selective manner so as to prevent any contamination. Current safety, environmental protection and fire protection regulations shall be observed during waste storage.

XII. Additional conditions for processing, collection and transport of waste:

1. Waste processing is based on modern technology.
2. Place of processing, collection and storage of waste is duly protected from the access of unauthorized third party persons, the company premises are fenced, locked and monitored.
3. Employees who perform the operations of processing and collection of waste involving operation of machines shall be trained in occupational health and safety, waste handling, first aid and shall be duly qualified for the job.
4. Employees involved in waste loading are obliged to make sure that the load capacity is not exceeded for the specific trucks.
5. According to Article 66, paragraph 1 of the Act on Waste of 14 December 2012 (Journal of Laws of 2013, item 21) the waste holder is obliged to keep current records of the waste quantity and quality.
6. The business of waste processing and collection should be conducted according to the waste management rules provided for in the Act on Waste of 14 December 2012 (Journal of Laws of 2013, item 21) and in a manner which does not pose risk to human health or life or is hazardous to the environment.
7. Where dangerous goods are transported by road all the requirements stipulated in the Ordinance of the Minister of Transport and Maritime Economy and of the Minister of Interior and Administration and the European Agreement concerning the international carriage of dangerous goods by road (ADR).

XIII Definition of the area where the waste transport business is to be conducted:

1. Waste specified in Annex No. 1 shall be transported throughout the territory of Poland.

XIV. Specification of methods and means of transport:

1. Waste shall be transported using in-house vehicles with no nuisance for the environment or humans and no contamination of the loading site or the waste carriage route.
2. Waste shall be transported using specialist means of transport adapted to the waste to be carried to ensure safety of the environment in such a way as to prevent the waste from spilling or spreading. The waste shall be transported in bulk or in big-bags according to the waste type.

3. Vehicles shall have current MOT and licenses of the Transport Technical Supervision and shall be properly designated.
4. The waste transport business shall be conducted subject to compliance with the provisions of the Traffic Law Act.
5. Dangerous waste shall be transported according to the requirements for carriage of dangerous goods.

XV. The license remains in force until 26 May 2023

GROUNDS FOR THE DECISION

In a letter of 15 April 2013 (registered on 17 April 2013 with the number RKP-25943/13), Mr. Leszek Kamiński, director of P.P.B.U.H. "Euro-Eko-Pol" Leszek Kamiński, having their registered seat at ul. Jana Heweliusza 21, 40-762 Katowice filed an application with this body regarding the license for production of waste including the operations of processing, collection and transport of waste for AMS Metal Sp. z o.o. in Siemianowice Śląskie at ul. Chemiczna 5. On 30 April 2013 the application was supplemented, after a prior request to do so, with the appropriate authorization and declaration about the company size. Additionally, on 30 April 2013 a letter was filed by Mr. Leszek Kamiński regarding changes in the application comprising the deletion of waste (code No. 10 03 15*) from the list of waste to be processed and an alteration of the quantity of waste (code No. 10 03 16) to be recovered at the aluminium foundry.
Having read the subject application this body found the application to cover all the information required by the *Environmental Protection Law* and the *Act on Waste*.
According to the excerpt of the local spatial development plan the business shall be conducted within the area designated with PP (area to be built-up with production and warehouse buildings basically intended for use as production, construction, transport, storage and warehouse facilities).
Having read the subject application this body found also that the waste would be stored only within the area adapted to such a use. Waste shall be stored in appropriate packaging only. The analysis performed by this body included the consideration of possibility of an adverse impact of the waste collection and processing operations on the natural environment, human health and life however such an impact was not confirmed.

This decision fully meets the requirements of the Applicant and, hence, according to the provisions of Art. 107 § 4 of the Administrative Procedure Code of 14 June 1960 (*consolidated text of 2000, Journal of Laws No. 98, item 1071 as amended)* this body refrained from substantiating this decision.

INSTRUCTION

This decision may be appealed to the Local Government Appeal Council in Katowice within 14 days from the date this decision is delivered

Stamp duty of PLN 506 was charged for issuing this decision according to the Act on Stamp Duty of 16 November 2006 (Journal of Laws of 2006, No. 225, item 1635), Annex to the Act , Part III item 40 paragraph 1. The fee was paid by bank transfer to the account of the Municipal Office of Siemianowice Śląskie on 11 April 2013.

Addressee:
P.P.B.U.H. "Euro-Eko-Pol" Leszek Kamiński
ul. Jana Heweliusza 21
40-762 Katowice

Copy to:
1. Voivodeship Environmental Protection Inspector
   ul. Wita Stwosza 2
   40-036 Katowice
2. file (2 copies)

Annex No. 1 to the Decision of the Mayor of the City of Siemianowice Śląskie
of 27 May 2013 (IR-OS.6233.28.2013)

