



WASTE MATTERS LTD

HAZARDOUS WASTE MANAGEMENT

**Chemical waste disposal
facility**

**Permit number
PPC / CP3331SC**

**Processing of hazardous
waste in containers,
drums or packages**

**Laboratory clearance
services**

**Confidential destruction
of redundant stock**

**Immediate response
to chemical emergencies**

**Contractors to the waste
management industry,
Local Authorities and
Government Agencies**



**Waste Matters Ltd, The Courtyard, Jenson Avenue
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Environmental Policy

Waste Matters Ltd shall pursue its business in such a way as to provide a safe environment for its employees and the local community.

We shall communicate openly on the nature of our activities and co-operate as fully as possible with the relevant Local Authorities, and other Regulatory and Advisory bodies.

Every member of staff shall be required to exercise personal responsibility in preventing harm to themselves, to others, and to the environment, thus contributing to health and safety at work and to environmental protection.

The company shall endeavour to adhere to or exceed current legislation and shall minimise as far as reasonably practicable all discharges to air, water and land arising from our operations.

As an environmental contractor Waste Matters Ltd realises that it has a further responsibility to support and assist in the discharge of the environmental duties of its customers.

Site Layout plan

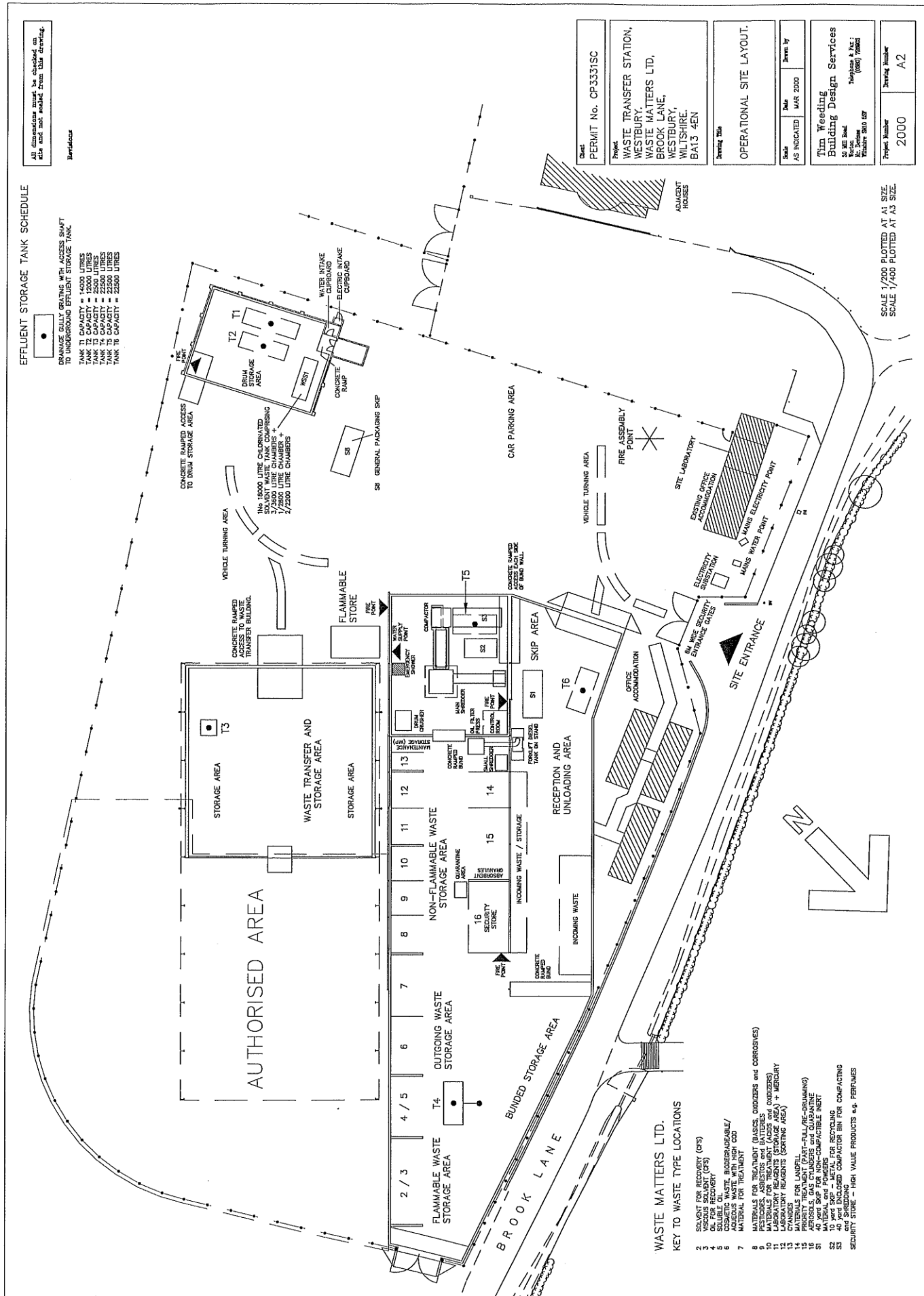


Figure A1
Site Location Plan



Permit

Pollution Prevention and Control
Regulations 2000



**ENVIRONMENT
AGENCY**

Permit

Permit number

CP3331SC

The Environment Agency (the Agency) in exercise of its powers under Regulation 10 of the Pollution Prevention and Control (England and Wales) Regulations (SI 2000 No 1973), hereby authorises **Waste Matters Ltd.** ("the Operator"),

Of/ whose Registered Office (or principal place of business) is

**Brook Lane
Westbury
Wiltshire
BA13 4EN**

Company registration number 2665813

to operate an Installation at

**Waste Matters Ltd.
Brook Lane
Westbury
Wiltshire
BA13 4EN**

to the extent authorised by and subject to the conditions of this Permit.

Signed

Date

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R. Holland

Authorised to sign on behalf of the Agency

Conditions

1 General

1.1 Permitted Activities

- 1.1.1 The Operator is authorised to carry out the activities and the directly associated activities specified in Table 1.1.1.

Table 1.1.1 – Permitted activities

Activity listed in Schedule 1 of the PPC Regulations or Directly-associated Activity	Description of Specified Activity and WFD Annex IIA and IIB operations	Permitted Capacity of Specified Activity	(waste types by EWC)
Section 5.3 Part A(1)(a) The disposal of hazardous waste (other by incineration or in a landfill) in a facility with a capacity of more than 10 tonnes per day.	Storage and aggregation of wastes; crushing and shredding of drums and other containers prior to disposal (D9, D15).	Total storage capacity is 450 tonnes	As defined in Schedule 6a
Section 5.3 Part A(1)(b) The disposal of waste oils (other by incineration or in a landfill) in a facility with a capacity of more than 10 tonnes per day.	Reclamation of oil from used oil filters (R3).		16 01 07
Section 5.3 Part A(1)(c)(ii) The disposal of non-hazardous waste in a facility with a capacity of more than 50 tonnes per day by physico-chemical treatment, not being treatment specified in any paragraph other than paragraph D9 in Annex IIA to Council Directive 75/442/EEC, which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 in that Annex (for example evaporation, drying, calcination etc.) (D9).	Storage and aggregation of wastes; crushing and shredding of drums and other containers prior to disposal (D9, D15).	Total storage capacity is 450 tonnes	As defined in Schedule 6b

- 1.1.2 Where there are wastes on site that are not subject to this Permit then the waste subject to the activities authorised under condition 1.1.1 shall be clearly identified.

1.2 Site

- 1.2.1 The activities authorised under condition 1.1.1 shall not extend beyond the Site, being the land shown edged in green on the Site Plan at Schedule 5 to this Permit.

Schedule 6 – Permitted wastes

Hazardous wastes

01 WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS

01 03 wastes from physical and chemical processing of metalliferous minerals

- 01 03 04* acid-generating tailings from processing of sulphide ore
- 01 03 05* other tailings containing dangerous substances
- 01 03 07* other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals

01 04 wastes from physical and chemical processing of non-metalliferous minerals

- 01 04 07* wastes containing dangerous substances from physical and chemical processing of nonmetalliferous minerals

01 05 drilling muds and other drilling wastes

- 01 05 05* oil-containing drilling muds and wastes
- 01 05 06* drilling muds and other drilling wastes containing dangerous substances

02 WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING

02 01 wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing

- 02 01 08* agrochemical waste containing dangerous substances

03 WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD

- 03 01 04* sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances
- 03 02 wastes from wood preservation
 - 03 02 01* non-halogenated organic wood preservatives
 - 03 02 02* organochlorinated wood preservatives
 - 03 02 03* organometallic wood preservatives
 - 03 02 04* inorganic wood preservatives
 - 03 02 05* other wood preservatives containing dangerous substances

04 WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES

04 01 wastes from the leather and fur industry

- 04 01 03* degreasing wastes containing solvents without a liquid phase

04 02 wastes from the textile industry

- 04 02 14* wastes from finishing containing organic solvents
- 04 02 16* dyestuffs and pigments containing dangerous substances
- 04 02 19* sludges from on-site effluent treatment containing dangerous substances

05 WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL

05 01 wastes from petroleum refining

- 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 11* wastes from cleaning of fuels with bases
- 05 01 12* oil containing acids
- 05 01 15* spent filter clays

05 06 wastes from the pyrolytic treatment of coal

05 06 01* acid tars
05 06 03* other tars

05 07 wastes from natural gas purification and transportation

05 07 01* wastes containing mercury

06 WASTES FROM INORGANIC CHEMICAL PROCESSES

06 01 wastes from the manufacture, formulation, supply and use (MFSU) of acids

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 02 wastes from the MFSU of bases

06 02 01* calcium hydroxide
06 02 03* ammonium hydroxide
06 02 04* sodium and potassium hydroxide
06 02 05* other bases

06 03 wastes from the MFSU of salts and their solutions and metallic oxides

06 03 11* solid salts and solutions containing cyanides
06 03 13* solid salts and solutions containing heavy metals
06 03 15* metallic oxides containing heavy metals

