# Notice of variation and consolidation with introductory note

## The Environmental Permitting (England & Wales) Regulations 2016

Grundon Waste Management Limited

Grundon Clinical Waste Incinerator
Lakeside Road
Colnbrook
Slough
Berkshire
SL3 0EG

### Variation application number

EPR/BT2866IG/V005

### Permit number

EPR/BT2866IG

# Grundon Clinical Waste Incinerator
# Permit number EPR/BT2866IG

## Introductory note

### This introductory note does not form a part of the notice

Under the Environmental Permitting (England & Wales) Regulations 2016 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

This variation has been issued to update the permit following a statutory review of the permits in the industry sector for incineration. The opportunity has also been taken to consolidate the original permit and subsequent variations. The Industrial Emissions Directive (IED) came into force on 7th January 2014 with the requirement to implement all relevant Best Available Techniques (BAT) conclusions as described in the Commission Implementing Decision. The BAT conclusions for incineration were published on 03 December 2019 in the Official Journal of the European Union (L323) following a European Union wide review of BAT, implementing decision 2017/2117/EU of 21 November 2017.

The schedules specify the changes made to the permit. Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made. All the conditions of the permit have been varied and are subject to the right of appeal.

**Brief description of the process**

This permit controls the operation of a waste incineration plant. The relevant listed activity is S5.1 A(1)(a). The permit implements the requirements of the EU Directives on Industrial Emissions and Waste.

The main features of the permit are as follows:

| | |
|---|---|
| Furnace technology | Stepped hearth |
| Number of lines | 1 |
| Principal waste type | clinical |
| Stack height | 75 m |
| Permitted plant capacity | 10,000 tonnes per year |

The are two stationary technical units on the site:

- the Clinical Waste Incinerator regulated by this Permit;
- the Energy from Waste plant the regulated by a separate permit.

These two plants are technically linked by the use of the same chimney stack with separate flues and are, hence, one single installation.

The main purpose of the activity at this part of the installation is:

To burn hazardous and non-hazardous healthcare wastes, along with other hazardous and non-hazardous municipal and commercial wastes to recover energy in the form of steam for supply to adjacent site. The Installation covers the site and the entire incineration plant including all incineration lines, waste reception, storage, waste-fuel and air supply systems, boiler, facilities for the treatment of exhaust gases, on-site

facilities for handling and storage of residues and waste water, stack, devices and systems for controlling incineration operations, recording and monitoring conditions.

There is a single stream and at the design point the stream burns waste with a calorific value of 17.4 MJ/kg at 1.25 tonnes per hour which equates to 10,000 tonnes per annum at 8000 hours of planned minimum operation. The waste is burnt in a stepped hearth furnace. The heat produced will be used in the process and the Energy from Waste plant to increase its thermal efficiency. Approximately 4.5 MW of steam will be available for use.

The waste is delivered to the plant by road in covered vehicles in a variety of packaging and containment systems appropriate to the classification of the waste in compliance with the waste and transport legislation. The waste is stored in bins in the packaging and containment systems in dedicated storage areas until such time as it can be incinerated. The bins are weighed on a platform scale and then mechanically raised and tipped onto the waste feed conveyor to the loading conveyor which loads the ventilated, lidded hopper of the horizontal ram loader of the incinerator. Loading is on an automatic sequence with the hopper lid closing before the vertical lift charging door raising and the ram loader operates. After the ram returns the vertical door is lowered and the hopper door opened to await the next charge. Between the vertical door and the hearth of the primary chamber is a refractory lined tunnel which holds some unburnt and partially burnt waste to act as a seal to any waste gases.

Hydrated lime for the flue gas cleaning process is delivered by bulk tanker and off loaded pneumatically into a silo fitted with a dust arrestment filter on the vent.

Activated carbon for the flue gas cleaning process is delivered via bulk tanker and stored in a silo. It is distributed into the reactor tower by a metered screw conveyor feed.

Sodium hydroxide for water treatment resin regeneration is stored in a bunded, vented tank with the air displaced on delivery being back vented to the delivery tanker.

Hydrochloric acid (HCl) for water treatment resin regeneration is stored in a bunded, vented tank with the air displaced on delivery being passed through an HCl vapour scrubber.

Various water treatment chemicals are delivered in appropriate containers stored in bunded areas.

Various maintenance materials (oils, greases, insulants, antifreezes, welding and fire fighting gases etc.) are stored in the appropriate manner.

Recovered liquefied petroleum gas (LPG) will be delivered in transportable, pressurised 1,000 litre containers, which will be stored in the designated storage compound.

**Combustion Process**

The primary chamber is fed with small consistent quantities of waste. Initial loads of waste are ignited using a gas fired burner. A proportion of this natural gas is replaced by recovered LPG.

Reciprocating rams operating in sequence transport the waste along each hearth and through the primary chamber consisting of four stepped hearths. The drop from one hearth to the next aids the break-up and mixing of the waste ensuring good combustion.

Combustion air is blown through air ducts under the hearths, under the waste bed to promote good combustion and also on top of the fourth hearth to ensure good ash burn out.

In the secondary combustion chamber, preheated air is added to the flue gases coming from the primary chamber and gas fired after-burners are used to maintain a temperature of 1100 $^{o}$C for at least 2 second with at least 6 % oxygen.

The flue gas temperature in the primary zone and at the point of exit from the secondary combustion chamber is continuously monitored and recorded, and audible and visual alarms will be triggered when the temperature falls below 1100 $^{o}$C. The oxygen concentration and temperature are carefully controlled to minimise dioxin emissions.

Ash is removed from the ash box of the fourth hearth at intervals into a skip below and dampened with water sprays.

**Energy Recovery**

Hot gases from the waste combustion pass through a twin first pass waste heat recovery boiler and the steam produced is used by the Lakeside EFW. The design following a computerised fluid dynamics assessment, is such that the flue gas temperature is quickly reduced through the critical temperature range to minimise the risk of dioxin reformation.

There is no need for cooling water as the steam is condensed by air cooled condensers which are capable of taking the full load from the boilers to ensure continuous operation of the incinerator.

**Gas Cleaning**

Flue gases pass from the boiler to the gas cleaning equipment. The gas enters a reaction chamber where dry lime and activated carbon are injected to neutralise acid gases and absorb (primarily) dioxins/furans, dioxin like PCBs, volatile organic compounds (VOCs) and mercury. The lime injection rate is controlled by upstream measurement of hydrogen chloride (HCl) at the exit of the boiler thus optimising the efficiency of gas scrubbing and lime usage. Downstream monitoring of HCl in the exit flue gas is also used to fine control lime injection rate. Nitrogen oxides ($NO_x$) abatement is achieved by advanced grate design.

Bag filters remove the fine ash plus excess and spent lime and carbon as the gases pass across the bag fabric. The build up of the latter two enhances the performance of the system. Reverse pulses of compressed air are used to remove the accumulated particulate (APC residues) from the bags. The APC residues fall into a collection hopper and are then conveyed to 1,000 litre big bags.

The cleaned gas then discharges to atmosphere via one 75 metre stack.

**Ancillary Operations**

Demineralised water is required to compensate for boiler blowdown losses. A package demineralisation plant provides this water. The ion exchange resins are regenerated using sodium hydroxide and hydrochloric acid and the regeneration effluent is routed through a neutralisation tank to the collection pit together with the boiler blowdown itself.

**Ash Handling**

Bottom ash and APC residues are sent for disposal or recovery off site by licensed contractors.

**Liquid Effluent and Site Drainage**

Boiler blowdown is emitted to sewer under a trade effluent discharge consent. Surface water run-off is emitted to water.

**Emissions Monitoring**

Emissions from the stack are monitored as set out in the permit.