Item	Waste Code	Waste Type
1	01 01 01	Wastes from mineral metalliferous excavation (excluding 01 01 80)
2	01 01 02	Wastes from mineral non-metalliferous excavation
3	01 01 80	Waste Rock from mining of copper , zinc and lead
4	01 03 04*	Acid-generating tailings from processing of sulphide ore
5	01 03 05*	Other tailings containing dangerous substances (excluding 01 03 80)
6	01 03 06	Tailings other than those mentioned in 01 03 04, 01 03 05, 01 03 80 and 01 03 81
7	01 03 07*	Other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals
8	01 03 08	Dusty and powdery wastes other than those mentioned in 01 03 07
9	01 03 09	Red mud from alumina production other than the wastes mentioned in 01 03 07
10	01 03 80*	Tailings from enrichment by flotation of non-iron metal ores that contain hazardous substances
11	01 03 81	Tailings from enrichment by flotation of non-iron metal ores other than those mentioned in 01 03 80
12	01 03 99	Wastes not otherwise specified
13	01 04 07*	Waste containing dangerous substances from physical and chemical processing of non-metalliferous minerals
14	01 04 08	Waste gravel and crushed rocks other than those mentioned in 01 04 07
15	01 04 09	Waste sand and clays
16	01 04 10	Dusty and powdery wastes other than those mentioned in 01 04 07
17	01 04 11	Wastes from potash and rock salt processing other than those mentioned in 01 04 07
18	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
19	01 04 13	Waste from stone cutting and sawing other than those mentioned in 01 04 07
20	01 04 80*	Tailings from enrichment by flotation of coal that contain hazardous substances
21	01 04 81	Tailings from enrichment by flotation of coal other than those mentioned in 01 04

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22	01 04 82*	Tailings from enrichment by flotation of sulphide ores that contain hazardous substances
23	01 04 83	Tailings from enrichment by flotation of sulphide ores other than those mentioned in 01 04 82
24	01 04 84*	Tailings from enrichment by flotation of phosphoric ores (phosphorites, apatites) that contain hazardous substances
25	01 04 85	Tailings from enrichment by flotation of phosphoric ores (phosphorites, apatites) other than those mentioned in 01 04 84
26	01 04 99	Waste not otherwise specified
27	01 05 04	Freshwater drilling muds and wastes
28	01 05 05*	Oil-containing drilling muds and wastes
29	01 05 06*	Drilling muds and other drilling wastes containing dangerous substances
30	01 05 07	Barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
31	01 05 08	Chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
32	01 05 99	Wastes not otherwise specified
33	02 01 10	Waste metal
34	03 01 01	Waste bark and cork
35	03 01 04*	Sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances

Item	**Waste Code**	**Waste Type**
36	03 01 05	Sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
37	03 01 80*	Waste from chemical processing of wood that contain hazardous substances
38	03 01 81	Waste from chemical processing of wood other than those mentioned in 03 01 80
39	03 01 82	Sludges from on-site effluent treatment
40	03 01 99	Wastes not otherwise specified
41	03 02 01*	Non-halogenated organic wood preservatives

42	03 02 02*	Organochlorinated wood preservatives
43	03 02 03*	Organometallic wood preservatives
44	03 02 04*	Inorganic wood preservatives
45	03 02 05*	Other wood preservatives containing dangerous substances
46	03 02 99	Wood preservatives not otherwise specified
47	03 03 01	Waste bark and wood
48	03 03 02	Green liquor sludge (from recovery of cooking liquor)
49	03 03 05	De-inking sludges from paper recycling
50	03 03 07	Mechanically separated rejects from pulping of waste paper and cardboard
51	03 03 08	Wastes from sorting of paper and cardboard destined for recycling
52	03 03 09	Lime mud waste
53	03 03 10	Fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
54	03 03 11	Sludges from on-site effluent treatment other than those mentioned in 03 03 10
55	03 03 80	Sludges from hypochlorite- or chlorine-bleaching processes
56	03 03 81	Sludges from other bleaching processes
57	03 03 99	Wastes not otherwise specified
58	04 01 01	Fleshings and lime split wastes
59	04 01 02	Liming waste
60	04 01 03*	Degreasing wastes containing solvents without a liquid phase
61	04 01 04	Tanning liquor containing chromium
62	04 01 05	Tanning liquor free of chromium
63	04 01 06	Sludges, in particular from on-site effluent treatment containing chromium
64	04 01 07	Sludges , in particular from on-site effluent treatment free of chromium
65	04 01 08	Waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
66	04 01 09	Wastes from dressing and finishing
67	04 01 99	Wastes not otherwise specified

68	04 02 09	Wastes from composite materials (impregnated textile, elastomer, plastomer)
69	04 02 10	Organic matter from natural products (for example grease, wax)
70	04 02 14*	Wastes from finishing containing organic solvents
71	04 02 15	Wastes from finishing other than those mentioned in 04 02 14
72	04 02 16*	Dyestuffs and pigments containing dangerous substances
73	04 02 17	Dyestuffs and pigments other than those mentioned in 04 02 16
74	04 02 19*	Sludges from on-site effluent treatment containing dangerous substances
75	04 02 20	Sludges from on-site effluent treatment other than those mentioned in 04 02 19
76	04 02 21	Wastes from unprocessed textile fibres
77	04 02 22	Wastes from processed textile fibres
78	04 02 80	Wastes from wet treatment of textile products
79	04 02 99	Wastes not otherwise specified
80	06 03 15*	Metallic oxides containing heavy metals
81	06 03 16	Metallic oxides other than those mentioned in 06 03 15
82	06 03 99	Wastes not otherwise specified
83	06 04 03*	Wastes containing arsenic
84	06 04 04*	Wastes containing mercury
85	06 04 05*	Wastes containing other heavy metals