06 04 metal-containing wastes other than those mentioned in 06 03

06 04 03* wastes containing arsenic
06 04 04* wastes containing mercury
06 04 05* wastes containing other heavy metals

06 05 sludges from on-site effluent treatment

06 05 02* sludges from on-site effluent treatment containing dangerous substances

06 06 wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes

06 06 02* wastes containing dangerous sulphides

06 07 wastes from the MFSU of halogens and halogen chemical processes

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, for example contact acid

06 08 wastes from the MFSU of silicon and silicon derivatives

06 08 02* waste containing dangerous silicones

06 09 wastes from the MFSU of phosphorus chemicals and phosphorus chemical processes

06 09 03* calcium-based reaction wastes containing or contaminated with dangerous substances

06 10 wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser Manufacture

06 10 02* wastes containing dangerous substances

06 13 wastes from inorganic chemical processes 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 04* wastes from asbestos processing
06 13 05* soot

07 WASTES FROM ORGANIC CHEMICAL PROCESSES

07 01 wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals

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 02 wastes from the MFSU of plastics, synthetic rubber and man-made fibres

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 14* wastes from additives containing dangerous substances
07 02 16* waste containing dangerous silicones

07 03 wastes from the MFSU of organic dyes and pigments (except 06 11)

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 04 wastes from the MFSU of organic plant protection products (except 02 0108 and 02 01 09), wood preserving agents (except 03 02) and other biocides

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 13* solid wastes containing dangerous substances

07 05 wastes from the MFSU of pharmaceuticals

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 13* solid wastes containing dangerous substances

07 06 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics

- 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 07 wastes from the MFSU of fine chemicals and chemical products 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

08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS

08 01 wastes from MFSU and removal of paint and varnish

- 08 01 11* waste paint and varnish containing organic solvents or other dangerous substances
- 08 01 13* sludges from paint or varnish containing organic solvents or other dangerous substances
- 08 01 15* aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances
- 08 01 17* wastes from paint or varnish removal containing organic solvents or other hazardous substances
- 08 01 19* aqueous suspensions containing paint or varnish containing solvents or other hazardous substances
- 08 01 21* waste paint or varnish remover

08 03 wastes from MFSU of printing inks

- 08 03 12* waste ink containing dangerous substances
- 08 03 14* ink sludges containing dangerous substances
- 08 03 16* waste etching solutions
- 08 03 17* waste printing toner containing dangerous substances
- 08 03 19* disperse oil

08 04 wastes from MFSU of adhesives and sealants (including waterproofing products)

- 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
- 08 04 11* adhesive and sealant sludges containing organic solvents or other dangerous substances
- 08 04 13* aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances
- 08 04 15* aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
- 08 04 17* rosin oil

08 05 wastes not otherwise specified in 08

- 08 05 01* waste isocyanates

09 WASTES FROM THE PHOTOGRAPHIC INDUSTRY

09 01 wastes from the photographic industry

- 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* wastes containing silver from on-site treatment of photographic wastes
- 09 01 11* single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03
- 09 01 13* aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06

10 WASTES FROM THERMAL PROCESSES

10 01 wastes from power stations and other combustion plants (except 19)

10 01 04* oil fly ash and boiler dust
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 16* fly ash from co-incineration containing dangerous substances
10 01 18* wastes from gas cleaning containing dangerous substances
10 01 20* sludges from on-site effluent treatment containing dangerous substances
10 01 22* aqueous sludges from boiler cleansing containing dangerous substances

10 02 wastes from the iron and steel industry

10 02 07* solid wastes from gas treatment containing dangerous substances
10 02 11* wastes from cooling-water treatment containing oil
10 02 13* sludges and filter cakes from gas treatment containing dangerous substances

10 03 wastes from aluminium thermal metallurgy

10 03 04* primary production slags
10 03 08* salt slags from secondary production
10 03 09* black drosses from secondary production
10 03 15* skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
10 03 17* tar-containing wastes from anode manufacture
10 03 19* flue-gas dust containing dangerous substances
10 03 21* other particulates and dust (including ball-mill dust) containing dangerous substances
10 03 23* solid wastes from gas treatment containing dangerous substances
10 03 25* sludges and filter cakes from gas treatment containing dangerous substances
10 03 27* wastes from cooling-water treatment containing oil
10 03 29* wastes from treatment of salt slags and black drosses containing dangerous substances

10 04 wastes from lead thermal metallurgy

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 05 wastes from zinc thermal metallurgy

10 05 03* flue-gas dust
10 05 05* solid waste from gas treatment
10 05 06* sludges and filter cakes from gas treatment
10 05 08* wastes from cooling-water treatment containing oil
10 05 10* dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities

10 06 wastes from copper thermal metallurgy

10 06 03* flue-gas dust
10 06 06* solid wastes from gas treatment
10 06 07* sludges and filter cakes from gas treatment
10 06 09* wastes from cooling-water treatment containing oil

10 07 wastes from silver, gold and platinum thermal metallurgy

10 07 07* wastes from cooling-water treatment containing oil

10 08 wastes from other non-ferrous thermal metallurgy

10 08 08* salt slag from primary and secondary production
10 08 10* dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
10 08 12* tar-containing wastes from anode manufacture
10 08 15* flue-gas dust containing dangerous substances
10 08 17* sludges and filter cakes from flue-gas treatment containing dangerous substances
10 08 19* wastes from cooling-water treatment containing oil

10 09 wastes from casting of ferrous pieces

10 09 05* casting cores and moulds which have not undergone pouring containing dangerous substances
10 09 07* casting cores and moulds which have undergone pouring containing dangerous substances
10 09 09* flue-gas dust containing dangerous substances
10 09 11* other particulates containing dangerous substances
10 09 13* waste binders containing dangerous substances
10 09 15* waste crack-indicating agent containing dangerous substances

10 10 wastes from casting of non-ferrous pieces

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 10 09* flue-gas dust containing dangerous substances
10 10 11* other particulates containing dangerous substances
10 10 13* waste binders containing dangerous substances
10 10 15* waste crack-indicating agent containing dangerous substances

10 11 wastes from manufacture of glass and glass products

10 11 09* waste preparation mixture before thermal processing, containing dangerous substances
10 11 11* waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)
10 11 13* glass-polishing and -grinding sludge containing dangerous substances
10 11 15* solid wastes from flue-gas treatment containing dangerous substances
10 11 17* sludges and filter cakes from flue-gas treatment containing dangerous substances
10 11 19* solid wastes from on-site effluent treatment containing dangerous substances

10 12 wastes from manufacture of ceramic goods, bricks, tiles and construction products

10 12 09* solid wastes from gas treatment containing dangerous substances
10 12 11* wastes from glazing containing heavy metals

10 13 wastes from manufacture of cement, lime and plaster and articles and products made from them

10 13 09* wastes from asbestos-cement manufacture containing asbestos
10 13 12* solid wastes from gas treatment containing dangerous substances

10 14 waste from crematoria

10 14 01* waste from gas cleaning containing mercury

**11 WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS;
NON-FERROUS HYDROMETALLURGY**

11 01 wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)

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 11* aqueous rinsing liquids containing dangerous substances
11 01 13* degreasing wastes containing dangerous substances
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 02 wastes from non-ferrous hydrometallurgical processes

11 02 02* sludges from zinc hydrometallurgy (including jarosite, goethite)
11 02 05* wastes from copper hydrometallurgical processes containing dangerous substances
11 02 07* other wastes containing dangerous substances

11 03 sludges and solids from tempering processes

11 03 01* wastes containing cyanide
11 03 02* other wastes

11 05 wastes from hot galvanising processes

11 05 03* solid wastes from gas treatment
11 05 04* spent flux

12 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS

12 01 wastes from shaping and physical and mechanical surface treatment of metals and plastics

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 14* machining sludges containing dangerous substances
12 01 16* waste blasting material containing dangerous substances
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 03 wastes from water and steam degreasing processes (except 11)

12 03 01* aqueous washing liquids
12 03 02* steam degreasing wastes

13 OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)

13 01 waste hydraulic oils

13 01 01* hydraulic oils, containing PCBs¹
13 01 04* chlorinated emulsions
13 01 05* non-chlorinated emulsions
13 01 09* mineral-based chlorinated hydraulic oils
13 01 10* mineral based non-chlorinated hydraulic oils
13 01 11* synthetic hydraulic oils
13 01 12* readily biodegradable hydraulic oils
13 01 13* other hydraulic oils

13 02 waste engine, gear and lubricating oils

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

13 03 waste insulating and heat transmission 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 03 10* other insulating and heat transmission oils

13 04 bilge 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 oil/water separator contents

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 wastes of liquid fuels

13 07 01* fuel oil and diesel
13 07 02* petrol
13 07 03* other fuels (including mixtures)

13 08 oil wastes not otherwise specified

13 08 01* desalter sludges or emulsions
13 08 02* other emulsions
13 08 99* wastes not otherwise specified

¹ For the purpose of this list of wastes, PCBs will be defined as in Directive 96/59/EC.

14 WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS(except 07 and 08)

14 06 waste organic solvents, refrigerants and foam/aerosol propellants

14 06 01* chlorofluorocarbons, HCFC, HFC
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 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED

15 01 packaging (including separately collected municipal packaging waste)

15 01 10* packaging containing residues of or contaminated by dangerous substances
15 01 11* metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers

15 02 absorbents, filter materials, wiping cloths and protective clothing

15 02 02* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

16 WASTES NOT OTHERWISE SPECIFIED IN THE LIST

16 01 end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 6 06 and 16 08)

16 01 04* end-of-life vehicles
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 12 brake pads other than those mentioned in 16 01 11
16 01 13* brake fluids
16 01 14* antifreeze fluids containing dangerous substances
16 01 21* hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14

16 02 wastes from electrical and electronic equipment

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 components² other than those mentioned in 16 02 09 to 16 02 12
16 02 15* hazardous components removed from discarded equipment

16 03 off-specification batches and unused products

16 03 03* inorganic wastes containing dangerous substances
16 03 05* organic wastes containing dangerous substances
16 03 07* metallic mercury

16 05 gases in pressure containers and discarded chemicals

16 05 04* gases in pressure containers (including halons) containing dangerous substances
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

²Hazardous components from electrical and electronic equipment may include accumulators and batteries mentioned in 16 06 and marked as hazardous; mercury switches, glass from cathode ray tubes and other activated glass, etc.