**Waste transfer**

The facility also includes a transfer station for storage, repackaging and transfer of hazardous and non-hazardous waste.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

| **Status log of permit** | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Application (EPR/BT2866IG/A001) | Received 07/03/2003 | |
| Schedule 4 Notice requesting further information | Issued 21/03/03 | Response received 24/04/03 |
| Permit issued (EPR/BT2866IG) | 01/12/2003 | |

| Status log of permit | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Variation issued (EPR/BT2866IG/V002) | 01/09/2006 | Environment Agency initiated variation |
| Variation application (EPR/BT2866IG/V003) | Received 28/03/2009 | Amend CO averaging period |
| Variation issued (EPR/BT2866IG/V003) | 06/07/2009 | Varied and consolidated permit issued |
| Received notification of change of company registered office address | 18/01/2011 | |
| Issue of updated permit pages to show change of company registered office address | 02/02/2011 | |
| Variation EA/EPR/BT2866IG/V004 | Duly made 15/02/2023 | Application to add hazardous and non-hazardous waste treatment and transfer operation |
| Variation determined EA/EPR/BT2866IG/V004 | 22/09/2023 | |
| Regulation 61 notice issued | 10/12/2021 | Regulation 61 Notice requiring information for Statutory review of permit. BAT Conclusions published 03 December 2019. |
| Regulation 61 notice response | 11/04/2022 | |
| Variation and consolidation notice issued (EPR/PP3530XK/V005) | 13/11/2023 | Variation after statutory review of permit. BAT Conclusions published 03 December 2019 |

| Other Part A installation permits relating to this installation | | |
|---|---|---|
| **Operator** | **Permit Number** | **Date of Issue** |
| Lakeside Energy from Waste Ltd | EPR/BT7116IW | 14/11/2003 |

End of introductory note

# Notice of variation and consolidation

## The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

### Permit number

**EPR/BT2866IG**

### Issued to

**Grundon Waste Management Limited** ("the operator")

whose registered office is

**Thames House**
**Oxford Road**
**Benson**
**Wallingford**
**Oxfordshire**
**OX10 6LX**

company registration number 4245965

to operate part of a regulated facility at

**Grundon Clinical Waste Incinerator**
**Lakeside Road**
**Colnbrook**
**Slough**
**Berkshire**
**SL3 0EG**

to the extent set out in the schedules.

The notice shall take effect from 13/11/2023

| Name | Date |
|---|---|
| **Principal permitting Team Leader**<br>**Rob McHale** | **13/11/2023** |

Authorised on behalf of the Environment Agency

## Schedule 1

All conditions have been varied by the consolidated permit as a result of an Environment Agency initiated variation.

## Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

# Permit

## The Environmental Permitting (England and Wales) Regulations 2016

### Permit number

**EPR/BT2866IG**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BT2866IG/V005 authorising,

**Grundon Waste Management Limited** ("the operator"),

whose registered office is

**Thames House**
**Oxford Road**
**Benson**
**Wallingford**
**Oxfordshire**
**OX10 6LX**

company registration number 4245965

to operate a part of an installation at

**Grundon Clinical Waste Incinerator**
**Lakeside Road**
**Colnbrook**
**Slough**
**Berkshire**
**SL3 0EG**

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

| Name | Date |
|---|---|
| **Principal Permitting Team Leader**<br>**Rob McHale** | **13/11/2023** |

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

1.1.1 The operator shall manage and operate the activities:

(a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and

(b) using sufficient competent persons and resources.

(c) referenced in schedule 1, table S1.1 (AR1), from 03/12/2023, in accordance with a written other than normal operating conditions (OTNOC) management plan.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 The operator shall review the written management system at least every 3 years or otherwise as requested by the Environment Agency.

1.1.4 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.1.5 The operator shall comply with the requirements of an approved competence scheme.

### 1.2 Energy efficiency

1.2.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR5) the operator shall:

(a) take appropriate measures to ensure that energy is recovered with a high level of energy efficiency and energy is used efficiently in the activities.

(b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and

(c) take any further appropriate measures identified by a review.

1.2.2 The operator shall review the viability of Combined Heat and Power (CHP) implementation at least every 4 years, or in response to any of the following factors, whichever comes sooner:

(a) new plans for significant developments within 15 km of the installation;

(b) changes to the Local Plan;

(c) changes to the UK CHP Development Map or similar; and

(d) new financial or fiscal incentives for CHP.

The results shall be reported to the Agency within 2 months of each review, including where there has been no change to the original assessment in respect of the above factors

### 1.3 Efficient use of raw materials

1.3.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR5) the operator shall:

(a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;

(b) maintain records of raw materials and water used in the activities;

(c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and

(d) take any further appropriate measures identified by a review.

## 1.4 Avoidance, recovery and disposal of wastes produced by the activities

1.4.1 The operator shall take appropriate measures to ensure that:

(a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and

(b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

(c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

## 1.5 Multiple operator installations

1.5.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR5) where the operator notifies the Environment Agency under condition 4.3.1 (a) or 4.3.1 (c), the operator shall also notify without delay the other operator of the installation of the same information.

# 2 Operations

## 2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

2.1.2 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR5) waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.1.3 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

## 2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in red on the site plan at schedule 7 to this permit, which is within the area edged in blue on the site plan that represents the extent of the installation covered by this permit and that of the other operator of the installation.

## 2.3 Operating techniques

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan , and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.

2.3.4 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2 table S2.2, S2.3; and

(b) it conforms to the description in the documentation supplied by the producer or holder.

2.3.5 For the following activities referenced in schedule 1, table S1.1 (AR1) waste paper, metal, plastic or glass that has been separately collected for the purpose of preparing for re-use or recycling shall not be accepted. Waste from the treatment of these separately collected wastes shall only be accepted if incineration delivers the best environmental outcome in accordance with regulation 12 of the Waste (England and Wales) Regulations 2011.

2.3.6 For the following activities referenced in schedule 1, table S1.1 (AR1) separately collected fractions other than those listed in condition 2.3.5 shall not be accepted unless they are unsuitable for recovery by recycling.

2.3.7 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

(a) the nature of the process producing the waste;

(b) the composition of the waste;

(c) the handling requirements of the waste;

(d) the hazardous property associated with the waste, if applicable; and

(e) the waste code of the waste.

2.3.8 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.3.9 The operator shall burn only those hazardous wastes where the throughputs, calorific values and pollutant compositions are within the ranges specified in table S2.2 of schedule 2, unless otherwise agreed in writing with the Environment Agency.

2.3.10 The operator shall ensure that prior to accepting waste subject to condition 2.3.9 at the site, it has obtained sufficient information about the hazardous wastes to be burned to demonstrate compliance with the characteristics described in condition 2.3.9.

2.3.11 The operator shall take representative samples of all hazardous waste deliveries to the site unless otherwise agreed in writing with the Environment Agency and test a representative selection of these samples to verify conformity with the information obtained as required by condition 2.3.10. These samples shall be retained for inspection by the Environment Agency for a period of at least 1 month after the material is incinerated and results of any analysis made of such samples will be retained for at least 2 years after the material is incinerated.

2.3.12 For the following activities referenced in schedule 1, table S1.1 (AR1) waste shall not be charged if:

(a) the combustion chamber temperature is below 850 °C,

(b) it is hazardous waste with a hazardous halogenated organic content of more than 1% (expressed as chlorine) and the combustion chamber temperature is below 1,100 °C.

(c) it is cytotoxic or cytostatic waste and the combustion chamber temperature is below 1,000°C

(d) any continuous emission limit value in schedule 3 table S3.1(a) is exceeded during abnormal operation; or

(e) any continuous emission limit value in schedule 3 table S3.1 is exceeded, other than during abnormal operation; or

(f) continuous emission monitors to demonstrate compliance with any continuous emission limit value in schedule 3 table S3.1 are unavailable other than during abnormal operation; or

(g) there is a stoppage, disturbance or failure of the activated carbon abatement system, other than during abnormal operation.

(h) continuous emission monitors to demonstrate compliance with the emission limit values for particulates, TOC or CO in schedule 3 are unavailable unless alternative techniques, as agreed in writing with the Environment Agency, are used to demonstrate compliance with those emission limit values.

2.3.13 The operator shall record the beginning and end of each period of “abnormal operation”.

2.3.14 During a period of “abnormal operation”, the operator shall restore normal operation of the failed equipment or replace the failed equipment as soon as possible.

2.3.15 The operator shall interpret the start of the period of “abnormal operation” as the earliest of the following:

(a) a technically unavoidable stoppage, disturbance, or failure of continuous emission monitors.

(b) a technically unavoidable stoppage, disturbance, or failure of the activated carbon abatement system

(c) Any other technically unavoidable stoppage, disturbance, or failure of the plant which is causing or could lead to an exceedance of an emission limit value in table S3.1.