Item	Waste Code	Waste Type
86	06 04 99	Wastes not otherwise specified
87	06 07 03*	Barium sulphate sludge containing mercury
88	06 07 99	Wastes not otherwise specified
89	06 08 02*	Waste containing dangerous silicones
90	06 08 99	Wastes not otherwise specified
91	06 09 02	Phosphorus slag
92	06 09 03*	Calcium-based reaction wastes containing or contaminated with dangerous substances
93	06 09 04	Calcium-based reaction wastes other than those mentioned in 06 09 03 and 06 09 80
94	06 09 80	Phosphogypsum
95	06 09 81	Phosphogypsum mixed with slags, bottom ash and boiler dust (excluding boiler dust mentioned in 10 01 04)
96	06 09 99	Wastes not otherwise specified
97	06 10 02*	Wastes containing dangerous substances
98	06 10 99	Wastes not otherwise specified
99	06 11 01	Calcium-based reaction wastes from titanium dioxide production
100	06 11 80	Waste from production of zirconium compounds
101	06 11 81	Waste from production of chromium compounds
102	06 11 82	Waste from production of cobalt compounds
103	06 11 83	Waste iron sulphate
104	06 11 99	Wastes not otherwise specified
105	06 13 02*	Spent activated carbon (except 06 07 02)
106	06 13 03	Carbon black
107	06 13 05*	Soot containing or contaminated by hazardous substances
108	06 13 99	Wastes not otherwise specified
109	07 01 07*	Halogenated still bottoms and reaction residues
110	07 01 08*	Other still bottoms and reaction residues

111	07 01 09*	Halogenated filter cakes and spent absorbents
112	07 01 10*	Other filter cakes and spent absorbents
113	07 01 12	Sludges from on-site effluent treatment other than those mentioned in 07 01 11
114	07 01 80	Calcium carbide residue containing dangerous substances (other than those mentioned in 07 01 08)
115	07 01 99	Wastes not otherwise specified
116	07 02 07*	Halogenated still bottoms and reaction residues
117	07 02 08*	Other still bottoms and reaction residues
118	07 02 09*	Halogenated filter cakes and spent absorbents
119	07 02 10*	Other filter cakes and spent absorbents
120	07 02 13	Waste plastic
121	07 02 14*	Wastes from additives containing dangerous substances
122	07 02 15	Wastes from additives other than those mentioned in 07 02 14
123	07 02 16*	Waste containing dangerous silicones
124	07 02 17	Waste containing silicones other than those mentioned in 07 02 16
125	07 02 80	Waste from rubber industry and rubber production
126	07 02 99	Wastes not otherwise specified
127	07 03 08*	Other still bottoms and reaction residues
128	07 03 09*	Halogenated filter cakes and spent absorbents
129	07 03 10*	Other filter cakes and spent absorbents
130	07 03 11*	Sludges from on-site effluent treatment containing dangerous substances
131	07 03 12	Sludges from on-site effluent treatment other than those mentioned in 07 03 11
132	07 03 99	Wastes not otherwise specified
133	07 04 08*	Other still bottoms and reaction residues
134	07 04 09*	Halogenated filter cakes and spent absorbents

Item	**Waste Code**	**Waste Type**
135	07 04 10*	Other filter cakes and spent absorbents

136	07 04 13*	Solid wastes containing dangerous substances
137	07 04 99	Wastes not otherwise specified
138	07 05 07*	Halogenated still bottoms and reaction residues
139	07 05 08*	Other still bottoms and reaction residues
140	07 05 09*	Halogenated filter cakes and spent absorbents
141	07 05 10*	Other filter cakes and spent absorbents
142	07 05 13*	Solid wastes containing dangerous substances
143	07 05 14	Solid wastes other than those mentioned in 07 05 13
144	07 06 07*	Halogenated still bottoms and reaction residues
145	07 06 08*	Other sill bottoms and reaction residues
146	07 06 09*	Halogenated filter cakes and spent absorbents
147	07 06 10*	Other filter cakes and spent absorbents
148	07 06 80	Bleaching earth from oil refining
149	07 06 81	Cosmetics and samples returns
150	07 06 99	Wastes not otherwise specified
151	07 07 07*	Halogenated still bottoms and reaction residues
152	07 07 08*	Other still bottoms and reaction residues
153	07 07 09*	Halogenated filter cakes and spent absorbents
154	07 07 10*	Other filter cakes and spent absorbents
155	07 07 99	Wastes not otherwise specified
156	08 01 99	Wastes not otherwise specified
157	08 02 99	Wastes not otherwise specified
158	08 03 99	Wastes not otherwise specified
159	08 04 99	Wastes not otherwise specified
160	08 05 01*	Waste isocyanates
161	09 01 07	Photographic film and paper containing silver or silver compounds
162	09 01 08	Photographic film and paper free of silver or silver compounds

163	09 01 10	Single-use cameras without batteries
164	09 01 11*	Single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03
165	09 01 12	Single-use cameras containing batteries other than those mentioned in 09 01 11
166	09 01 80*	Expired photographic reagents
167	09 01 99	Wastes not otherwise specified
168	10 01 01	Bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
169	10 01 02	Coal fly ash
170	10 01 03	Fly ash from peat and untreated wood
171	10 01 04*	Oil fly ash and boiler dust
172	10 01 05	Calcium-based reaction wastes from flue-gas desulphurisation in solid form
173	10 01 07	Calcium-based reaction wastes from flue-gas desulphurisation in sludge form
174	10 01 09*	Sulphuric acid
175	10 01 13*	Fly ash from emulsified hydrocarbons used as fuel
176	10 01 14*	Bottom ash, slag and boiler dust from co-incineration containing dangerous substances
177	10 01 15	Bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
178	10 01 16*	Fly ash from co-incineration containing dangerous substances
179	10 01 17	Fly ash from co-incineration other than those mentioned in 10 01 16
180	10 01 18*	Wastes from gas cleaning containing dangerous substances
181	10 01 19	Wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
182	10 01 20*	Sludges from on-site effluent treatment containing dangerous substances
183	10 01 21	Sludges from on-site effluent treatment other than those mentioned in 10 01 20
184	10 01 22*	Aqueous sludges from boiler cleansing containing dangerous substances