16 06 batteries and accumulators

16 06 01* lead batteries
16 06 02* Ni-Cd batteries
16 06 03* mercury-containing batteries
16 06 06* separately collected electrolyte from batteries and accumulators

16 07 wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)

16 07 08* wastes containing oil
16 07 09* wastes containing other dangerous substances

16 08 spent catalysts

16 08 02* spent catalysts containing dangerous transition metals(3) or dangerous transition metal compounds
16 08 05* spent catalysts containing phosphoric acid
16 08 06* spent liquids used as catalysts
16 08 07* spent catalysts contaminated with dangerous substances

16 09 oxidising substances

16 09 01* permanganates, for example potassium permanganate
16 09 02* chromates, for example potassium chromate, potassium or sodium dichromate
16 09 03* peroxides, for example hydrogen peroxide
16 09 04* oxidising substances, not otherwise specified

16 10 aqueous liquid wastes destined for off-site treatment

16 10 01* aqueous liquid wastes containing dangerous substances
16 10 03* aqueous concentrates containing dangerous substances

16 11 waste linings and refractories

16 11 01* carbon-based linings and refractories from metallurgical processes containing dangerous substances
16 11 03* other linings and refractories from metallurgical processes containing dangerous substances
16 11 05* linings and refractories from non-metallurgical processes containing dangerous substances

17 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)

17 01 concrete, bricks, tiles and ceramics

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

17 02 wood, glass and plastic

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

17 03 bituminous mixtures, coal tar and tarred products

17 03 01* bituminous mixtures containing coal tar

17 03 03* coal tar and tarred products

³For the purpose of this entry, transition metals are: scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum. These metals or their compounds are dangerous if they are classified as dangerous substances. The classification of dangerous substances shall determine which among those transition metals and which transition metal compounds are hazardous.

17 04 metals (including their alloys)

17 04 09* metal waste contaminated with dangerous substances

17 04 10* cables containing oil, coal tar and other dangerous substances

17 05 soil (including excavated soil from contaminated sites), stones and dredging spoil

17 05 03* soil and stones containing dangerous substances

17 05 05* dredging spoil containing dangerous substances

17 05 07* track ballast containing dangerous substances

17 06 insulation materials and asbestos-containing construction materials

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 gypsum-based construction material

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

17 09 other construction and demolition wastes

17 09 01* construction and demolition wastes containing mercury

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)

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

18 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)

18 01 wastes from natal care, diagnosis, treatment or prevention of disease in human

18 01 06* chemicals consisting of or containing dangerous substances

18 01 10* amalgam waste from dental care

18 02 wastes from research, diagnosis, treatment or prevention of disease involving animals

18 02 05* chemicals consisting of or containing dangerous substances

19 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE

19 01 wastes from incineration or pyrolysis of waste

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 13* fly ash containing dangerous substances

19 01 15* boiler dust containing dangerous substances

19 01 17* pyrolysis wastes containing dangerous substances

19 02 wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)

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 07* oil and concentrates from separation
19 02 08* liquid combustible wastes containing dangerous substances
19 02 09* solid combustible wastes containing dangerous substances
19 02 11* other wastes containing dangerous substances

19 03 stabilised/solidified wastes

19 03 04* wastes marked as hazardous, partly stabilised
19 03 06* wastes marked as hazardous, solidified

19 04 vitrified waste and wastes from vitrification

19 04 02* fly ash and other flue-gas treatment wastes
19 04 03* non-vitrified solid phase

19 07 landfill leachate

19 07 02* landfill leachate containing dangerous substances

19 08 wastes from waste water treatment plants not otherwise specified

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 10* grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 08 11* sludges containing dangerous substances from biological treatment of industrial waste water
19 08 12 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 10 wastes from shredding of metal-containing wastes

19 10 03* fluff-light fraction and dust containing dangerous substances
19 10 05* other fractions containing dangerous substances

19 11 wastes from oil regeneration

19 11 01* spent filter clays
19 11 02* acid tars
19 11 03* aqueous liquid wastes
19 11 04* wastes from cleaning of fuel with bases
19 11 05* sludges from on-site effluent treatment containing dangerous substances
19 11 07* wastes from flue-gas cleaning

19 12 wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified

19 12 06* wood containing dangerous substances
19 12 11* other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances

19 13 wastes from soil and groundwater remediation

19 13 01* solid wastes from soil remediation containing dangerous substances
19 13 03* sludges from soil remediation containing dangerous substances
19 13 05* sludges from groundwater remediation containing dangerous substances
19 13 07* aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances

20 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS

20 01 separately collected fractions (except 15 01)

20 01 13* solvents
20 01 14* acids
20 01 15* alkalines
20 01 17* photochemicals
20 01 19* pesticides
20 01 21* fluorescent tubes and other mercury-containing waste
20 01 23* discarded equipment containing chlorofluorocarbons

20 01 26* oil and fat other than those mentioned in 20 01 25
20 01 27* paint, inks, adhesives and resins containing dangerous substances
20 01 29* detergents 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 35* discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components(6)
20 01 37* wood containing dangerous substances

Non-hazardous wastes

01 WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS

01 01 wastes from mineral excavation

01 01 01 wastes from mineral metalliferous excavation
01 01 02 wastes from mineral non-metalliferous excavation

01 03 wastes from physical and chemical processing of metalliferous minerals

01 03 06 tailings other than those mentioned in 01 03 04 and 01 03 05
01 03 08 dusty and powdery wastes other than those mentioned in 01 03 07
01 03 09 red mud from alumina production other than the wastes mentioned in 01 03 07

01 04 wastes from physical and chemical processing of non-metalliferous minerals

01 04 08 waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09 waste sand and clays
01 04 10 dusty and powdery wastes other than those mentioned in 01 04 07
01 04 11 wastes from potash and rock salt processing other than those mentioned in 01 04 07
01 04 12 tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11
01 04 13 wastes from stone cutting and sawing other than those mentioned in 01 04 07

01 05 drilling muds and other drilling wastes

01 05 04 freshwater drilling muds and wastes
01 05 07 barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
01 05 08 chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06

02 WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING

02 01 wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 01 sludges from washing and cleaning
02 01 03 plant-tissue waste
02 01 04 waste plastics (except packaging)
02 01 07 wastes from forestry
02 01 09 agrochemical waste other than those mentioned in 02 01 08
02 01 10 waste metal

02 02 wastes from the preparation and processing of meat, fish and other foods of animal origin

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 03 wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation

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 04 wastes from sugar processing

02 04 01 soil from cleaning and washing beet
02 04 02 off-specification calcium carbonate
02 04 03 sludges from on-site effluent treatment

02 05 wastes from the dairy products industry

02 05 01 materials unsuitable for consumption or processing
02 05 02 sludges from on-site effluent treatment

02 06 wastes from the baking and confectionery industry

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 07 wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)

02 07 01 wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02 wastes from spirits distillation
02 07 03 wastes from chemical treatment
02 07 04 materials unsuitable for consumption or processing
02 07 05 sludges from on-site effluent treatment

03 WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD

03 01 wastes from wood processing and the production of panels and furniture

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

03 03 wastes from pulp, paper and cardboard production and processing

03 03 01 waste bark and wood
03 03 02 green liquor sludge (from recovery of cooking liquor)
03 03 05 de-inking sludges from paper recycling
03 03 07 mechanically separated rejects from pulping of waste paper and cardboard
03 03 08 wastes from sorting of paper and cardboard destined for recycling
03 03 09 lime mud waste
03 03 10 fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
03 03 11 sludges from on-site effluent treatment other than those mentioned in 03 03 10

04 WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES

04 01 wastes from the leather and fur industry

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 08 waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
04 01 09 wastes from dressing and finishing

04 02 wastes from the textile industry

04 02 09 wastes from composite materials (impregnated textile, elastomer, plastomer)
04 02 10 organic matter from natural products (for example grease, wax)
04 02 15 wastes from finishing other than those mentioned in 04 02 14
04 02 17 dyestuffs and pigments other than those mentioned in 04 02 16
04 02 20 sludges from on-site effluent treatment other than those mentioned in 04 02 19
04 02 21 wastes from unprocessed textile fibres
04 02 22 wastes from processed textile fibres

05 WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL

05 01 wastes from petroleum refining

05 01 10 sludges from on-site effluent treatment other than those mentioned in 05 01 09
05 01 13 boiler feedwater sludges
05 01 14 wastes from cooling columns
05 01 16 sulphur-containing wastes from petroleum desulphurisation
05 01 17 bitumen

05 06 wastes from the pyrolytic treatment of coal

05 06 04 waste from cooling columns

05 07 wastes from natural gas purification and transportation

05 07 02 wastes containing sulphur

06 WASTES FROM INORGANIC CHEMICAL PROCESSES

06 03 wastes from the MFSU of salts and their solutions and metallic oxides

06 03 14 solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
06 03 16 metallic oxides other than those mentioned in 06 03 15

06 05 sludges from on-site effluent treatment

06 05 03 sludges from on-site effluent treatment other than those mentioned in 06 05 02

06 06 wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes

06 06 03 wastes containing sulphides other than those mentioned in 06 06 02

06 09 wastes from the MFSU of phosphorus chemicals and phosphorus chemical processes

06 09 02 phosphorus slag
06 09 04 calcium-based reaction wastes other than those mentioned in 06 09 03