2.3.16 The operator shall interpret the end of the period of “abnormal operation” as the earliest of the following:

(a) when the failed equipment is repaired and brought back into normal operation;

(b) when the operator initiates a shut down of the waste combustion activity, as described in the application or as agreed in writing with the Environment Agency;

(c) The failed equipment has not been repaired and brought back into normal operation and a single period of abnormal operation reaches a duration of 4 hours after the start of abnormal operation on an incineration line

(d) Abnormal operation occurs on an incineration line and the cumulative duration of abnormal operation periods over 1 calendar year has reached 60 hours on that incineration line;

2.3.17 For the following activities referenced in schedule 1, table S1.1 (AR1) the operator shall have at least one auxiliary burner in each line which shall be operated at start up, shut down and as required during operation to ensure that the operating temperature specified in condition 2.3.12 is maintained as long as incompletely burned waste is present in the combustion chamber. Unless the temperature specified in condition 2.3.12 is maintained in the combustion chamber, such burner(s) shall be fed only with fuels which result in emissions no higher than those arising from the use of gas oil, liquefied gas or natural gas.

2.3.18 If Infectious clinical waste is burned, it must be placed in the furnace without first being mixed with other categories of waste, using techniques which are no less effective than those described in the application.

2.3.19 Bottom ash and APC residues shall not be mixed.

## 2.4 Improvement programme

2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.

2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

# 3 Emissions and monitoring

## 3.1 Emissions to water, air or land

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, S3.2 and S3.3.

3.1.2 The limits given in schedule 3, subject to condition 3.2.1, shall not be exceeded.

3.1.3 Wastes produced at the site shall, as a minimum, be sampled and analysed in accordance with schedule 3 table S 3.5. Additional samples shall be taken and tested and appropriate action taken, whenever:

(a) disposal or recovery routes change; or

(b) it is suspected that the nature or composition of the waste has changed such that the route currently selected may no longer be appropriate.

## 3.2 Emissions limits and monitoring for emission to air for incineration plant

3.2.1 The limits for emissions to air apply as follows:

(a) The limits in table S3.1 shall not be exceeded except during periods of abnormal operation.

(b) The limits in table S3.1 (a) shall not be exceeded during abnormal operation.

3.2.2 Where Continuous Emission Monitors are installed to comply with the monitoring requirements in schedule 3 table S3.1 and S3.1(a); the Continuous Emission Monitors shall be used such that;

(a) the values of the 95% confidence intervals of a single measured result at the daily emission limit value shall not exceed the following percentages of the emission limit values:

- Carbon monoxide 10%
- Sulphur dioxide 20%
- Oxides of nitrogen (NO & $NO_2$ expressed as $NO_2$) 20%
- Particulate matter 30%
- Total organic carbon (TOC) 30%
- Hydrogen chloride 40%
- Ammonia 40%

(b) valid half-hourly average values or 10-minute averages shall be determined within the effective operating time (excluding the start-up and shut-down periods) from the measured values after having subtracted the value of the confidence intervals in condition 3.2.2 (a).

(c) where it is necessary to calibrate or maintain the monitor and this means that data are not available for a complete half-hour or 10 minute period, the half-hourly average or 10-minute average shall in any case be considered valid if measurements are available for a minimum of 20 minutes or 7 minutes during the half-hour or 10-minute period respectively. The number of half-hourly or 10-minute averages so validated shall not exceed 5 or 15 respectively per day;

(d) daily average values shall be calculated as follows:

(i) average of valid half hourly averages or 10 minute averages over a calendar day excluding half hourly averages or 10 minute averages during periods of abnormal operation. The daily average value shall be considered valid if no more than five half-hourly average or fifteen 10-minute average values in any day have been determined not to be valid;

(e) no more than ten daily average values per year shall be determined not to be valid.

## 3.3 Emissions of substances not controlled by emission limits

3.3.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.3.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;

(b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.3.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3.4 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

## 3.4 Odour

3.4.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.4.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;

(b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## 3.5 Noise and vibration

3.5.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

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3.5.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;

(b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## 3.6 Monitoring

3.6.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

(a) point source emissions specified in tables S3.1, S3.1(a), S3.2 and S3.3;

(b) process monitoring specified in table S3.4;

(c) residue quality in table S3.5.

3.6.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.6.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.6.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate) unless otherwise agreed in writing by the Environment Agency. Newly installed CEMs, or CEMs replacing existing CEMs, shall have MCERTS certification and unless otherwise agreed in writing by the Environment Agency have an MCERTS certified range which is not greater than 1.5 times the daily emission limit value (ELV) specified in schedule 3 table S3.1. The CEM shall also be able to measure instantaneous values over the ranges which are to be expected during all operating conditions. If it is necessary to use more than one range setting of the CEM to achieve this requirement, the CEM shall be verified for monitoring supplementary, higher ranges. Newly installed Data handling and acquisition systems (DAHS), or DAHS replacing existing DAHS, shall have MCERTS certification.

3.6.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.1(a) and S3.2 unless otherwise agreed in writing by the Environment Agency.

## 3.7 Pests

3.7.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests

management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.7.2 The operator shall:

(a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;

(b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## 3.8 Fire prevention

3.8.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.

# 4 Information

## 4.1 Records

4.1.1 All records required to be made by this permit shall:

(a) be legible;

(b) be made as soon as reasonably practicable;

(c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and

(d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:

(i) off-site environmental effects; and

(ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

## 4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR5) a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year using the annual report form specified in schedule 4, table S4.4 or otherwise in a format agreed with the Environment Agency. The report(s) shall include as a minimum:

(a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;

(b) the annual production /treatment data set out in schedule 4 table S4.2;

(c) the performance parameters set out in schedule 4 table S4.3

(d) the functioning and monitoring of the incineration plant in a format agreed with the Environment Agency. The report shall, as a minimum requirement (as required by Chapter IV of the Industrial Emissions Directive) give an account of the running of the process and the emissions into air and water compared with the emission standards in the IED.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

(a) in respect of the parameters and emission points specified in schedule 4 table S4.1;

(b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4 ; and

(c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

## 4.3 Notifications

4.3.1 In the event:

(a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately:

(i) inform the Environment Agency,

(ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and

(iii) take the measures necessary to prevent further possible incidents or accidents;

(b) of a breach of any permit condition the operator must immediately:

(i) inform the Environment Agency, and

(ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;

(c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

(a) any change in the operator's trading name, registered name or registered office address; and

(b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

(a) any change in the operator's name or address; and

(b) any steps taken with a view to the dissolution of the operator.

In any other case:

(a) the death of any of the named operators (where the operator consists of more than one named individual);

(b) any change in the operator's name(s) or address(es); and

(c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

(a) the Environment Agency shall be notified at least 14 days before making the change; and

(b) the notification shall contain a description of the proposed change in operation.

4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:

(a) a decision by the Secretary of State not to re-certify the agreement;

(b) a decision by either the operator or the Secretary of State to terminate the agreement; and

(c) any subsequent decision by the Secretary of State to re-certify such an agreement.

## 4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

# Schedule 1 – Operations

| Table S1.1 activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity** | **Limits of specified activity** |
| AR1 | S5.1 A1 (a) | The incineration of hazardous waste in a waste incineration plant with a capacity of 10 tonnes per day or more. | From receipt of waste to emission of exhaust gas and removal from site of waste arising.<br>The total amount of waste stored on site at any one time, including both hazardous and non-hazardous waste, shall not exceed 50 tonnes.<br>All infectious waste shall be stored inside a building.<br>Waste shall be stored on impermeable surfacing with sealed drainage.<br>From the date that the improvement programme IC5 has been or must be met, waste shall not be stored in vehicles or vehicle trailers, unless they are being received for immediate offloading or if rejected wastes are being stored prior to removal from site (that is, they will be removed from site within 24 hours, or 72 hours if over a weekend).<br>Pharmaceutical, chemical, anatomical and palletised waste shall be stored securely within designated areas of the building.<br>Infectious clinical waste shall be stored for no longer than 14 days.<br>Refrigerated anatomical waste shall be stored for no longer than 14 days.<br>Unrefrigerated anatomical waste shall be stored for no longer than 24 hours, or up to 72 hours if over a weekend.<br>Aerosol canisters shall be securely stored under cover in well-ventilated containers, and within a caged storage area. Up to 3 cubic metres of aerosol containers shall only be stored for up to 3 months.<br>The following waste types shall be stored on site for no longer than 6 months: |