Item	**Waste Code**	**Waste Type**
185	10 01 23	Aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
186	10 01 24	Sands from fluidised beds (excluding 10 01 82)

187	10 01 25	Wastes from fuel storage and preparation of coal-fired power plants
188	10 01 26	Wastes from cooling-water treatment
189	10 01 80	Ash and slag mixtures from wet furnace waste disposal
190	10 01 81	Microspheres from fly-ash
191	10 01 82	Mixtures of fly ashes and solid waste from calcium-based flue gas desulphurization processes
192	10 01 99	Wastes not otherwise specified
193	10 02 01	Wastes from the processing of slag
194	10 02 02	Unprocessed slag
195	10 02 07*	Solid wastes from gas treatment containing dangerous substances
196	10 02 08	Solid wastes from gas treatment other than those mentioned in 10 02 07
197	10 02 10	Mill scales
198	10 02 11*	Wastes from cooling-water treatment containing oil
199	10 02 12	Waste from cooling-water treatment other than those mentioned in 10 02 11
200	10 02 13*	Sludges and filter cakes from gas treatment containing dangerous substances
201	10 02 14	Sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
202	10 02 15	Other sludges and filter cakes
203	10 02 80	Skimmings from iron smelting
204	10 02 81	Waste ferrous sulphate
205	10 02 99	Wastes not otherwise specified
206	10 03 02	Anode scraps
207	10 03 04*	Primary production slags
208	10 03 05	Waste alumina
209	10 03 08*	Salt slags from secondary production
210	10 03 09*	Black drosses from secondary production
211	10 03 15*	Skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
212	10 03 16	Skimming other than those mentioned in 10 03 15

213	10 03 17*	Tar-containing wastes from anode manufacture
214	10 03 18	Carbon-containing waste from anode manufacture other than those mentioned in 10 03 17
215	10 03 19*	Flue-gas dust containing dangerous substances
216	10 03 20	Flue-gas dust other than those mentioned in 10 03 19
217	10 03 21*	Other particulates and dust (including ball-mill dust) containing dangerous substances
218	10 03 22	Other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21
219	10 03 23*	Solid wastes from gas treatment containing dangerous substances
220	10 03 24	Solid wastes from gas treatment other than those mentioned in 10 03 23
221	10 03 25*	Sludges and filter cakes from gas treatment containing dangerous substances
222	10 03 26	Sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
223	10 03 27*	Wastes from cooling-water treatment containing oil
224	10 03 28	Wastes from cooling-water treatment other than those mentioned in 10 03 27
225	10 03 29*	Waste from treatment of salt slags and black drosses containing dangerous substances
226	10 03 30	Wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29
227	10 03 99	Wastes not otherwise specified
228	10 04 01*	Slags from primary and secondary production
229	10 04 02*	Dross and skimmings from primary and secondary production
230	10 04 03*	Calcium arsenate
231	10 04 04*	Flue-gas dust
232	10 04 05*	Other particulates and dust
233	10 04 06*	Solid wastes from gas treatment
234	10 04 07*	Sludges and filter cakes from gas treatment
235	10 04 09*	Wastes from cooling-water treatment containing oil
236	10 04 10	Waste from cooling-water treatment other than those mentioned in 10 04 09

237	10 04 99	Wastes not otherwise specified
238	10 05 01	Slags from primary and secondary production excluded 10 05 80
239	10 05 03*	Flue-gas dust
240	10 05 04	Other particulates and dust
241	10 05 05*	Solid waste from gas treatment
242	10 05 06*	Sludges and filter cakes from gas treatment
243	10 05 08*	Wastes from cooling-water treatment containing oil
244	10 05 09	Wastes from cooling-water treatment other than those mentioned in 10 05 08
245	10 05 10*	Dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
246	10 05 11	Dross and skimmings other than those mentioned in 10 05 10
247	10 05 80	Granulated slag from shaft furnaces and slag from rotary kilns
248	10 05 99	Wastes not otherwise specified
249	10 06 01	Slags from primary and secondary production
250	10 06 02	Dross and skimmings from primary and secondary production
251	10 06 03*	Flue-gas dust
252	10 06 04	Other particulates and dust
253	10 06 06*	Solid wastes from gas treatment
254	10 06 07*	Sludges and filter cakes from has treatment
255	10 06 09*	Wastes from cooling-water treatment containing oil
256	10 06 10	Waste from cooling-water treatment other than those mentioned in 10 06 09
257	10 06 80	Shaft and granulated slag
258	10 06 99	Wastes not otherwise specified
259	10 07 01	Slags from primary and secondary production
260	10 07 02	Dross and skimmings from primary and secondary production
261	10 07 03	Solid wastes from gas treatment
262	10 07 04	Other particulates and dust
263	10 07 05	Sludges and filter cakes from gas treatment

264	10 07 07*	Wastes from cooling-water treatment containing oil
265	10 07 08	Wastes from cooling-water treatment other than those mentioned in 10 07 07
266	10 07 99	Wastes not otherwise specified
267	10 08 04	Particulates and dust
268	10 08 08*	Salt slag from primary and secondary production
269	10 08 09	Other slags
270	10 08 10*	Dross and skimming that are flammable or emit, upon the contact with water, flammable gases in dangerous quantities
271	10 08 11	Dross and skimmings other than those mentioned in 10 08 10
272	10 08 12*	Tar-containing waste from anode manufacture
273	10 08 13	Carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12