06 11 wastes from the manufacture of inorganic pigments and opacifiers

06 11 01 calcium-based reaction wastes from titanium dioxide production

06 13 wastes from inorganic chemical processes not otherwise specified

06 13 03 carbon black

07 WASTES FROM ORGANIC CHEMICAL PROCESSES

07 01 wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals

07 01 12 sludges from on-site effluent treatment other than those mentioned in 07 01 11

07 02 wastes from the MFSU of plastics, synthetic rubber and man-made fibres

07 02 12 sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 02 13 waste plastic
07 02 15 wastes from additives other than those mentioned in 07 02 14
07 02 17 waste containing silicones other than those mentioned in 07 02 16

07 03 wastes from the MFSU of organic dyes and pigments (except 06 11)

07 03 12 sludges from on-site effluent treatment other than those mentioned in 07 03 11

07 04 wastes from the MFSU of organic plant protection products (except 02 0108 and 02 01 09), wood preserving agents (except 03 02) and other biocides

07 04 12 sludges from on-site effluent treatment other than those mentioned in 07 04 11

07 05 wastes from the MFSU of pharmaceuticals

07 05 12 sludges from on-site effluent treatment other than those mentioned in 07 05 11

07 05 14 solid wastes other than those mentioned in 07 05 13

07 06 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics

07 06 12 sludges from on-site effluent treatment other than those mentioned in 07 06 11

07 07 wastes from the MFSU of fine chemicals and chemical products not otherwise specified

07 07 12 sludges from on-site effluent treatment other than those mentioned in 07 07 11

08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS

08 01 wastes from MFSU and removal of paint and varnish

08 01 12 waste paint and varnish other than those mentioned in 08 01 11

08 01 14 sludges from paint or varnish other than those mentioned in 08 01 13

08 01 16 aqueous sludges containing paint or varnish other than those mentioned in 08 01 15

08 01 18 wastes from paint or varnish removal other than those mentioned in 08 01 17

08 01 20 aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19

08 02 wastes from MFSU of other coatings (including ceramic materials)

08 02 01 waste coating powders

08 02 02 aqueous sludges containing ceramic materials

08 02 03 aqueous suspensions containing ceramic materials

08 03 wastes from MFSU of printing inks

08 03 07 aqueous sludges containing ink

08 03 08 aqueous liquid waste containing ink

08 03 13 waste ink other than those mentioned in 08 03 12

08 03 15 ink sludges other than those mentioned in 08 03 14

08 03 18 waste printing toner other than those mentioned in 08 03 17

08 04 wastes from MFSU of adhesives and sealants (including waterproofing products)

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

08 04 12 adhesive and sealant sludges other than those mentioned in 08 04 11

08 04 14 aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13

08 04 16 aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15

09 WASTES FROM THE PHOTOGRAPHIC INDUSTRY

09 01 wastes from the photographic industry

09 01 07 photographic film and paper containing silver or silver compounds

09 01 08 photographic film and paper free of silver or silver compounds

09 01 10 single-use cameras without batteries

09 01 12 single-use cameras containing batteries other than those mentioned in 09 01 11

10 WASTES FROM THERMAL PROCESSES

10 01 wastes from power stations and other combustion plants (except 19)

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

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

10 01 19 wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18

10 01 21 sludges from on-site effluent treatment other than those mentioned in 10 01 20

10 01 23 aqueous sludges from boiler cleansing other than those mentioned in 10 01 22

10 01 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 02 wastes from the iron and steel industry

10 02 01 wastes from the processing of slag

10 02 02 unprocessed slag

10 02 08 solid wastes from gas treatment other than those mentioned in 10 02 07

10 02 10 mill scales

10 02 12 wastes from cooling-water treatment other than those mentioned in 10 02 11

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 03 wastes from aluminium thermal metallurgy

10 03 02 anode scraps

10 03 05 waste alumina

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

10 03 18 carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17

10 03 20 flue-gas dust other than those mentioned in 10 03 19

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

10 03 24 solid wastes from gas treatment other than those mentioned in 10 03 23

10 03 26 sludges and filter cakes from gas treatment other than those mentioned in 10 03 25

10 03 28 wastes from cooling-water treatment other than those mentioned in 10 03 27

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

10 04 wastes from lead thermal metallurgy

10 04 10 wastes from cooling-water treatment other than those mentioned in 10 04 09

10 05 wastes from zinc thermal metallurgy

10 05 01 slags from primary and secondary production

10 05 04 other particulates and dust

10 05 09 wastes from cooling-water treatment other than those mentioned in 10 05 08

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

10 06 wastes from copper thermal metallurgy

10 06 01 slags from primary and secondary production

10 06 02 dross and skimmings from primary and secondary production

10 06 04 other particulates and dust

10 06 10 wastes from cooling-water treatment other than those mentioned in 10 06 09

10 07 wastes from silver, gold and platinum thermal metallurgy

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 08 wastes from cooling-water treatment other than those mentioned in 10 07 07

10 08 wastes from other non-ferrous thermal metallurgy

10 08 04 particulates and dust

10 08 09 other slags

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

10 08 13 carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12

10 08 14 anode scrap

10 08 16 flue-gas dust other than those mentioned in 10 08 15

10 08 18 sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17

10 08 20 wastes from cooling-water treatment other than those mentioned in 10 08 19

10 09 wastes from casting of ferrous pieces

10 09 03 furnace slag

10 09 06 casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05

10 09 08 casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07

10 09 10 flue-gas dust other than those mentioned in 10 09 09
10 09 12 other particulates other than those mentioned in 10 09 11
10 09 14 waste binders other than those mentioned in 10 09 13
10 09 16 waste crack-indicating agent other than those mentioned in 10 09 15

10 10 wastes from casting of non-ferrous pieces

10 10 03 furnace slag
10 10 06 casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 08 casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
10 10 10 flue-gas dust other than those mentioned in 10 10 09
10 10 12 other particulates other than those mentioned in 10 10 11
10 10 14 waste binders other than those mentioned in 10 10 13
10 10 16 waste crack-indicating agent other than those mentioned in 10 10 15

10 11 wastes from manufacture of glass and glass products

10 11 03 waste glass-based fibrous materials
10 11 05 particulates and dust
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 14 glass-polishing and -grinding sludge other than those mentioned in 10 11 13
10 11 16 solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 18 sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
10 11 20 solid wastes from on-site effluent treatment other than those mentioned in 10 11 19

10 12 wastes from manufacture of ceramic goods, bricks, tiles and construction products

10 12 01 waste preparation mixture before thermal processing
10 12 03 particulates and dust
10 12 05 sludges and filter cakes from gas treatment
10 12 06 discarded moulds
10 12 08 waste ceramics, bricks, tiles and construction products (after thermal processing)
10 12 10 solid wastes from gas treatment other than those mentioned in 10 12 09
10 12 12 wastes from glazing other than those mentioned in 10 12 11
10 12 13 sludge from on-site effluent treatment

10 13 wastes from manufacture of cement, lime and plaster and articles and products made from them

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 10 wastes from asbestos-cement manufacture other than those mentioned in 10 13 09
10 13 11 wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 13 solid wastes from gas treatment other than those mentioned in 10 13 12
10 13 14 waste concrete and concrete sludge

**11 WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS;
NON-FERROUS HYDROMETALLURGY**

11 01 wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)

11 01 10 sludges and filter cakes other than those mentioned in 11 01 09
11 01 12 aqueous rinsing liquids other than those mentioned in 11 01 11
11 01 14 degreasing wastes other than those mentioned in 11 01 13

11 02 wastes from non-ferrous hydrometallurgical processes

11 02 03 wastes from the production of anodes for aqueous electrolytical processes
11 02 06 wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05

11 05 wastes from hot galvanising processes

11 05 01 hard zinc
11 05 02 zinc ash

12 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF

METALS AND PLASTICS

12 01 wastes from shaping and physical and mechanical surface treatment of metals and plastics

12 01 01 ferrous metal filings and turnings
12 01 02 ferrous metal dust and particles
12 01 03 non-ferrous metal filings and turnings
12 01 04 non-ferrous metal dust and particles
12 01 05 plastics shavings and turnings
12 01 13 welding wastes
12 01 15 machining sludges other than those mentioned in 12 01 14
12 01 17 waste blasting material other than those mentioned in 12 01 16
12 01 21 spent grinding bodies and grinding materials other than those mentioned in 12 01 20

15 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED

15 01 packaging (including separately collected municipal packaging waste)

15 01 01 paper and cardboard packaging
15 01 02 plastic packaging
15 01 03 wooden packaging
15 01 04 metallic packaging
15 01 05 composite packaging
15 01 06 mixed packaging
15 01 07 glass packaging
15 01 09 textile packaging

15 02 absorbents, filter materials, wiping cloths and protective clothing

15 02 03 absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02

16 WASTES NOT OTHERWISE SPECIFIED IN THE LIST

16 01 end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 6 06 and 16 08)

16 01 03 end-of-life tyres
16 01 06 end-of-life vehicles, containing neither liquids nor other hazardous components
16 01 12 brake pads other than those mentioned in 16 01 11
16 01 15 antifreeze fluids other than those mentioned in 16 01 14
16 01 16 tanks for liquefied gas
16 01 17 ferrous metal
16 01 18 non-ferrous metal
16 01 19 plastic
16 01 20 glass
16 01 13 and 16 01 14
16 01 22 components not otherwise specified

16 02 wastes from electrical and electronic equipment

16 02 14 discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 16 components removed from discarded equipment other than those mentioned in 16 02 15

16 03 off-specification batches and unused products

16 03 04 inorganic wastes other than those mentioned in 16 03 03
16 03 06 organic wastes other than those mentioned in 16 03 05

16 05 gases in pressure containers and discarded chemicals

16 05 05 gases in pressure containers other than those mentioned in 16 05 04
16 05 09 discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08

16 06 batteries and accumulators

16 06 04 alkaline batteries (except 16 06 03)
16 06 05 other batteries and accumulators

16 08 spent catalysts

16 08 01 spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
16 08 03 spent catalysts containing transition metals or transition metal³ compounds not otherwise specified
16 08 04 spent fluid catalytic cracking catalysts (except 16 08 07)

16 10 aqueous liquid wastes destined for off-site treatment

16 10 02 aqueous liquid wastes other than those mentioned in 16 10 01
16 10 04 aqueous concentrates other than those mentioned in 16 10 03

16 11 waste linings and refractories

16 11 02 carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01
16 11 04 other linings and refractories from metallurgical processes other than those mentioned in 16 11 03
16 11 06 linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05

17 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)

³For the purpose of this entry, transition metals are: scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum. These metals or their compounds are dangerous if they are classified as dangerous substances. The classification of dangerous substances shall determine which among those transition metals and which transition metal compounds are hazardous.