| | | | |
|---|---|---|---|
| | | | • non-infectious cytotoxic and cytostatic medicines<br>• other hazardous chemicals or other hazardous wastes<br>Notwithstanding the limits given above where a shorter storage time period is given in an agreed management plan then that time period shall take precedence.<br>No waste types shall be submitted to this activity other than those hazardous wastes specified in Schedule 2, Table S2.2. |
| AR2 | S5.3 Part A(1)(a)(iv) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment. | Repackaging of hazardous waste.<br>R12 Exchange of waste for submission to any of the operations numbered R1 to R11 (repackaging)<br>D14 Repackaging prior to submission to any of the operations numbered D1 to D13 | Repackaging is limited to:<br>• taking a waste package (for example a bag, jar, drum or box) out of one cart or bulk container (for example a skip) and placing it into another cart or bulk container (for example, a skip)<br>• taking a waste package from a cart or bulk container (for example, skip) and placing it onto a pallet or vehicle<br>• taking a waste package from a pallet and placing it into a cart or bulk container (for example, skip)<br>• transferring, removing or separating waste from its primary packaging (for example container, bags, bins, boxes).<br>Healthcare waste shall not be transferred, removed or separated from its original packaging.<br>Wastes that are combined together during repackaging activities shall have the same EWC code and similar chemical composition.<br>The repackaging of wastes shall not result in:<br>• any incompatible wastes being repackaged together in the same container<br>• a reaction of repackaged wastes with each other<br>• a reaction with the container in which the wastes are being placed<br>Repackaging shall take place within a building on an impermeable surface with sealed drainage.<br>Fugitive emissions shall be minimised during repackaging.<br>Repackaging of waste shall not change either the maximum storage |

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| | | | times for waste on site or the amount that can be stored at any one time.<br>No waste types shall be submitted to this activity other than those hazardous<br>wastes specified in Schedule 2, Table S2.3 |
| | **Directly Associated Activity** | | |
| AR3 | **-** | Steam supply to adjacent site | - |
| AR4 | Cleaning of containers and carts | Bin washer located on ground floor | Handling, cleaning and storage of empty containers and carts prior to dispatch.<br>Bin, container or cart washing equipment shall be purpose-built, contained and located in a designated area of the facility provided with an impermeable surface with self-contained drainage. The cart or bin wash must be designed to collect and contain all wash waters, including any spray. |
| AR5 | Back up electrical generator | For providing emergency electrical power to the plant in the event of supply interruption. | Emergency use to a maximum of 500 hours operation per year.<br>Maximum of 50 hours testing per year. |
| **Activity reference** | **Description of activities for waste operations** | | **Limits of activities** |
| AR6 | Repackaging of non-hazardous waste.<br>R12 Exchange of waste for submission to any of the operations numbered R1 to R11 (repackaging)<br>D14 Repackaging prior to submission to any of the operations numbered D1 to D13 | | Repackaging is limited to:<br>• taking a waste package (for example a bag, jar, drum or box) out of one cart or bulk container (for example a skip) and placing it into another cart or bulk container (for example, a skip)<br>• taking a waste package from a cart or bulk container (for example, skip) and placing it onto a pallet or vehicle<br>• taking a waste package from a pallet and placing it into a cart or bulk container (for example, skip)<br>• transferring, removing or separating waste from its primary packaging (for example container, bags, bins, boxes).<br>Healthcare waste shall not be transferred, removed or separated from its original packaging<br>Wastes that are combined together during repackaging activities shall |

| | | |
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| | | have the same EWC code and similar chemical composition.<br>The repackaging of wastes shall not result in:<br>• any incompatible wastes being repackaged together in the same container<br>• a reaction of repackaged wastes with each other<br>• a reaction with the container in which the wastes are being placed<br>Repackaging shall take place in a building on impermeable surfacing with sealed drainage.<br>Fugitive emissions shall be minimised during repackaging.<br>Repackaging of waste shall not change either the maximum storage times for waste on site or the amount that can be stored at any one time.<br>No waste types shall be submitted to this activity other than those hazardous wastes specified in Schedule 2, Table S2.3. |
| AR7 | Storage of hazardous waste and non-hazardous waste.<br>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)<br>D15 Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced) | From receipt and storage of hazardous and non-hazardous waste on site to its repackaging on site or its transfer off-site.<br>The amount of hazardous wastes stored at any one time shall not exceed 50 tonnes.<br>All hazardous and non-hazardous waste shall be stored inside a building on an impermeable surface.<br>Waste shall not be stored in vehicles or vehicle trailers, unless they are being received for immediate offloading or prepared for imminent transfer (that is, they will be removed from site within 24 hours, or 72 hours if over a weekend).<br><br>Pharmaceutical, chemical, anatomical and palletised waste shall be stored securely within designated areas of the building.<br><br>Infectious clinical waste shall be stored for no longer than 14 days<br><br>Refrigerated anatomical waste shall be stored for no longer than 14 days. |

| | | |
|---|---|---|
| | | Unrefrigerated anatomical waste shall be stored for no longer than 24 hours, or up to 72 hours if over a weekend<br><br>Aerosol canisters shall be securely stored under cover in well-ventilated containers, and within a caged storage area. Up to 3 cubic metres of aerosol containers shall only be stored for up to 3 months.<br><br>The following waste types shall be stored on site for no longer than 6 months:<br>• non-infectious cytotoxic and cytostatic medicines<br>• dental amalgam<br>• other hazardous chemicals or other hazardous wastes<br><br>All other wastes shall be stored on site for no longer than 6 months.<br>Notwithstanding the limits given above where a shorter storage time period is given in an agreed management plan then that time period shall take precedence.<br>No waste types shall be submitted to this activity other than those wastes specified in Schedule 2, Table S2.3 |

**Table S1.2 Operating techniques**

| Description | Parts | Date Received |
|---|---|---|
| Application | Response to the following questions in the application:<br>B2.1 given in section 2.1 of the Application<br>B2.2 given in section 2.2 of the Application<br>B2.3 given in section 2.3 of the Application<br>B2.4 given in section 2.4 of the Application<br>B2.5 given in section 2.5 of the Application<br>B2.6 given in section 2.6 of the Application,<br>B2.7 given in section 2.7 of the Application.<br>B2.8 given in section 2.8 of the Application<br>B2.9 given in section 2.9 of the Application.<br>B2.10 given in section 2.10 of the Application.<br>B2.11 given in section 2.11 of the Application | 07/01/2003 |
| Schedule 4 Notice dated 18/03/2003 | Response to questions 30, 31, 32, 33, 34, 35, 36, 37, 50, 51, 52, 53 and 54 | 13/04/2003 |
| Variation Application (EPR/BT2866/V003) | Application | 28/03/2009 |
| Variation Application | Application | 18/03/2022 |
| Schedule 5 Notice dated 30/03/2023 | Response to questions 1, 2, 5, 6, 7 and 8 | 28/04/2023 |

| Table S1.2 Operating techniques | | |
|---|---|---|
| **Description** | **Parts** | **Date Received** |
| Response to schedule 5 Notice dated 02/06/2023 | Clinical Waste Incinerator Fire Prevention Plan Version:2 Date: 09/06/2023 | 21/06/2023 |
| Healthcare waste: appropriate measures for permitted facilities<br>Version published 13 July 2020 | For activity AR1, other than:<br>• those parts to which an improvement programme requirement applies in Table S1.3 (and only until the date that the improvement has been or must be met, whichever is the earlier.)<br>all of the following parts of the appropriate measures guidance shall apply:<br>• Waste pre-acceptance, acceptance and waste tracking appropriate measures<br>• Waste storage, segregation and handling appropriate measures – measure<br>The following parts of the appropriate measures guidance are not applicable:<br>• Waste storage, segregation and handling appropriate measures – measures 33, 34, 35, 36 | - |
| Chemical waste: appropriate measures for permitted facilities<br>Version published 18 November 2020 | For activity AR1, measures as approved through improvement condition IC6 | - |
| Healthcare waste: appropriate measures for permitted facilities<br>Version published 13 July 2020 | For activities AR2, AR6, AR7 all parts of the appropriate measures guidance shall apply. | - |
| Chemical waste: appropriate measures for permitted facilities<br>Version published 18 November 2020 | For activities AR2, AR6, AR7 all parts of the appropriate measures guidance shall apply. | - |
| Non-hazardous and inert waste: appropriate measures for permitted facilities<br>Version published 12 July 2021 | For activities AR2, AR6, AR7 all parts of the appropriate measures guidance shall apply. | - |
| Response to regulation 61 notice | Operating techniques as set out in the response to questions 1 to 3 of the regulation 61 notice. | 11/04/2022 |