Item	Waste Code	Waste Type
274	10 08 14	Anode scrap
275	10 08 15*	Flue-gas dust containing dangerous substances
276	10 08 16	Flue-gas dust other than those mentioned in 10 08 15
277	10 08 17*	Sludges and filter cakes from flue-gas treatment containing dangerous substances
278	10 08 18	Sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
279	10 08 19*	Wastes from cooling-water treatment containing oil
280	10 08 20	Wastes from cooling-water treatment other than those mentioned in 10 08 19
281	10 08 99	Wastes not otherwise specified
282	10 09 03	Furnace slag
283	10 09 05*	Casting cores and moulds which have not undergone pouring containing dangerous substances
284	10 09 06	Casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
285	10 09 07*	Casting cores and moulds which have undergone pouring containing dangerous substances
286	10 09 08	Casting cores and moulds have undergone pouring other than those mentioned in 10 09 07
287	10 09 09*	Flue-gas dust containing dangerous substances
288	10 09 10	Flue-gas dust other than those mentioned in 10 09 09
289	10 09 11*	Other particulates containing dangerous substances
290	10 09 12	Other particulates other than those mentioned in 10 09 11
291	10 09 13*	Waste binders containing dangerous substances
292	10 09 14	Waste binders other than those mentioned in 10 09 13
293	10 09 15*	Waste crack-indicating agent containing dangerous substances
294	10 09 16	Waste crack-indicating agent other than those mentioned in 10 09 15
295	10 09 80	Scrap cast iron products
296	10 09 99	Wastes not otherwise specified
297	10 10 03	Furnace slag

298	10 10 05*	Casting cores and moulds which have not undergone pouring, containing dangerous substances
299	10 10 06	Casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
300	10 10 07*	Casting cores and moulds which have undergone pouring, containing dangerous substances
301	10 10 08	Casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
302	10 10 09*	Flue-gas dust containing dangerous substances
303	10 10 10	Flue-gas dust other than those mentioned in 10 10 09
304	10 10 11*	Other particulates containing dangerous substances
305	10 10 12	Other particulates other than those mentioned in 10 10 11
306	10 10 13*	Waste binders containing dangerous substances
307	10 10 14	Waste binders other than those mentioned in 10 10 13
308	10 10 15*	Waste crack-indicating agent containing dangerous substances
309	10 10 16	Waste crack-indicating agent other than those mentioned in 10 10 15
310	10 10 99	Wastes not otherwise specified
311	10 11 03	Waste glass-based fibrous materials
312	10 11 05	Particulates and dust
313	10 11 09*	Waste preparation mixture before thermal processing, containing dangerous substances
314	10 11 10	Waste preparation mixture before thermal processing, other than those mentioned in 10 11 09

Item	Waste Code	Waste Type
315	10 11 11*	Waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)
316	10 11 12	Waste glass other than those mentioned in 10 11 11
317	10 11 13*	Glass-polishing and -grinding sludge containing dangerous substances
318	10 11 14	Glass-polishing and -grinding sludge other than those mentioned in 10 11 13
319	10 11 15*	Solid wastes from flue-gas treatment containing dangerous substances
320	10 11 16	Solid wastes from flue-gas treatment other than those mentioned in 10 11 15
321	10 11 17*	Sludges and filter cakes from flue-gas treatment containing dangerous substances
322	10 11 18	Sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
323	10 11 19*	Solid wastes from on-site effluent treatment containing dangerous substances
324	10 11 20	Solid wastes from on-site effluent treatment other than those mentioned in 10 11 19
325	10 11 80	Fluorine silicate sludge
326	10 11 81*	Asbestos-containing waste
327	10 11 99	Wastes not otherwise specified
328	10 12 01	Waste preparation mixture before thermal processing
329	10 12 03	Particulates and dust
330	10 12 05	Sludges and filter cakes from gas treatment
331	10 12 06	Discarded moulds
332	10 12 08	Waste ceramics, bricks, tiles and construction products (after thermal processing)
333	10 12 09*	Solid wastes from gas treatment containing dangerous substances
334	10 12 10	Solid wastes from gas treatment other than those mentioned in 10 12 09
335	10 12 11*	Wastes from glazing containing heavy metals
336	10 12 12	Wastes from glazing other than those mentioned in 10 12 11
337	10 12 13	Sludge from on-site effluent treatment
338	10 12 99	Wastes not otherwise specified
339	10 13 01	Waste preparation mixture before thermal processing

340	10 13 04	Wastes from calcination and hydration of lime
341	10 13 06	Particulates and dust (except 10 13 12 and 10 13 13)
342	10 13 07	Sludges and filter cakes from gas treatment
343	10 13 09*	Wastes from asbestos-cement manufacture containing asbestos
344	10 13 10	Wastes from asbestos-cement manufacture other than those mentioned in 10 13 09
345	10 13 11	Wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
346	10 13 12*	Solid wastes from gas treatment containing dangerous substances
347	10 13 13	Solid wastes from gas treatment other than those mentioned in 10 13 12
348	10 13 14	Waste concrete and concrete sludge
349	10 13 80	Waste from cement production
350	10 13 81	Waste from gypsum production
351	10 13 82	Discarded products
352	10 13 99	Wastes not otherwise specified
353	10 14 01*	Waste from gas cleaning containing mercury
354	10 80 01	Slag from ferrous silicon production
355	10 80 02	Dust from ferrous silicon production
356	10 80 03	Slag from ferrous chromium production
357	10 80 04	Dust from ferrous chromium production
358	10 80 05	Slag from ferrous manganese production
359	10 80 06	Dust from ferrous manganese production
360	10 80 99	Wastes not otherwise specified
361	11 01 98*	Other wastes containing dangerous substances
362	11 01 99	Wastes not otherwise specified
363	11 02 02*	Sludges from zinc hydrometallurgy (including jarosite, goethite)
364	11 02 03	Wastes from the production of anodes for aqueous electrolytical processes
365	11 02 05*	Wastes from copper hydrometallurgical processes containing dangerous substances