17 01 concrete, bricks, tiles and ceramics

17 01 01 concrete
17 01 02 bricks
17 01 03 tiles and ceramics
17 01 07 mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06

17 02 wood, glass and plastic

17 02 01 wood
17 02 02 glass
17 02 03 plastic

17 03 bituminous mixtures, coal tar and tarred products

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

17 04 metals (including their alloys)

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 11 cables other than those mentioned in 17 04 10

17 05 soil (including excavated soil from contaminated sites), stones and dredging spoil

17 05 04 soil and stones other than those mentioned in 17 05 03
17 05 06 dredging spoil other than those mentioned in 17 05 05
17 05 08 track ballast other than those mentioned in 17 05 07

17 06 insulation materials and asbestos-containing construction materials

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

17 08 gypsum-based construction material

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

17 09 other construction and demolition wastes

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

18 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)

18 01 wastes from natal care, diagnosis, treatment or prevention of disease in human

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 wastes from research, diagnosis, treatment or prevention of disease involving animals

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 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE

19 01 wastes from incineration or pyrolysis of waste

19 01 02 ferrous materials removed from bottom ash

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

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

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

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

19 01 19 sands from fluidised beds

19 02 wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)

19 02 03 premixed wastes composed only of non-hazardous wastes

19 02 06 sludges from physico/chemical treatment other than those mentioned in 19 02 05

19 02 10 combustible wastes other than those mentioned in 19 02 08 and 19 02 09

19 03 stabilised/solidified wastes

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

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

19 04 vitrified waste and wastes from vitrification

19 04 01 vitrified waste

19 04 04 aqueous liquid wastes from vitrified waste tempering

19 05 wastes from aerobic treatment of solid wastes

19 05 01 non-composted fraction of municipal and similar wastes

19 05 02 non-composted fraction of animal and vegetable waste

19 05 03 off-specification compost

19 06 wastes from anaerobic treatment of waste

19 06 03 liquor from anaerobic treatment of municipal waste

19 06 04 digestate from anaerobic treatment of municipal waste

19 06 05 liquor from anaerobic treatment of animal and vegetable waste

19 06 06 digestate from anaerobic treatment of animal and vegetable waste

19 07 landfill leachate

19 07 03 landfill leachate other than those mentioned in 19 07 02

19 08 wastes from waste water treatment plants not otherwise specified

19 08 01 screenings

19 08 02 waste from desanding

19 08 05 sludges from treatment of urban waste water

19 08 09 grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 12 sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 08 14 sludges from other treatment of industrial waste water other than those mentioned in 19 08 13

19 09 wastes from the preparation of water intended for human consumption or water for industrial use

19 09 01 solid waste from primary filtration and screenings
19 09 02 sludges from water clarification
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 10 wastes from shredding of metal-containing wastes

19 10 01 iron and steel waste
19 10 02 non-ferrous waste
19 10 04 fluff-light fraction and dust other than those mentioned in 19 10 03
19 10 06 other fractions other than those mentioned in 19 10 05

19 11 wastes from oil regeneration

19 11 06 sludges from on-site effluent treatment other than those mentioned in 19 11 05

19 12 wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletizing) not otherwise specified

19 12 01 paper and cardboard
19 12 02 ferrous metal
19 12 03 non-ferrous metal
19 12 04 plastic and rubber
19 12 05 glass
19 12 07 wood other than that mentioned in 19 12 06
19 12 08 textiles
19 12 09 minerals (for example sand, stones)
19 12 10 combustible waste (refuse derived fuel)
19 12 12 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11

19 13 wastes from soil and groundwater remediation

19 13 02 solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04 sludges from soil remediation other than those mentioned in 19 13 03
19 13 06 sludges from groundwater remediation other than those mentioned in 19 13 05
19 13 08 aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07

20 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS

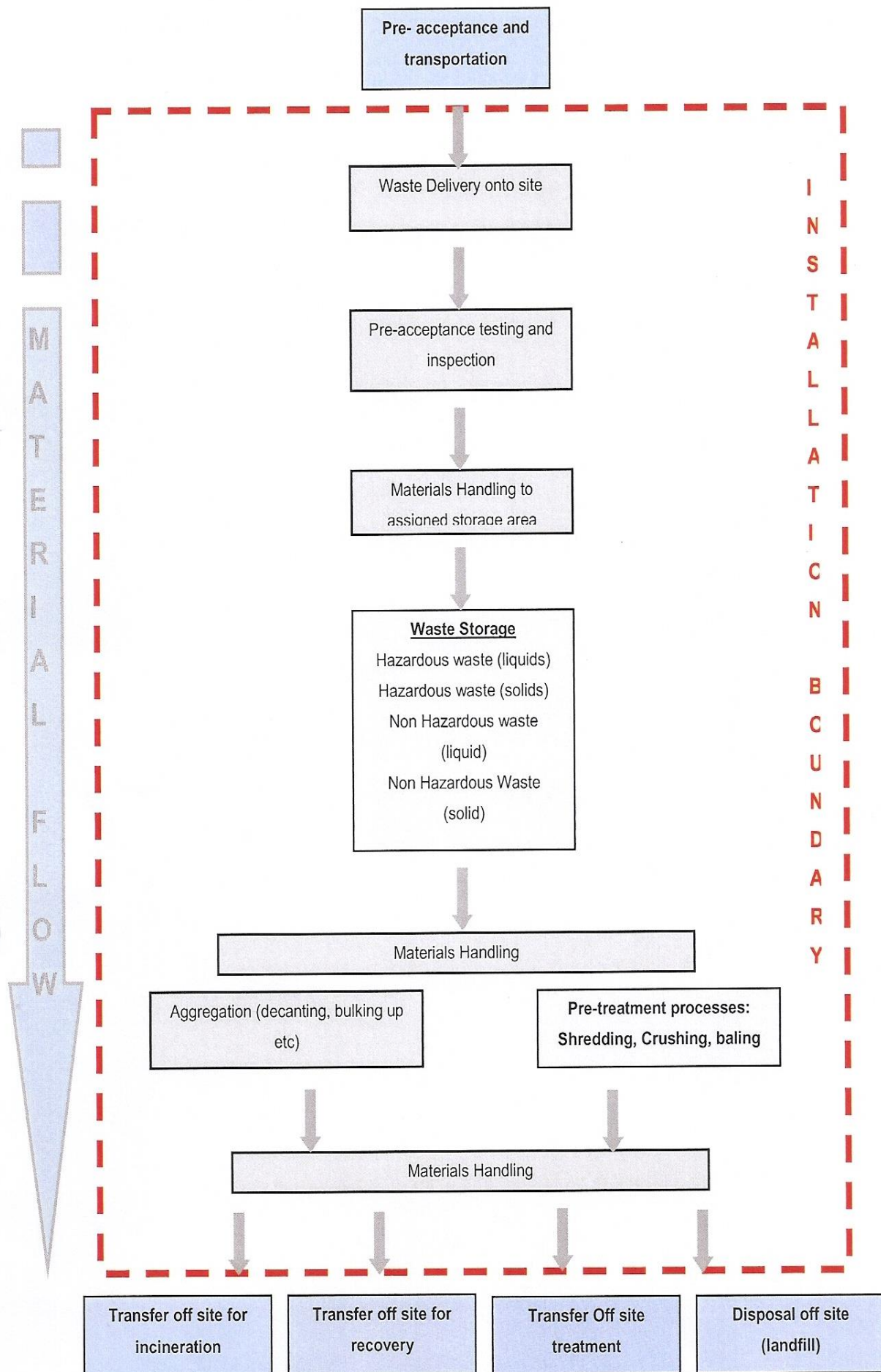
20 01 separately collected fractions (except 15 01)

20 01 01 paper and cardboard
20 01 02 glass
20 01 08 biodegradable kitchen and canteen waste
20 01 10 clothes
20 01 11 textiles
20 01 25 edible oil and fat
20 01 28 paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 30 detergents other than those mentioned in 20 01 29
20 01 32 medicines other than those mentioned in 20 01 31
20 01 34 batteries and accumulators other than those mentioned in 20 01 33
20 01 36 discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38 wood other than that mentioned in 20 01 37
20 01 39 plastics
20 01 40 metals
20 01 41 wastes from chimney sweeping

20 02 garden and park wastes (including cemetery waste)

20 02 01 biodegradable waste
20 02 02 soil and stones
20 02 03 other non-biodegradable wastes
20 03 other municipal wastes
20 03 01 mixed municipal waste
20 03 02 waste from markets
20 03 03 street-cleaning residues
20 03 07 bulky waste

END OF PERMIT



Pre-treatment Processes – Shredding

All wastes which cannot be directly transferred, aggregated, recycled or disposed will undergo pre-treatment on site. These core-treatments include shredding, crushing and bailing. Waste Matters Ltd operate an integrated shredding and separation unit for the breaking down of waste streams which due to their liquid fraction cannot be disposed of directly to landfill. Typically the wastes which are processed through this equipment are barrels, bottles and other containers.