| Table S1.3 Improvement programme requirements | | |
|---|---|---|
| **Reference** | **Requirement** | **Date** |
| **IC1** | The operator shall perform a study to determine the extent to which the operation of the systems in place at the plant to minimise NOx emissions (including the NOx abatement installed to meet the new emission limit value for NOx of 180 mg/m$^3$ as a daily average) can be optimised. A written report of the study shall be submitted to the Environment Agency for approval which shall include but not necessarily be limited to the following:<br><br>• A brief description of the measures installed measures at the installation to minimise NOx emissions, including details of how the reagent dosing system responds to emissions monitoring.<br><br>• The results the optimisation study including:<br>○ a description of the parameters that were varied during the optimisation e.g. ammonia or urea feed rates, physical form of urea injected, air flows, and the range over which they were varied<br>○ the levels of NOx achieved and associated levels of ammonia and nitrous oxide emissions and reagent consumption<br>○ observed effects and predicted long-term impacts on plant operation, reliability and maintenance regime<br>○ any changes to the composition of the bottom ash and boiler ash and the implications of those changes for the ability to process and use the ash, as well as for the pollution potential of the ash both during processing and its subsequent use as a secondary aggregate (if relevant)<br>○ any other relevant cross-media effects<br>○ a description of how the plant will be operated on an ongoing basis to minimise NOx emissions, including target emission limit values for NOx and $NH_3$ | 13/05/23 |
| IC2 | The operator shall submit a report to the Environment Agency for approval on whether waste feed to the plant can be proven to have a low and stable mercury content. The report shall have regard to BAT 4 of the BAT conclusions, be based on historic mercury emissions monitoring data and have regard to the Environment Agency Mercury Monitoring Protocol. | 30/11/2023 |
| IC3 | The operator shall submit a report to the Environment Agency for approval on whether dioxin emissions to air are stable. The report shall have regard to BAT 4 of the BAT conclusions, be based on historic dioxin emissions monitoring data and have regard to the Environment Agency Dioxins Monitoring Protocol. | 30/11/2023 |
| IC4 | The operator shall calculate the boiler efficiency using the method set out in the general considerations section of the BAT conclusions and submit details of the calculation to the Environment Agency for approval. The calculation shall use the R1 efficiency status, boiler efficiency determination guidance (or other methodology as agreed in writing with the | 13/11/2024 |

| Table S1.3 Improvement programme requirements | | |
|---|---|---|
| **Reference** | **Requirement** | **Date** |
| | Environment Agency) to calculate boiler efficiency which can then be used to calculate Qth.<br><br>Where the calculated boiler efficiency is below the range specified in BAT 20 of the BAT conclusions, the operator shall carry out an assessment of the opportunities to increase the energy efficiency of the installation.<br><br>The assessment shall include but not necessarily be limited to:<br>• Improvements that could be made to the furnace (including control systems) in order to increase the amount of thermal energy produced per unit of thermal energy in the waste.<br>• Improvements that could be made to the steam system and related components to allow a greater quantity of heat to be generated per unit of thermal energy produced from the waste.<br>• Improvements in the heat efficiency of the plant's ancillary systems that could be made in order to reduce the heat loads of the plant.<br>• Where relevant, an implementation plan for the improvements identified, including the anticipated increase in the boiler efficiency.<br><br>A written copy of the assessment shall be submitted to the Environment Agency for approval. | |
| IC5 | The operator shall cease the use of trailers for storage of waste other than where they are being received for immediate offloading or prepared for imminent transfer (that is, they will be removed from site within 24 hours, or 72 hours if over a weekend). | 03/12/2023 |
| IC6 | The operator shall review techniques against the following sections of the Chemical waste: appropriate measures for permitted facilities guidance (Version published 18 November 2020<br>• Waste pre-acceptance, acceptance, and tracking<br>• Waste storage, segregation, and handling<br><br>The operator shall submit a report to the Environment Agency for approval to demonstrate which measures are currently complied with. Where measures are not currently complied with the report shall include details and justification of:<br>• When measures will be complied with; and/or<br>• Measures that are not relevant; and/or<br>• Alternative techniques | 13/05/2024 |
| IC7 | The operator shall submit a report to the Environment Agency for approval on how optimised and automated reagent dosing as listed in BAT conclusions 28 (a) can be implemented. If measures cannot be implemented the report shall include a justification as to why it is not practicable. | Report submitted by 13/05/2024.<br><br>Measures to be implemented by 13/11/2024 unless otherwise agreed in writing with the Environment Agency |