366	11 02 06	Wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
367	11 02 07*	Other wastes containing dangerous substances
368	11 02 99	Wastes not otherwise specified
369	11 03 01*	Waste containing cyanide
370	11 03 02*	Other wastes
371	11 05 01	Hard zinc
372	11 05 02	Zinc ash
373	11 05 03*	Solid wastes from gas treatment
374	11 05 04*	Spent flux
375	11 05 99	Wastes not otherwise specified
376	12 01 01	Ferrous metal filings and turnings
377	12 01 02	Ferrous metal dust and particles
378	12 01 03	Non-ferrous metal filings and turnings
379	12 01 04	Non-ferrous metal dust and particles
380	12 01 05	Plastics shavings and turnings
381	12 01 06*	Mineral-based machining oils containing halogens (except emulsions and solutions)
382	12 01 07*	Mineral-based machining oils free of halogens (except emulsions and solutions)
383	12 01 08*	Machining emulsions and solutions containing halogens
384	12 01 09*	Machining emulsions and solutions free of halogens
385	12 01 10*	Synthetic machining oils
386	12 01 12*	Spent waxes and fats
387	12 01 13	Welding wastes
388	12 01 14*	Machining sludges containing dangerous substances
389	12 05 15	Machining sludges other than those mentioned in 12 01 14
390	12 01 16*	Waste blasting material containing dangerous substances
391	12 01 17	Waste blasting material other than those mentioned in 12 01 16

392	12 01 18*	Metal sludge (grinding, honing and lapping sludge) containing oil
393	12 01 19*	Readily biodegradable machining oil
394	12 01 20*	Spent grinding bodies and grinding materials containing dangerous substances
395	12 01 21	Spent grinding bodies and grinding materials other than those mentioned in 12 01 20
396	12 01 99	Wastes not otherwise specified
397	13 01 09*	Mineral-based chlorinated hydraulic oils
398	13 01 10*	Mineral-based non-chlorinated hydraulic oils
399	13 01 11*	Synthetic hydraulic oils
400	13 01 12*	Readily biodegradable hydraulic oils
401	13 01 13*	Other hydraulic oils
402	13 02 04*	Mineral-based chlorinated engine, gear and lubricating oils
403	13 02 05*	Mineral-based non-chlorinated engine, gear and lubricating oils
404	13 02 06*	Synthetic engine, gear and lubricating oils
405	13 02 07*	Readily biodegradable engine, gear and lubricating oils
406	13 02 08*	Other engine, gear and lubricating oils
407	13 05 01*	Solids from grit chambers and oil/water separators
408	13 05 02*	Sludges from oil/water separators
409	13 05 03*	Interceptor sludges

Item	Waste Code	Waste Type
410	13 05 08*	Mixtures of wastes from grit chambers and oil/water separators
411	13 08 99*	Wastes not otherwise specified
412	15 01 01	Paper and cardboard packaging
413	15 01 02	Plastic packaging
414	15 01 03	Wooden packaging
415	15 01 04	Metallic packaging
416	15 01 05	Composite packaging
417	15 01 06	Mixed packaging
418	15 01 07	Glass packaging
419	15 01 09	Textile packaging
420	15 01 10*	Packaging containing residues of or contaminated by dangerous substances (e.g. pesticides of the toxicity class I and II - most and moderately toxic)
421	15 01 11*	Metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers
422	15 02 02*	Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, (e.g. rags, cloths) and protective clothing contaminated by dangerous substances (e.g. PCB)
423	15 02 03	Absorbents, filter materials, wiping cloths (e.g. rags, cloths) and protective clothing other than those mentioned in 15 02 02
424	16 01 03	End-of-life tyres
425	16 01 07*	Oil filters
426	16 07 08*	Components containing mercury
427	16 01 09*	Components containing PCBs
428	16 01 10*	Explosive components (for example air bags)
429	16 01 11*	Brake pads containing asbestos
430	16 01 12*	Brake pads other than those mentioned in 16 01 11
431	16 01 13*	Brake fluids
432	16 01 14*	Antifreeze fluids containing dangerous substances
433	16 01 15	Antifreeze fluids other than those mentioned in 16 01 14

434	16 01 16	Tanks for liquefied gas
435	16 01 17	Ferrous metal
436	16 01 18	Non-ferrous metal
437	16 01 19	Plastic
438	16 01 20	Glass
439	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
440	16 01 22	Components not otherwise specified
441	16 01 99	Wastes not otherwise specified
442	16 02 11*	Discarded equipment containing chlorofluorocarbons, HCFC, HFC
443	16 02 13*	Discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
444	16 02 14	Discarded equipment other than those mentioned in 16 02 09 to 16 02 13
445	16 02 15*	Hazardous components removed from discarded equipment
446	16 02 16	Components removed from discarded equipment other than those mentioned in 16 02 15
447	16 03 03*	Components removed from discarded equipment other than those mentioned in 16 02 15
448	16 03 04	Inorganic wastes other than those mentioned in 16 03 03, 16 03 80
449	16 03 05*	Organic wastes containing dangerous substances
450	16 03 06	Organic wastes other than those mentioned in 16 03 05, 16 03 80
451	16 03 80	Food products past their “use-by” date or unfit for consumption
452	16 04 01*	Waste ammunition
453	16 04 02*	Waste fireworks