The integrated shredding equipment installed at Waste Matters Ltd has three main components. Firstly the waste materials are placed on a transfer conveyor which transfers the waste into the main shredding head. The shredding head is an elevated unit which consists of rotating blades for the shredding of wastes. Below the head unit is a vibrating screen which allows the solid and liquid fractions of the waste to be collected independently. Thirdly, the subsequent solid waste fractions are then transferred to separate collection vessels via a transfer conveyor. All liquid wastes are then collected within an IBC which is connected to the collection tank located below the shredding head. All solid wastes are collected within a waste collection and compaction unit.



Shredding Head

Wastes are loaded here

Waste loading conveyor



Shredding head

Vibrating screen

Liquid waste collection tank

Waste compaction head



Solid waste conveyor

Solid waste compactor

Solid Waste transfer conveyor and compactor

Crushing and compaction

Waste Matters Ltd operate one hydraulic single chamber compaction unit for the compaction of wastes which have a very high void space such as drums and barrels. Although a majority of the barrels and containers which are processed through this equipment will be free of any liquids, this unit is fitted with a collection tray for the collection of residual product which may be present inside the containers.



Drum crushing equipment

Oil Filter compaction and bailing

Waste Matters Ltd operate an integrated compaction and bailing machine for the reclamation of automotive oil filters. Nominally empty oil filter bodies are loaded into the main chamber of the bailing machine where they are sheared and compressed. The shearing and compressing action of the compaction head effectively removes a majority of the residual oil which then collects within a dedicated collection sump. The volume of the collection sump is 4.6 cubic metres (4600L), which is then over pumped to an IBC for off-site reclamation. The equipment automatically produces compressed steel oil filter bales with a nominal dimension of approximately 150mm x 150mm. The bales are then ejected through the front of the equipment via a chute and into a collection skip. All compressed filter bodies and collected oils are then transferred off site for recycling. The equipment has a nominal maximum load capacity of capacity of 1100 litres which can be loaded into the main chamber at any one time. This equipment is installed inside the existing bunded area adjacent to the main shredding and bailing machine.



Loading hopper

80T Hydraulic ram

Collection tanks

Oil filter crushing equipment

In accordance to the sector guidance note IPPC S5.06 the indicative BAT requirements for crushing and shredding processes are detailed below:-

- All wastes are required to undergo pre-acceptance prior to being crushed and shredded;
- Drums and containers which contain residual flammable, highly flammable and volatile substances should not be subject to crushing, unless the residues have been removed and the drum cleaned;
- Containers in sound condition which can be re-used should not be subject to shredding and disposal;
- Processing containers should be undertaken following written instruction;
- Wherever there is significant release to air emissions be reduced through the use of interlocked abatement (e.g. oil scrubbers and activated carbon plant); and
- Sealed containers and drainage systems for liquids and wastes where necessary.

Measures for Waste Storage

The Waste Matters Ltd site has been designed such that waste storage and segregation can be assured without the risk of mixing and storing incompatible wastes. The storage areas are divided into two general areas.

- External storage area; and
- Internal (Covered) areas.
-

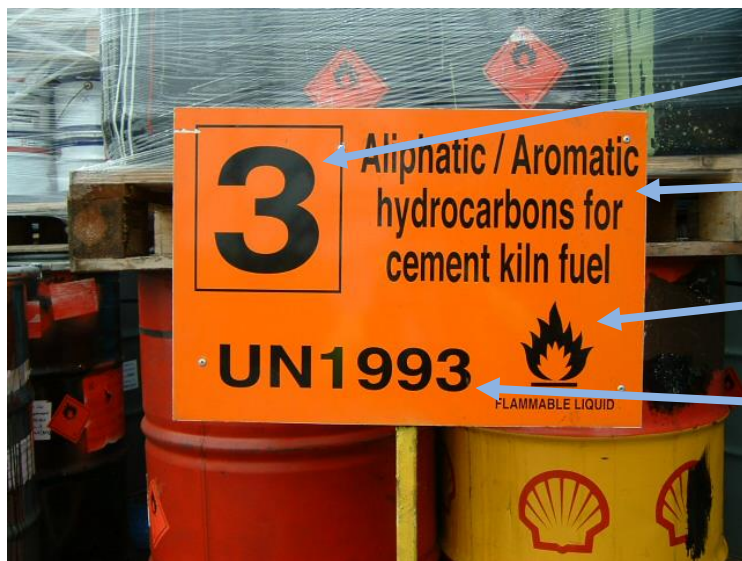
The layout of the storage areas on site are identified on the site map and the table below clearly defines the storage use for each bay.

<i>Bay No</i>	<i>Waste Type Locations</i>
1	IMS/Waste
2	Solvent for recovery
3	Viscous solvent
4	Oil for recovery
5	Soluble oil
6	Cosmetic waste, biodegradable/aqueous waste with high COD
7	Material for landfill
7A	Oil sludge
8	Material for treatment – basics, oxidisers and corrosives
9	Pesticides, asbestos, mercury and gas cylinders
10)	Materials for treatment (acids and oxidisers
11	Laboratory reagents (storage area)
12	Laboratory reagents (sorting area)
13	Cyanides
14	Materials for landfill
15)	Priority treatment (part full/re-drumming)
16	Aerosols, batteries and quarantine
S1	40 yard skip for non-compactable inert material and powders
S7	40 yard enclosed compactor bin for compacting shredded material
-	Security store – high value products e.g. perfumes

External Storage areas

All liquid and non-reactive solid wastes transferred from the pre-acceptance compound (the unloading bay) which are scheduled for either aggregation, pre-treatment or off-site disposal will be transferred to one of the external storage areas (bays 1-7). Each external storage area consists of a dedicated bay (or number of bays) for the storage of materials. The bays are configured in a manner that enables compatible wastes to be stored together and incompatible wastes to be segregated. Generally separation and segregation is achieved through a combination of physical distance and through the use of a masonry barrier. All of the external bays are constructed with concrete flooring and are contained on three sides by a masonry bund wall. In all cases, liquid wastes are stored in sealed containers in volumes up to 1000L. Each bay is individually identified with an appropriate UN classification label and hazard code.

All Special Wastes are stored to minimise the risk of escape and release into the environment or risk to health to people on-site.



Storage bay number / area

General Description

Hazard Warning Logo

UN Number

Storage Bay signage



Waste Identity Label

Bay Identity sign

External storage bays

Internal Storage Areas

All reactive and hazardous solid wastes are transferred into the internal waste storage bays. The internal area is inside the main suite building which is of a 'Dutch' barn construction and is located approximately central to the main site.

Typically the waste stored within this area consist of the following materials;

- hazardous metals compounds;
- asbestos containing materials (ACM's);
- pesticides;
- polychlorinated Bi-Phenols (PCB's);
- batteries;
- cyanides;
- laboratory reagents;
- miscellaneous packaged chemicals;
- environmental material which have the potential to be affected by the weather.

In addition, high value waste such as pharmaceutical, cosmetic waste and information technology wastes are segregated and stored within a separate locked internal compound.

In common with the external storage areas, the internal storage area consists of dedicated bays for the storage of individual materials (bays 8-16). Again, these bays are configured in a manner that enables compatible wastes to be stored together and incompatible wastes to be segregated. Generally separation and segregation is achieved through and combination of physical distance and through the use of a masonry barrier. All of the bays are constructed with concrete flooring and are contained on three sides by a masonry bund wall. In all cases, liquid wastes are stored in sealed containers in volumes up to 1000L. Each bay is individually identified with an appropriate UN classification label and hazard code.



Internal storage of Hazardous materials

Storage of laboratory smalls

Written procedures are in place using a system of chemical segregation by reactive group. This ensures that all wastes are clearly listed within or adjacent to each container. All individual bottles are stored sealed and separated by the use of vermiculite packing; and empty drums, previously used for laboratory smalls are crushed and disposed of to landfill.



Storage of lab smalls.



Laboratory smalls - identification

The indicative BAT requirements for waste storage, as indicated by the guidance document IPPC S5:06 are listed below, these requirements state;

Regarding the storage location and general operations of the site;

- The location should be away from sensitive land;
- The double handling of wastes should be minimised;
- All storage areas and containers should be clearly marked and signed;
- The site should have proper drainage systems in place;
- All storage areas and containers should undergo regular inspection and maintenance;
- Emergency measures should be in place;
- There needs to be adequate vehicular and pedestrian access; and
- The site should maintain a spillage report / log book.

The following measures have been put in place at Waste Matters Ltd in order to properly store waste and track waste movement in order to avoid environmental impacts:

Wastes accepted by Waste Matters Ltd are stored in individual bays within the bunded section of the installation, as a logistical response to the requirement for effective segregation of individual waste streams. The permitted area comprises external concrete hardstanding, and the periphery is completely bunded. Each bay is separated by either a metal rail or a breeze block constructed wall, (3m high), depending on incompatibility risk. Furthermore, each bay is appropriately and visibly labelled by waste type, hazard characteristics etc. Finally, each container is clearly, visibly and individually labelled to include, description, shipping name, UN number, delivery date, consignment note, hazard classification and hazard diamond.

Storage bays are inspected on a daily basis and periodically emptied to facilitate cleaning, to avoid residue build-up and to allow for concrete and bund inspections. A formal inspection occurs on a monthly basis which is recorded and documented within the site diary.

The site is generally arranged to allow for adequate vehicular and pedestrian access. All storage areas are served by sealed drainage system into underground tanks.

IBC's and drums stored in bays numbered 1 through to 8 are located external to the building, whereas those in bays 9 through 17 are under building cover. Bays in both areas are spacious and well ventilated.

Skips

The majority of general, inert, non-compactable wastes received on site are disposed of via a 40yd³ skip, located externally and adjacent to the Outgoing Waste Storage Area. An internal 40yd skip, is located underneath the compactor, to collect shredded material.