# Schedule 2 – Waste types, raw materials and fuels

| Table S2.1 Raw materials and fuels | |
|---|---|
| **Raw materials and fuel description** | **Specification** |
| - | - |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| **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 05** | **drilling muds and other drilling wastes** |
| 01 05 04 | freshwater drilling muds and wastes |
| 01 05 05* | oil-containing drilling muds and wastes |
| 01 05 06* | drilling muds and other drilling wastes containing hazardous substances |
| 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 02 | animal-tissue waste |
| 02 01 03 | plant-tissue waste |
| 02 01 04 | waste plastics (except packaging) |
| 02 01 06 | animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site |
| 02 01 07 | wastes from forestry |
| 02 01 08* | agrochemical waste containing hazardous substances |
| 02 01 09 | agrochemical waste other than those mentioned in 02 01 08 |
| 02 01 10 | waste metal |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| **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 02 | animal-tissue waste |
| 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 05** | **wastes from the dairy products industry** |
| 02 05 01 | materials unsuitable for consumption or processing |
| **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 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 |
| **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 04* | sawdust, shavings, cuttings, wood, particle board and veneer containing hazardous substances |
| 03 01 05 | sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04 |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| **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 hazardous substances |
| **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 01 | fleshings and lime split wastes |
| 04 01 02 | liming waste |
| 04 01 03* | degreasing wastes containing solvents without a liquid phase |
| 04 01 04 | tanning liquor containing chromium |
| 04 01 05 | tanning liquor free of chromium |
| 04 01 06 | sludges, in particular from on-site effluent treatment containing chromium |
| 04 01 07 | sludges, in particular from on-site effluent treatment free of chromium |
| 04 01 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 14* | wastes from finishing containing organic solvents |
| 04 02 15 | wastes from finishing other than those mentioned in 04 02 14 |
| 04 02 16* | dyestuffs and pigments containing hazardous substances |
| 04 02 17 | dyestuffs and pigments other than those mentioned in 04 02 16 |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 04 02 19* | sludges from on-site effluent treatment containing hazardous substances |
| 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 |
| **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 14 | solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13 |
| 06 03 15* | metallic oxides containing heavy metals |
| 06 03 16 | metallic oxides other than those mentioned in 06 03 15 |
| **06 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 hazardous substances |
| 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 02* | wastes containing hazardous sulphides |
| 06 06 03 | wastes containing sulphides other than those mentioned in 06 06 02 |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| **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 hazardous chlorosilanes |
| **06 09** | **wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes** |
| 06 09 03* | calcium-based reaction wastes containing or contaminated with hazardous substances |
| 06 09 04 | calcium-based reaction wastes other than those mentioned in 06 09 03 |
| **06 10** | **wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture** |
| 06 10 02* | wastes containing hazardous 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 03 | carbon black |
| 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 hazardous substances |
| 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 01* | aqueous washing liquids and mother liquors |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 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 hazardous substances |
| 07 02 12 | sludges from on-site effluent treatment other than those mentioned in 07 02 11 |
| 07 02 13 | waste plastic |
| 07 02 14* | wastes from additives containing hazardous substances |
| 07 02 15 | wastes from additives other than those mentioned in 07 02 14 |
| 07 02 16* | waste containing hazardous silicones |
| 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 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 hazardous substances |
| 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 01 08 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 hazardous substances |
| 07 04 12 | sludges from on-site effluent treatment other than those mentioned in 07 04 11 |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 07 04 13* | solid wastes containing hazardous 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 hazardous substances |
| 07 05 12 | sludges from on-site effluent treatment other than those mentioned in 07 05 11 |
| 07 05 13* | solid wastes containing hazardous substances |
| 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 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 hazardous substances |
| 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 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 hazardous substances |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 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 11* | waste paint and varnish containing organic solvents or other hazardous substances |
| 08 01 12 | waste paint and varnish other than those mentioned in 08 01 11 |
| 08 01 13* | sludges from paint or varnish containing organic solvents or other hazardous substances |
| 08 01 14 | sludges from paint or varnish other than those mentioned in 08 01 13 |
| 08 01 15* | aqueous sludges containing paint or varnish containing organic solvents or other hazardous substances |
| 08 01 16 | aqueous sludges containing paint or varnish other than those mentioned in 08 01 15 |
| 08 01 17* | wastes from paint or varnish removal containing organic solvents or other hazardous substances |
| 08 01 18 | wastes from paint or varnish removal other than those mentioned in 08 01 17 |
| 08 01 19* | aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances |
| 08 01 20 | aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19 |
| 08 01 21* | waste paint or varnish remover |
| **08 02** | **wastes from MFSU of other coatings (including ceramic materials)** |
| 08 02 01 | waste coating powders |
| **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 12* | waste ink containing hazardous substances |
| 08 03 13 | waste ink other than those mentioned in 08 03 12 |
| 08 03 14* | ink sludges containing hazardous substances |
| 08 03 15 | ink sludges other than those mentioned in 08 03 14 |
| 08 03 16* | waste etching solutions |
| 08 03 17* | waste printing toner containing hazardous substances |
| 08 03 18 | waste printing toner other than those mentioned in 08 03 17 |
| 08 03 19* | disperse oil |
| **08 04** | **wastes from MFSU of adhesives and sealants (including water proofing products)** |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 08 04 09* | waste adhesives and sealants containing organic solvents or other hazardous substances |
| 08 04 10 | waste adhesives and sealants other than those mentioned in 08 04 09 |
| 08 04 11* | adhesive and sealant sludges containing organic solvents or other hazardous substances |
| 08 04 12 | adhesive and sealant sludges other than those mentioned in 08 04 11 |
| 08 04 13* | aqueous sludges containing adhesives or sealants containing organic solvents or other hazardous substances |
| 08 04 14 | aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13 |
| 08 04 15* | aqueous liquid waste containing adhesives or sealants containing organic solvents or other hazardous substances |
| 08 04 16 | aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15 |
| 08 04 17* | rosin oil |
| **08 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 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 11* | single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03 |
| 09 01 12 | single-use cameras containing batteries other than those mentioned in 09 01 11 |
| 09 01 13* | aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06 |
| **11** | **Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy** |
| **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)** |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 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 hazardous substances |
| 11 01 10 | sludges and filter cakes other than those mentioned in 11 01 09 |
| 11 01 11* | aqueous rinsing liquids containing hazardous substances |
| 11 01 12 | aqueous rinsing liquids other than those mentioned in 11 01 11 |
| 11 01 13* | degreasing wastes containing hazardous substances |
| 11 01 14 | degreasing wastes other than those mentioned in 11 01 13 |
| 11 01 15* | eluate and sludges from membrane systems or ion exchange systems containing hazardous substances |
| 11 01 16* | saturated or spent ion exchange resins |
| 11 01 98* | other wastes containing hazardous substances |
| **11 02** | **wastes from non-ferrous hydrometallurgical processes** |
| 11 02 02* | sludges from zinc hydrometallurgy (including jarosite, goethite) |
| 11 02 03 | wastes from the production of anodes for aqueous electrolytical processes |
| 11 02 05* | wastes from copper hydrometallurgical processes containing hazardous substances |
| 11 02 06 | wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05 |
| 11 02 07* | other wastes containing hazardous 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 01 | hard zinc |
| 11 05 02 | zinc ash |
| 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 01 | ferrous metal filings and turnings |
| 12 01 02 | ferrous metal dust and particles |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 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 06* | mineral-based machining oils containing halogens (except emulsions and solutions) |
| 12 01 07* | mineral-based machining oils free of halogens (except emulsions and solutions) |
| 12 01 08* | machining emulsions and solutions containing halogens |
| 12 01 09* | machining emulsions and solutions free of halogens |
| 12 01 10* | synthetic machining oils |
| 12 01 12* | spent waxes and fats |
| 12 01 13 | welding wastes |
| 12 01 14* | machining sludges containing hazardous substances |
| 12 01 15 | machining sludges other than those mentioned in 12 01 14 |
| 12 01 16* | waste blasting material containing hazardous substances |
| 12 01 17 | waste blasting material other than those mentioned in 12 01 16 |
| 12 01 18* | metal sludge (grinding, honing and lapping sludge) containing oil |
| 12 01 19* | readily biodegradable machining oil |
| 12 01 20* | spent grinding bodies and grinding materials containing hazardous substances |
| 12 01 21 | spent grinding bodies and grinding materials other than those mentioned in 12 01 20 |
| **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 PCBs |
| 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 |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 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 |
| **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 |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 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 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 01 10* | packaging containing residues of or contaminated by hazardous substances |
| 15 01 11* | metallic packaging containing a hazardous 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 hazardous substances |
| 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, 16 06 and 16 08)** |
| 16 01 03 | end-of-life tyres |
| 16 01 04* | end-of-life vehicles |
| 16 01 07* | oil filters |
| 16 01 09* | components containing PCBs |
| 16 01 10* | explosive components (for example air bags) |
| 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 hazardous substances |
| 16 01 15 | antifreeze fluids other than those mentioned in 16 01 14 |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 16 01 17 | ferrous metal |
| 16 01 18 | non-ferrous metal |
| 16 01 19 | plastic |
| 16 01 20 | glass |
| 16 01 21* | hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14 |
| 16 01 22 | components not otherwise specified |
| **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 components other than those mentioned in 16 02 09 to 16 02 12 |
| 16 02 14 | discarded equipment other than those mentioned in 16 02 09 to 16 02 13 |
| 16 02 15* | hazardous components removed from discarded equipment |