Item	**Waste Code**	**Waste Type**
454	16 04 03*	Other waste explosives
455	16 05 04*	Gases in pressure containers (including halons) containing dangerous substances
456	16 05 05	Gases in pressure containers other than those mentioned in 16 05 04

457	16 05 06*	Laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals
458	16 05 07*	Discarded inorganic chemicals consisting of or containing dangerous substances
459	16 05 08*	Discarded organic chemicals consisting of or containing dangerous substances
460	16 05 09	Discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
461	16 06 01*	Lead batteries
462	16 06 02*	Ni-Cd batteries
463	16 06 03*	Mercury-containing batteries
464	16 06 04	Alkaline batteries (except 16 06 03)
465	16 06 05	Other batteries and accumulators
466	16 06 06*	Separately collected electrolyte from batteries and accumulators
467	16 07 99	Wastes not otherwise specified
468	16 08 01	Spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
469	16 08 02*	Spent catalysts containing dangerous transition metals (17) or dangerous transition metal compounds
470	16 08 03	Spent catalysts containing transition metals or transition metal compounds not otherwise specified (excluded 16 08 02)
471	16 08 04	Spent fluid catalytic cracking catalysts (except 16 08 07)
472	16 08 05*	Spent catalysts containing phosphoric acid
473	16 08 06*	Spent liquids used as catalysts
474	16 08 07*	Spent catalysts contaminated with dangerous substances
475	16 09 01*	Permanganates, for example potassium permanganate
476	16 09 02*	Chromates, for example potassium chromate, potassium or sodium dichromate
477	16 09 03*	Peroxides, for example hydrogen peroxide
478	16 09 04*	Oxidising substances, not otherwise specified
479	16 11 01*	Aqueous liquid wastes containing dangerous substances
480	16 11 02	Aqueous liquid wastes other than those mentioned in 16 11 01
481	16 11 03*	Aqueous concentrates containing dangerous substances

482	16 11 04	Aqueous concentrates other than those mentioned in 16 11 03
483	16 11 05*	Linings and refractories from non-metallurgical processes containing dangerous substances
484	16 11 06	Linings and refractories from non-metallurgical processes other than those mentioned in 16 11 05
485	16 80 01	Magnetic and optical data carriers
486	16 81 01*	Wastes exhibiting hazardous properties
487	16 81 02	Wastes other than those mentioned in 16 81 01
488	16 82 01*	Wastes exhibiting hazardous properties
489	16 82 02	Wastes other than those mentioned in 16 82 01
490	17 01 01	Waste concrete and concrete rubble from demolitions and renovations
491	17 01 02	Crushed bricks
492	17 01 03	Waste of other ceramic materials and pieces of equipment
493	17 01 06*	Mixtures of, or separate fractions of concrete, bricks, tiles, ceramics and pieces of equipment containing dangerous substances
494	17 01 07	Mixture of concrete, bricks, tiles, ceramics and pieces of equipment other than those mentioned in 17 01 06
495	17 01 80	Removed plaster, wallpapers, veneer, etc.
496	17 01 81	Waste from road repair and reconstruction

Item	**Waste Code**	**Waste Type**
497	17 01 82	Wastes not otherwise specified
498	17 02 01	Wood
499	17 02 02	Glass
500	17 02 03	Plastic
501	17 02 04*	Glass, plastic and wood containing or contaminated with dangerous substances
502	17 03 01*	Bituminous mixtures containing coal tar
503	17 03 02	Bituminous mixtures containing other than those mentioned in 17 03 01
504	17 03 03*	Coal tar and tarred products
505	17 03 80*	Waste tar paper

506	17 04 01	Copper, bronze, brass
507	17 04 02	Aluminium
508	17 04 03	Lead
509	17 04 04	Zinc
510	17 04 05	Iron and steel
511	17 04 06	Tin
512	17 04 07	Mixed metals
513	17 04 09*	Metal waste contaminated with dangerous substances
514	17 04 10*	Cables containing oil, coal tar and other dangerous substances
515	17 04 11	Cables other than those mentioned in 17 04 10
516	17 05 03*	Soil and stones containing dangerous substances (for example PCB)
517	17 05 04	Soil and stones other than those mentioned in 17 05 03
518	17 05 05*	Dredging spoil containing dangerous substances
519	17 05 06	Dredging spoil other than those mentioned 17 05 05
520	17 05 07*	Track ballast containing dangerous substances
521	17 05 08	Track ballast other than those mentioned in 17 05 07
522	17 06 01*	Insulation materials containing asbestos
523	17 06 03*	Other insulation materials consisting of or containing dangerous substances
524	17 06 04	Insulation materials other than those mentioned in 17 06 01 and 17 06 03
525	17 06 05*	Construction materials containing asbestos
526	17 08 01*	Gypsum-based construction materials contaminated with dangerous substances
527	17 08 02	Gypsum-based construction materials other than those mentioned in 17 08 01
528	17 09 01*	Construction and demolition wastes containing mercury
529	17 09 02*	Construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)
530	17 09 03*	Other construction and demolition wastes (including mixed wastes) containing dangerous substances
531	17 09 04	Mixed construction and demolition wastes other than those mentioned in 17 09 01,