Waste Matters Ltd ensures compliance with the following actions in order to minimise the potential for escape of waste and ensure that skips are not used for improper waste disposal:

- Skips are in good condition and free from corrosion or wear;
- Skips are located on good quality surfaced ground;
- Only wastes that are specifically permitted are put in skips. This is checked and verified by the site chemist
- The skip is not over-filled and is collected by a suitably authorised contractor when required

IBC's and Drums

IBCs and drums containing waste solids and liquids are stored in allocated bays across the site as per the site plan. In general wastes are stored in 25L, 50L, 205L or 1000L containers. Certain hazardous materials are aggregated and transferred off site within sealed drums or containers. This decision is dependent on the associated properties of the waste.

In general any remaining IBC's or drums are reused or sent offsite for reconditioning. Any container which is deemed to be in a poor condition is crushed and sent for off-site recycling.

The following good practice measures relate primarily to the storage of IBC's and drums containing waste liquids, but also waste solids and nominally empty IBC's / drums which are stored in the same way:

- All IBC's and drums containing waste are lidded or capped and labelled. The label includes a description of the waste and the date that the waste was transferred to the bunded storage area;
- Containers and drums are stored with lids and bungs in place to prevent emissions and/or leakage;
- All waste is handled within a bunded area, on concrete hardstanding surface, to ensure any spillage is contained
- Nominally empty IBC's and drums are stored in the concrete yard areas,
- All wastes which are deemed to be potentially reactive with water, are stored undercover;
- All wastes whose packaging is susceptible to damage from the weather is stored undercover;
- Heat and light reactive substances are stored internally;
- All flammable substances are stored in accordance with HSG requirements;
- Segregation is achieved by storing chemically incompatible wastes physically apart

Spillages

The site operates procedures for containment of minor and major spillages, which are all detailed within the Operation Manual.

In accordance to site procedure, all spillage reports are written by the appropriate line manager, recorded in the incident log and passed onto the technically competent person for further action.

Waste turnover and retention

As a general rule, accepted wastes are transferred from the unloading area, to the appropriate bay within 48 hours. In most cases, wastes, including waste in drums, are not held on site for a period in excess of 6 months as per the requirements of the site licence or unless prior written agreement is attained from the EA.

Bulking up of wastes

When waste materials are aggregated and bulk up prior to offsite transfers a number of specific tests and checks are made. Material is only bulked together when the site chemist or other competent member of staff has deemed it compatible and not liable to react, and all checks have been made. Additional considerations that are made in relation to bulking up are;

- Bulk materials in drums are stored with lids and bungs in place to prevent emissions and leakage
- Only small volumes of material are transferred at any one time
- Consideration is given to HSG143.

Site Diary and Record keeping

The site diary is the key document on site regarding the recording of vehicle arrivals, transfers, incidents and events. The site diary is the first point of reference in the event of an inquiry concerning a particular consignment of waste. Additional duty of care records such as transfer notes, consignment notes, applicable site licences and carriers certificates are all kept on file as per the requirements of the 'duty of care' regulations.

Waste Water

Pre-treatment yard wash down water

Due to a combination of the nature of the wastes stored on site and processes taking place within the pre-treatment areas, housekeeping and yard washing is a key requirement for the site. All areas, in particular the pre-treatment areas are systematically washed down into the underground storage tank T5. This tank is clearly identified on the site plan.

The resulting wash down water effluent includes silt, general debris, oils, soluble oils, rust and residual quantities of chemicals arising from drum washings. These are likely the result of build-up residues and/or spillages from emptying drums into skips or vacuum tankers. Material delivered to the site, which fall into the "oil and water" category, can also be decanted directly into T5. Finally, a large quantity of T5 will be rainwater.

The contents of T5, categorised as "oil and water", are periodically vacuum pumped into a tanker and transferred to an off-site treatment works prior to final discharge.

Rainwater run-off

Rainwater that falls within the remaining areas of the site, accumulates within the Underground Storage Tanks T4 (located in the Outgoing Waste Storage Area); and T6 (located in the unloading area). The content of these tanks is generally uncontaminated rainwater run-off, which is vacuum pumped into a tanker for off-site disposal by a licensed contractor.

Sanitation waste water

As Waste Matters Ltd is not connected directly to mains sewer system and the company has no discharge authorisations, all sanitation waste water tailings are stored within a liquid waste collection and treatment tank, which subsequently flows to a herringbone drain and soak away. All solid waste retained within the treatment tank is routinely removed and treated offsite by a suitably authorised contractor.

Waste Handling Summary

Waste Matters Ltd, Westbury accepts both liquid and solid hazardous and non-hazardous wastes from activities derived off-site by third parties. Wherever possible Industry best practice (i.e. Best Available Techniques) has been adopted for waste handling and disposal. Waste Matters Ltd, Westbury keeps accurate records of all inbound and outbound waste types and final disposal arrangements.

All wastes are inspected prior to being accepted on site and are stored in a clearly labelled and identified manner. The site operates in accordance to a strict set of operation procedures which are designed to meet the sector best practice guidelines as established within IPPC S5:06.

Waste Recycling, Recovery and Disposal



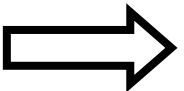

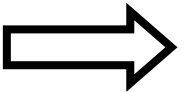

Waste generated at the site is segregated by waste type (as detailed in table below). Specialist waste contractors have been appointed for each waste type. A high percentage of the waste types collected from the site are reused, recovered or recycled. However there are areas where it is not technically or economically possible to recycle or recover wastes, as discussed below.

Landfill Directive and Hazardous Waste Regulations

The Landfill (England and Wales) Regulations 2002 place a number of restrictions on landfill sites, including classifying all landfill sites into one of three categories depending on the waste type they are licensed to receive: hazardous, non-hazardous or inert. Co-disposal of different waste types is now prohibited as is the disposal of liquid hazardous waste to landfill.

Disposal of hazardous wastes is now increasingly difficult under the Landfill Directive as at present.

The incumbent Hazardous Waste Regulations now increase the scope of substances defined as hazardous waste. Together with the Landfill Regulations, not only have hazardous waste disposal options been curtailed, the scope of waste types qualifying as hazardous (and to be disposed of as such) has increased. The associated increase in costs means that techniques which implement the philosophy of the waste management hierarchy (in preferential order, eliminate, reduce, reuse, recover, recycle and dispose) are now more economically attractive. In reference to the above, Waste Matters Ltd will attempt to divert as much waste as possible away from landfill disposal and incineration. Where landfill and incineration are the current disposal routes, Waste Matters Ltd continues to review the provision of recovery and recycling opportunities provided by alternative contractors. In addition, as and when new waste contractors are selected for the site, recovery and recycling opportunities will be included as a key requirement within the selection process.

Retail packaging Shampoos / Conditioners		Shredded
Aerosols and batteries Solvents Oils Recoverable Metals Empty Drums Wooden Pallets. Hazardous WEEE		Recycling / Reprocessing / Re-use
Industrial Flammable liquids Laboratory Smalls Pesticides Oil contaminated rag.		Incineration / Incineration with energy recovery
Containers (shredded) General Solid Wastes. Non Hazardous powders		Non hazardous waste treatment / landfill.
Toxic Solid Material Asbestos (drums) Solid & Semi-Solid Waste		Hazardous waste landfill
Flammable liquid (drums) Soluble oil Cosmetics / High COD bulk waste Acids Basics / oxidisers (drums) Cyanides (drums) Contaminated site run off (from UST's).		Off-site specialist waste treatment and disposal

Waste Oils

Waste oils are bulked up into barrels or IBC's and sent off site for recycling and recovery. All higher grades of oils, such as hydraulic oils and lubrication oils are sent off site for recovery and refining. Other oils such as mixed or contaminated oils are reprocessed off site and blended such that they can be resold as waste fuel oils. Oils which contain a high percentage of water are consigned to be used as Cemfuel or other waste oil combustion plant.

Soluble oils and emulsions are transferred directly to a suitably licensed liquid waste treatment plant which is able to separate and recycle the oil fraction.

Waste Solvents

Waste solvents are transferred off site for recovery. A majority of solvents are sent off site and are reused as a fuel for the cement industry (CEMFUEL). All chlorinated and non chlorinated solvents (except those which contain high water content) are transferred off site and are recovered through a process of vacuum distillation. This process will recover in excess of 95% of all of the technically recoverable solvents transferred from the site.

Cosmetic Waste products

All liquid cosmetic wastes are processed through the site shredding plant and separated into the solid and liquid fractions. All solid waste fractions are compacted within the general waste compactor prior to being transferred off site for disposal to landfill. All liquid fractions are collected and transferred off site for treatment within a suitable licensed treatment plant.

Laboratory Chemicals

All laboratory chemicals are aggregated and transferred to a suitable licensed off site hazardous waste processing plant.

Toxic Metals

Wherever possible, metals are aggregated up and sent for recovery (e.g. mercury) at a suitable licensed refinery plant. Other toxic materials, such as cyanides, arsenics etc are sent for off site disposal in a suitable licensed landfill facility.

Information Technology Equipment

All IT equipment handled by the site is disposed of in one of two ways. Wherever possible equipment is recycled and recovered through dedicated electronics recycling processing plants. All non recyclable wastes are processed through the shredding equipment and disposed of in an appropriately licensed landfill facility.

Batteries

Batteries are currently collected and bulked up to 1000L containers prior to being transferred off site for disposal and recovery in an appropriately licensed facility.

Nominally empty IBC's / drums

Nominally empty IBC and drums are generally reused or sent for reconditioning by an appropriately authorised contractor. Where there is an occasional need to dispose of old containers, the drums are collected by an appropriately authorised contractor for recycling. When any IBC reaches the end of its useful life, the metal cages are removed and separately stored prior to collection, also to be recycled.

Rainwater from external bunded compound underground storage tank

All surface water runoff collected within the external bunded compound underground storage tank is taken offsite and transferred through an offsite waste water treatment works

Contaminated Pre-treatment Runoff

All surface water runoff collected within the external bunded compound UST is taken offsite and passed through an offsite waste water treatment works.