| 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 03* | inorganic wastes containing hazardous substances |
| 16 03 04 | inorganic wastes other than those mentioned in 16 03 03 |
| 16 03 05* | organic wastes containing hazardous substances |
| 16 03 06 | organic wastes other than those mentioned in 16 03 05 |
| **16 04** | **waste explosives** |
| 16 04 01* | waste ammunition |
| 16 04 02* | fireworks wastes |
| 16 04 03* | other waste explosives |
| **16 05** | **gases in pressure containers and discarded chemicals** |
| 16 05 04* | gases in pressure containers (including halons) containing hazardous substances |
| 16 05 05 | gases in pressure containers other than those mentioned in 16 05 04 |
| 16 05 06* | laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals |
| 16 05 07* | discarded inorganic chemicals consisting of or containing hazardous substances |
| 16 05 08* | discarded organic chemicals consisting of or containing hazardous substances |
| 16 05 09 | discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08 |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| **16 06** | **batteries and accumulators** |
| 16 06 01* | lead batteries |
| 16 06 02* | Ni-Cd batteries |
| 16 06 04 | alkaline batteries (except 16 06 03) |
| 16 06 05 | other batteries and accumulators |
| 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 hazardous substances |
| **16 08** | **spent catalysts** |
| 16 08 01 | spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07) |
| 16 08 02* | spent catalysts containing hazardous transition metals or hazardous transition metal compounds |
| 16 08 03 | spent catalysts containing transition metals or transition metal compounds not otherwise specified |
| 16 08 04 | spent fluid catalytic cracking catalysts (except 16 08 07) |
| 16 08 05* | spent catalysts containing phosphoric acid |
| 16 08 06* | spent liquids used as catalysts |
| 16 08 07* | spent catalysts contaminated with hazardous 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 hazardous substances |
| 16 10 02 | aqueous liquid wastes other than those mentioned in 16 10 01 |
| 16 10 03* | aqueous concentrates containing hazardous substances |
| 16 10 04 | aqueous concentrates other than those mentioned in 16 10 03 |
| **16 11** | **waste linings and refractories** |
| 16 11 01* | carbon-based linings and refractories from metallurgical processes containing hazardous substances |
| 16 11 02 | carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01 |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 16 11 03* | other linings and refractories from metallurgical processes containing hazardous substances |
| 16 11 04 | other linings and refractories from metallurgical processes other than those mentioned in 16 11 03 |
| 16 11 05* | linings and refractories from non-metallurgical processes containing hazardous substances |
| 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)** |
| **17 01** | **concrete, bricks, tiles and ceramics** |
| 17 01 06* | mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances |
| **17 02** | **wood, glass and plastic** |
| 17 02 01 | wood |
| 17 02 02 | glass |
| 17 02 03 | plastic |
| 17 02 04* | glass, plastic and wood containing or contaminated with hazardous substances |
| **17 03** | **bituminous mixtures, coal tar and tarred products** |
| 17 03 01* | bituminous mixtures containing coal tar |
| 17 03 02 | bituminous mixtures other than those mentioned in 17 03 01 |
| 17 03 03* | coal tar and tarred products |
| **17 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 09* | metal waste contaminated with hazardous substances |
| 17 04 10* | cables containing oil, coal tar and other hazardous substances |
| 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 03* | soil and stones containing hazardous substances |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 17 05 04 | soil and stones other than those mentioned in 17 05 03 |
| 17 05 05* | dredging spoil containing hazardous substances |
| 17 05 06 | dredging spoil other than those mentioned in 17 05 05 |
| 17 05 07* | track ballast containing hazardous substances |
| 17 05 08 | track ballast other than those mentioned in 17 05 07 |
| **17 06** | **insulation materials and asbestos-containing construction materials** |
| 17 06 03* | other insulation materials consisting of or containing hazardous substances |
| 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 01* | gypsum-based construction materials contaminated with hazardous substances |
| 17 08 02 | gypsum-based construction materials other than those mentioned in 17 08 01 |
| **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 hazardous substances |
| 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 humans** |
| 18 01 01 | non-infectious sharps, not contaminated with chemicals or medicines |
| 18 01 01 and 18 01 09 | non-infectious sharps from vaccines delivered in mass vaccination centres, in the community and in care homes |
| 18 01 02 | non-infectious anatomical waste, not chemically preserved |
| 18 01 02 and 18 01 06* | non-infectious anatomical waste, chemically preserved, hazardous chemicals |
| 18 01 02 and 18 01 07 | non-infectious anatomical waste, chemically preserved, non-hazardous chemicals |
| 18 01 03* | infectious waste, not contaminated with chemicals or medicines (may contain sharps)<br>infectious anatomical waste, not chemically preserved<br>infectious gypsum wastes (for example, plaster casts and moulds) |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 18 01 03* and 18 01 06* or 18 01 07 | infectious waste, contaminated with chemicals<br>infectious anatomical waste, chemically preserved |
| 18 01 03* and 18 01 08* or 20 01 31* | infectious waste, contaminated with cytotoxic and cytostatic medicines – (may contain sharps) |
| 18 01 03* and 18 01 09 | infectious waste, medicinally contaminated (not cytotoxic or cytostatic) – (may contain sharps)<br>sharps from vaccinations delivered in hospitals or GP surgeries |
| 18 01 04 | non-infectious offensive waste – human healthcare<br>non-infectious gypsum wastes (for example, plaster casts and moulds) |
| 18 01 06* | chemicals consisting of or containing hazardous substances |
| 18 01 07 | chemicals other than those mentioned in 18 01 06 |
| 18 01 08* | cytotoxic and cytostatic medicines |
| 18 01 09 | other waste medicines, excluding cytotoxic and cytostatic medicines – human healthcare |
| **18 02** | **wastes from research, diagnosis, treatment or prevention of disease involving animals** |
| 18 02 01 | non-infectious sharps, not contaminated with chemicals or medicines |
| 18 02 02* | infectious waste, not contaminated with chemicals or medicines (may contain sharps)<br>infectious anatomical waste, not chemically preserved<br>infectious gypsum wastes (for example, plaster casts and moulds) |
| 18 02 02* and 18 02 05* or 18 02 06 | infectious waste, contaminated with chemicals<br>infectious anatomical waste, chemically preserved |
| 18 02 02* and 18 02 07* or 20 01 31* | infectious waste, contaminated with cytotoxic and cytostatic medicines (may contain sharps) |
| 18 02 02* and 18 02 08 | infectious waste, medicinally contaminated (not cytotoxic or cytostatic) (may contain sharps) |
| 18 02 03 | non-infectious anatomical waste, not chemically preserved<br>non-infectious offensive waste<br>non-infectious gypsum wastes (for example, plaster casts and moulds) |
| 18 02 03 and 18 02 05* | non-infectious anatomical waste, chemically preserved, hazardous chemicals |
| 18 02 03 and 18 02 06 | non-infectious anatomical waste, chemically preserved, non-hazardous chemicals |
| 18 02 05* | chemicals consisting of or containing dangerous substances |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 18 02 06 | chemicals other than those mentioned in 18 02 05 |
| 18 02 07* | cytotoxic and cytostatic medicines |
| 18 02 08 | other waste medicines, excluding cytotoxic and cytostatic |
| **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 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 15* | boiler dust containing hazardous substances |
| 19 01 16 | boiler dust other than those mentioned in 19 01 15 |
| **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 04* | premixed wastes composed of at least one hazardous waste |
| 19 02 05* | sludges from physico/chemical treatment containing hazardous substances |
| 19 02 06 | sludges from physico/chemical treatment other than those mentioned in 19 02 05 |
| 19 02 07* | oil and concentrates from separation |
| 19 02 08* | liquid combustible wastes containing hazardous substances |
| 19 02 09* | solid combustible wastes containing hazardous substances |
| 19 02 10 | combustible wastes other than those mentioned in 19 02 08 and 19 02 09 |
| 19 02 11* | other wastes containing hazardous substances |
| **19 03** | **stabilised/solidified wastes** |
| 19 03 04* | wastes marked as hazardous, partly stabilised other than 19 03 08 |
| 19 03 05 | stabilised wastes other than those mentioned in 19 03 04 |
| 19 03 06* | wastes marked as hazardous, solidified |
| 19 03 07 | solidified wastes other than those mentioned in 19 03 06 |
| 19 03 08* | partly stabilised mercury |
| **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 |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 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 02* | landfill leachate containing hazardous substances |
| 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 06* | saturated or spent ion exchange resins |
| 19 08 07* | solutions and sludges from regeneration of ion exchangers |
| 19 08 08* | membrane system waste containing heavy metals |
| 19 08 09 | grease and oil mixture from oil/water separation containing only edible oil and fats |
| 19 08 10* | grease and oil mixture from oil/water separation other than those mentioned in 19 08 09 |
| 19 08 11* | sludges containing hazardous 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 hazardous 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 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 03* | fluff-light fraction and dust containing hazardous substances |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 19 10 04 | fluff-light fraction and dust other than those mentioned in 19 10 03 |
| 19 10 05* | other fractions containing hazardous substances |
| 19 10 06 | other fractions other than those mentioned in 19 10 05 |
| **19 12** | **wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) 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 06* | wood containing hazardous substances |
| 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 11* | other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances |
| 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 01* | solid wastes from soil remediation containing hazardous substances |
| 19 13 02 | solid wastes from soil remediation other than those mentioned in 19 13 01 |
| 19 13 03* | sludges from soil remediation containing hazardous substances |
| 19 13 04 | sludges from soil remediation other than those mentioned in 19 13 03 |
| 19 13 05* | sludges from groundwater remediation containing hazardous substances |
| 19 13 06 | sludges from groundwater remediation other than those mentioned in 19 13 05 |
| 19 13 07* | aqueous liquid wastes and aqueous concentrates from groundwater remediation containing hazardous substances |
| 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 |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 20 01 10 | clothes |
| 20 01 11 | textiles |
| 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 25 | edible oil and fat |
| 20 01 26* | oil and fat other than those mentioned in 20 01 25 |
| 20 01 27* | paint, inks, adhesives and resins containing hazardous substances |
| 20 01 28 | paint, inks, adhesives and resins other than those mentioned in 20 01 27 |
| 20 01 29* | detergents containing hazardous substances |
| 20 01 30 | detergents other than those mentioned in 20 01 29 |
| 20 01 31* | cytotoxic and cytostatic medicines |
| 20 01 32 | medicines other than those mentioned in 20 01 31 |
| 20 01 33* | batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries |
| 20 01 34 | batteries and accumulators other than those mentioned in 20 01 33 |
| 20 01 35* | discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components |
| 20 01 36 | discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |
| 20 01 37* | wood containing hazardous substances |
| 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 01 99 | non-infectious offensive waste – municipal, separately collected fractions not from healthcare or research-related sources<br>non-infectious sharps, not contaminated with chemicals or medicines – not from healthcare or research-related sources |
| **20 02** | **garden and park wastes (including cemetery waste)** |
| 20 02 01 | biodegradable waste |