		17 09 02 and 17 09 03
532	19 01 02	Ferrous materials removed from bottom ash
533	19 01 05*	Filter cake from gas treatment
534	19 01 06*	Aqueous liquid wastes from gas treatment and other aqueous liquid wastes
535	19 01 07*	Solid wastes from gas treatment
536	19 01 10*	Spent activated carbon from flue-gas treatment
537	19 01 11*	Bottom ash and slag containing dangerous substances
538	19 01 12	Bottom ash and slag other than those mentioned in 19 01 11
539	19 01 13*	Fly ash containing dangerous substances
540	19 01 14	Fly ash other than those mentioned in 19 01 13
541	19 01 15*	Boiler dust containing dangerous substances
542	19 01 16	Boiler dust other than those mentioned in 19 01 15
543	19 01 17*	Pyrolysis wastes containing dangerous substances

Item	Waste Code	Waste Type
544	19 01 18	Pyrolysis wastes other than those mentioned in 19 01 17
545	19 01 14	Sands from fluidised beds
546	19 01 15*	Wastes not otherwise specified
547	19 01 16	Premixed wastes composed only of non-hazardous wastes
548	19 01 17*	Premixed wastes composed of at least one hazardous waste
549	19 01 18	Sludges from physical and chemical treatment containing dangerous substances
550	19 01 19	Sludges from physical and chemical treatment other than those mentioned in 19 02 05
551	19 01 99	Oil and concentrates from separation
552	19 02 03	Liquid combustible wastes containing dangerous substances
553	19 02 04*	Solid combustible wastes containing dangerous substances
554	19 02 05*	Combustible wastes other than those mentioned in 19 02 08 or 19 02 09
555	19 02 06	Other wastes containing dangerous substances
556	19 02 07*	Wastes not otherwise specified
557	19 02 08*	Wastes marked as hazardous, partly stabilised
558	19 02 09*	Stabilised wastes other than mentioned in 19 03 04
559	19 03 06*	Wastes marked as hazardous, solidified
560	19 03 07	Solidified wastes other than those mentioned in 19 03 06
561	19 04 01	Vitrified waste
562	19 04 02*	Fly ash and other flue-gas treatment wastes
563	19 04 03*	Non-vitrified solid phase
564	19 04 04	Aqueous liquid wastes from vitrified waste tempering
565	19 05 01	Non-composted fraction of municipal and similar wastes
566	19 05 02	Non-composted fraction of animal and vegetable waste
567	19 05 03	Off-specification compost
568	19 05 99	Wastes not otherwise specified
569	19 06 03	Liquor from anaerobic treatment of municipal waste

570	19 06 04	Digestate waste from anaerobic treatment of municipal waste
571	19 06 05	Liquor from anaerobic treatment of animal and vegetable waste
572	19 06 06	Digestate from anaerobic treatment of animal and vegetable waste
573	19 06 99	Wastes not otherwise specified
574	19 08 01	Screenings
575	19 08 02	Waste from desanding
576	19 08 06*	Saturated or spent ion exchange resins
577	19 08 07*	Solutions and sludges from regeneration of ion exchangers
578	19 08 08*	Membrane system waste containing heavy metals
579	19 08 09	Grease and oil mixture from oil/water separation containing only edible oil and fats
580	19 08 10*	Grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
581	19 08 11*	Sludges containing dangerous substances from biological treatment of industrial waste water
582	19 08 12	Sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
583	19 08 13*	Sludges containing dangerous substances from other treatment of industrial waste water
584	19 08 14	Sludges from other treatment of industrial waste water other than those mentioned
585	19 08 99	Wastes not otherwise specified
586	19 09 01	Solid waste from primary filtration and screenings
587	19 09 02	Sludges from water clarification
588	19 09 03	Sludges from decarbonation
589	19 09 04	Spent activated carbon
590	190 90 5	Saturated or spent ion exchange resins
Item	**Waste Code**	**Waste Type**
591	19 09 06	Solutions and sludges from regeneration of ion exchangers
592	19 09 99	Wastes not otherwise specified
593	19 10 01	Iron and steel waste

594	19 10 02	Non-ferrous waste
595	19 10 03*	Fluff-light fraction and dust containing dangerous substances
596	19 10 04	Fluff-light fraction and dust other than those mentioned in 19 10 03
597	19 10 05*	Other fractions containing dangerous substances
598	19 10 06	Other fractions other than those mentioned in 19 10 05
599	19 11 01*	Spent filter clays
600	19 11 02*	Acid tars
601	19 11 03*	Aqueous liquid wastes
602	19 11 04*	Wastes from cleaning of fuel with bases
603	19 11 05*	Sludges from on-site effluent treatment containing dangerous substances
604	19 11 06	Sludges from on-site effluent treatment other than those mentioned in 19 11 05
605	19 11 07*	Wastes from flue-gas cleaning
606	19 11 99	Wastes not otherwise specified
607	19 12 01	Paper and cardboard
608	19 12 02	Ferrous metal
609	19 12 03	Non-ferrous metal
610	19 12 04	Plastic and rubber
611	19 12 05	Glass
612	19 12 06*	Wood containing dangerous substances
613	19 12 07	Wood other than that mentioned in 19 12 06
614	19 12 08	Textiles
615	19 12 09	Minerals (for example sand, stones)
616	19 12 10	Combustible waste (refuse derived fuel)
617	19 12 11*	Other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances
618	19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
619	19 13 01*	Solid wastes from soil remediation containing dangerous substances

620	19 13 02	Solid wastes from soil remediation other than those mentioned in 19 13 01
621	19 13 03*	Sludges from soil remediation containing dangerous substances
622	19 13 04	Sludges from soil remediation other than those mentioned in 19 13 03
623	19 13 05*	Sludges from groundwater remediation containing dangerous substances
624	19 13 06	Sludges from groundwater remediation other than those mentioned in 19 13 05
625	19 13 07*	Aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances
626	19 13 08	Aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07
627	19 80 01	Waste from autoclaving of medical and veterinary waste