Sanitation waste water

As Waste Matters Ltd site is not connected directly to mains sewer, all sanitation waste water tailings are stored within a liquid waste collection and treatment tank. All treated water is discharged through an offsite herringbone drain and soak away. All remaining solids within the treatment tank is removed by tanker and treated offsite by a suitably authorised contractor.

General Waste

General waste is currently disposed of to non-hazardous waste landfill. As part of the Site Improvement Programme, further waste segregation is to be implemented to encourage reuse and recycling of components to this waste stream.

Pallets

Pallets are generally reused by Waste Matters Ltd or sold back to the pallet supplier for reuse if surplus to requirements. Pallets broken from prior usage are disposed of to non-hazardous waste landfill and are subject to review as part of the Site Improvement Programme.

Indicative BAT requirements for waste recovery and disposal require that;

- All wastes should be recovered, unless is technically feasible or economically unpractical to do so;
- Where wastes must be disposed of the operator should provide a detailed assessment identifying the best environmental options for waste disposal;
- All contaminated drums should be drained of their contents prior to transfer to recycling operations. All IBC's should be washed and reconditioned. Damaged containers should be recycled;
- Oil should be recovered wherever possible, where it cannot be recycled utilisation as a secondary fuel is acceptable.

In relation to the above it is considered that the Waste Matters Ltd on the whole meets the indicative BAT requirements regarding Waste recovery, recycling and disposal. There are two key areas (IT equipment and Batteries) where there are new recycling markets which have developed as a function of the new implemented Waste Electronics and Electrical Equipment regulations. Traditionally it has been uneconomically viable to recycle these materials however this situation is changing. One other area where it is not currently financially viable to recycle wastes is the waste plastics which are derived from the shredding and processing of barrels and containers. These wastes are currently disposed of via landfill however as they are not segregated from the general waste stream.

Waste Minimisation, Recovery and Disposal Summary

Waste Matters Ltd recovers and recycles a majority of the wastes processed through the site where it is currently technically feasible and economically viable to do so. Where recovery is not a technically or financially feasible option, wastes are disposed of through off site incineration or landfill. Waste Matters Ltd will investigate the potential to recycle a higher percentage of IT equipment, Batteries and waste plastics which emanate from site. Should it be determined that economically viable alternative disposal routes other than landfill are available to the company, then these alternatives shall be implemented

The company will continue to review all wastes generated and transferred from the site and evaluate all potential disposal options such that the least environmentally impacting option can be selected.

WASTE MATTERS LTD

Hazardous Waste Management

The Courtyard, Jenson Avenue, Commerce Park,

Frome, Somerset. BA11 2FG

Tel: 01373 455101 Fax: 01373 455102

Email: sales@wastematters.co.uk

METHOD STATEMENT

Scope of works: Collection of hazardous waste

Waste Matters Ltd shall provide a suitably equipped vehicle to facilitate the safe collection, transportation and subsequent disposal of chemical waste.

The vehicle shall display orange plates front and rear, will be equipped with first aid kit, fire extinguishers, and protective clothing for the driver.

The vehicle shall be suitably insured to cover the transportation of hazardous goods.

The driver shall be trained to ADR standards and have his licence with him.

On arrival on site the driver shall make himself known to the relevant member of staff. Park the vehicle in a suitable and safe position, and undo the curtains on the side of the vehicle to facilitate loading.

The chemicals and drums should have been labelled or signed, according to your companies chemical storage procedures. If they have not been correctly labelled for transport, the driver will affix the correct label, subject to confirmation of the drums contents from a representative of the 'consignor'.

The drums and packages of waste shall be sound and sealed and, in the opinion of the driver, fit for transport, or the consignment will not be collected.

The waste shall be either soundly stacked on standard sized pallets, or loaded directly onto the bed of the vehicle.

The consignor shall remain responsible for the loading of the waste by fork-lift truck, (or similar). The loading procedure is to be witnessed by, and to the satisfaction of the driver.

The curtains will be secured and the load strapped where necessary.

The relevant sections of the consignment note are to be completed by an authorised member of staff. 'Consignor' section of the paperwork to be retained on site.

The driver will display the correct 'Instructions in Writing' within the cab.

Certificate of Registration under the Waste (England and Wales) Regulations 2011

Regulation authority

Name



Address

National Customer Service Centre
99 Parkway Avenue
Sheffield
S9 4WF

Telephone number

03708 506506

The Environment Agency certify that the following information is entered in the register which they maintain under regulation 28 of the Waste (England and Wales) Regulations 2011.

Carriers details

Name of registered carrier Waste Matters Ltd.

Registered as an upper tier waste carrier, broker and dealer

Registration number CBDU155868

Address of place of business

UNIT K11, THE COURTYARD
JENSON AVENUE
COMMERCE PARK
FROME
BA11 2FG

Telephone number 01373 455101

Date of registration Tuesday 14th February 2017

Expiry date of registration
(unless revoked) Saturday 1st February 2020

Making changes to your registration

Your registration will last 3 years and will need to be renewed after this period. If any of your details change, you must notify us within 28 days of the change.

WAMITAB

WASTE MANAGEMENT INDUSTRY TRAINING AND ADVISORY BOARD

CERTIFICATE No: 0836

CERTIFICATE OF TECHNICAL COMPETENCE

This Certificate confirms that

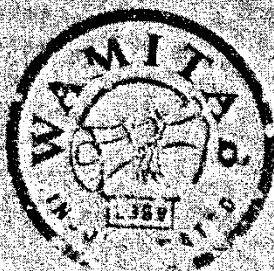
Julian Page

has demonstrated the standard of technical competence required for the management of
a facility of the type set out below

Facility Type

Managing Transfer Operations : Clinical or Special

Waste (Level 4) - TSS4



Authorising Signatures:

Director General

Director

Date of Issue:

25 February 1999



SCOTTISH
QUALIFICATIONS
AUTHORITY



Department
for Transport

This is to certify that

Jeremy White

has qualified as a

DANGEROUS GOODS SAFETY ADVISER

for undertakings which transport dangerous goods and for
undertakings which carry out related loading or unloading in

ALL CLASSES BY ROAD

in accordance with EC Directive 2008/68

and Statutory Instrument 2009 No.1348

until 11 January 2021

Date of Birth: 2 November 1968
Country of Birth: Britain
Nationality: British
Certificate No: 2845589/160111

Signature of Holder:

Dr Janet Brown
Chief Executive
Scottish Qualifications Authority

Jeff Hart
Head of Dangerous Goods Division
Department for Transport



TO WHOM IT MAY CONCERN

11/09/2019

RE: **Waste Matters Ltd**

Please find details of the insurance cover arranged on behalf of the above business. For full terms and conditions please contact us.

Employers Liability

Insurer: AXIS Managing Agency Ltd
Policy Number: B074089130163
Effective period: 13/09/2019 to 13/09/2020
Limit of Indemnity: £10,000,000 (Any one incident)

Public & Products Liability

Insurer: AXIS Managing Agency Ltd
Policy Number: B074089130163
Effective Period: 13/09/2019 to 13/09/2020
Limit of Indemnity: £5,000,000 (any one event in respect of Public Liability and in the aggregate in respect of Products Liability)
Indemnity to Principal: Included

Subject to the Terms, Conditions and Exclusions as stated in the policy wording and schedule

Yours Faithfully

Lisa Everett

For Venture Insurance brokers Ltd

T: 0845 638 4193
F: 0845 638 4194
E: INFO@VENTUREINS.CO.UK
WWW.VENTUREINS.CO.UK

REGISTERED ADDRESS
BAIK HOUSE
1 BURLINGTON ROAD
REDLAND, BRISTOL . BS6 6TJ
COMPANY REG.NO: 7544321

VENTURE INSURANCE IS A TRADING STYLE OF VENTURE INSURANCE BROKERS LTD
AUTHORISED AND REGULATED BY THE FINANCIAL CONDUCT AUTHORITY NO. 592941

Health & Safety Policy Statement for Waste Matters Limited.

1. The promotion of Health & Safety is regarded as a mutual objective of management and employees at all levels, in all functions of the company.
2. It is therefore company policy, so far as is reasonably practicable to ensure the Health & Safety of all our employees, and to protect damage to property, and to protect everyone from foreseeable work hazards, including the public insofar as they come into contact with the company and its products.
3. In particular, the company has a responsibility:-
 - a) To provide and maintain safe, healthy working conditions by complying with the statutory Health & Safety requirements as a minimum standard, and with the relevant codes of practice, where appropriate.
 - b) To provide training and instruction to enable employees to perform their work safely, and efficiently.
 - c) To assess the risk to the Health & Safety of employees, and those who may be affected, and identify the measures needed to comply with our duties under current UK Health & Safety legislation.
 - d) To make arrangements to; plan, organise, control monitor, and review all measures introduced.
 - e) To maintain a constant, and continuing interest in Health & Safety matters applicable to the company's activities, and for its management to set an example in safe behaviour.
 - f) To ensure that the Policy Statements are brought to the notice of all employees. These (Policy Statements) will be reviewed as and when necessary, and employees informed of any changes.
 - g) To make available all necessary safety devices, and protective equipment, and to supervise their use.
 - h) To appoint competent people to assist the company in undertaking all measures relevant to Health & Safety.
4. Employees have a responsibility to co-operate with the management in carrying out their statutory duties, with the objective of raising and maintaining a high standard of safety performance.
 - a) By working safely, and efficiently.
 - b) By using the protective equipment provided, and by meeting statutory obligation.
 - c) By reporting incidents that have led or may lead to injury or damage.
 - d) By adhering to the Company Procedures for securing safe working conditions.
 - e) By assisting in the investigation of accidents with the objective of introducing measures to prevent a reoccurrence.

Our Commitment to continually assess Health and Safety on our site is paramount for the provision of a safe working environment for all persons using our facilities.

A full Health and Safety Policy for Waste Matters Ltd is available if requested.

Waste Matters Ltd Company Structure