| Table S2.2 Permitted waste types and quantities for incineration plant | |
|---|---|
| **Maximum quantity** | **10,000 tonnes per year** |
| | **For hazardous wastes listed in table S2.2 - Calorific values and pollutant compositions ranges as specified in the application** |
| **Waste code** | **Description** |
| 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 04 | septic tank sludge |
| 20 03 06 | waste from sewage cleaning |
| 20 03 07 | bulky waste |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| | |
| **01 03** | **wastes from physical and chemical processing of metalliferous minerals** |
| 01 03 05* | other tailings containing hazardous substances |
| 01 03 07* | other wastes containing hazardous 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 hazardous substances from physical and chemical processing of non-metalliferous 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 hazardous substances |
| | |
| **02 01** | **wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing** |
| | |
| 02 01 01 | sludges from washing and cleaning |
| 02 01 02 | animal-tissue waste |
| 02 01 03 | plant-tissue waste |
| 02 01 04 | waste plastics (except packaging) |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 02 01 06 | animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site |
| 02 01 07 | wastes from forestry |
| 02 01 08* | agrochemical waste containing hazardous substances |
| 02 01 09 | agrochemical waste other than those mentioned in 02 01 08 |
| **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 02 | animal-tissue waste |
| 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 05** | **wastes from the dairy products industry** |
| 02 05 01 | materials unsuitable for consumption or processing |
| **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 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 |
| | |
| **03 01** | **wastes from wood processing and the production of panels and furniture** |
| 03 01 04* | sawdust, shavings, cuttings, wood, particle board and veneer containing hazardous substances |
| **03 02** | **wastes from wood preservation** |
| 03 02 01* | non-halogenated organic wood preservatives |
| 03 02 02* | organochlorinated wood preservatives |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 03 02 03* | organometallic wood preservatives |
| 03 02 04* | inorganic wood preservatives |
| 03 02 05* | other wood preservatives containing hazardous substances |
| **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 08 | wastes from sorting of paper and cardboard destined for recycling |
| 03 03 09 | lime mud waste |
| 03 03 11 | sludges from on-site effluent treatment other than those mentioned in 03 03 10 |
| | |
| **04 01** | **wastes from the leather and fur industry** |
| 04 01 01 | fleshings and lime split wastes |
| 04 01 02 | liming waste |
| 04 01 03* | degreasing wastes containing solvents without a liquid phase |
| 04 01 04 | tanning liquor containing chromium |
| 04 01 05 | tanning liquor free of chromium |
| 04 01 06 | sludges, in particular from on-site effluent treatment containing chromium |
| 04 01 07 | sludges, in particular from on-site effluent treatment free of chromium |
| 04 01 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 14* | wastes from finishing containing organic solvents |
| 04 02 15 | wastes from finishing other than those mentioned in 04 02 14 |
| 04 02 16* | dyestuffs and pigments containing hazardous substances |
| 04 02 17 | dyestuffs and pigments other than those mentioned in 04 02 16 |
| 04 02 19* | sludges from on-site effluent treatment containing hazardous substances |
| 04 02 20 | sludges from on-site effluent treatment other than those mentioned in 04 02 19 |
| | |
| **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 op05 01 07erations of the plant or equipment |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 05 01 07* | acid tars |
| 05 01 08* | other tars |
| 05 01 09* | sludges from on-site effluent treatment containing hazardous substances |
| 05 01 10 | sludges from on-site effluent treatment other than those mentioned in 05 01 09 |
| 05 01 11* | wastes from cleaning of fuels with bases |
| 05 01 12* | oil containing acids |
| 05 01 13 | boiler feedwater sludges |
| 05 01 14 | wastes from cooling columns |
| 05 01 15* | spent filter clays |
| 05 01 16 | sulphur-containing wastes from petroleum desulphurisation |
| 05 01 17 | bitumen |
| **05 06** | **wastes from the pyrolytic treatment of coal** |
| 05 06 01* | acid tars |
| 05 06 03* | other tars |
| 05 06 04 | waste from cooling columns |
| **05 07** | **wastes from natural gas purification and transportation** |
| 05 07 01* | wastes containing mercury |
| 05 07 02 | wastes containing sulphur |
| | |
| **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 14 | solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13 |
| 06 03 15* | metallic oxides containing heavy metals |
| 06 03 16 | metallic oxides other than those mentioned in 06 03 15 |
| **06 04** | **metal-containing wastes other than those mentioned in 06 03** |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 06 04 03* | wastes containing arsenic |
| 06 04 04* | wastes containing mercury |
| 06 04 05* | wastes containing other heavy metals |
| 06 04 99 | wastes not otherwise specified |
| **06 05** | **sludges from on-site effluent treatment** |
| 06 05 02* | sludges from on-site effluent treatment containing hazardous substances |
| 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 02* | wastes containing hazardous sulphides |
| 06 06 03 | wastes containing sulphides other than those mentioned in 06 06 02 |
| **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 hazardous chlorosilanes |
| **06 09** | **wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes** |
| 06 09 03* | calcium-based reaction wastes containing or contaminated with hazardous substances |
| 06 09 04 | calcium-based reaction wastes other than those mentioned in 06 09 03 |
| **06 10** | **wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture** |
| 06 10 02* | wastes containing hazardous substances |
| **06 11** | **wastes from the manufacture of inorganic pigments and opacificiers** |
| 06 11 01 | calcium-based reaction wastes from titanium dioxide production |
| **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 03 | carbon black |
| 06 13 04* | wastes from asbestos processing |
| 06 13 05* | soot |
| | |
| **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 |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 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 hazardous substances |
| 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 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 hazardous substances |
| 07 02 12 | sludges from on-site effluent treatment other than those mentioned in 07 02 11 |
| 07 02 13 | waste plastic |
| 07 02 14* | wastes from additives containing hazardous substances |
| 07 02 15 | wastes from additives other than those mentioned in 07 02 14 |
| 07 02 16* | waste containing hazardous silicones |
| 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 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 hazardous substances |
| 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 01 08 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 |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 07 04 10* | other filter cakes and spent absorbents |
| 07 04 11* | sludges from on-site effluent treatment containing hazardous substances |
| 07 04 12 | sludges from on-site effluent treatment other than those mentioned in 07 04 11 |
| 07 04 13* | solid wastes containing hazardous 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 hazardous substances |
| 07 05 12 | sludges from on-site effluent treatment other than those mentioned in 07 05 11 |
| 07 05 13* | solid wastes containing hazardous substances |
| 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 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 hazardous substances |
| 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 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 hazardous substances |
| 07 07 12 | sludges from on-site effluent treatment other than those mentioned in 07 07 11 |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| **08 01** | **wastes from MFSU and removal of paint and varnish** |
| 08 01 11* | waste paint and varnish containing organic solvents or other hazardous substances |
| 08 01 12 | waste paint and varnish other than those mentioned in 08 01 11 |
| 08 01 13* | sludges from paint or varnish containing organic solvents or other hazardous substances |
| 08 01 14 | sludges from paint or varnish other than those mentioned in 08 01 13 |
| 08 01 15* | aqueous sludges containing paint or varnish containing organic solvents or other hazardous substances |
| 08 01 16 | aqueous sludges containing paint or varnish other than those mentioned in 08 01 15 |
| **08 02** | **wastes from MFSU of other coatings (including ceramic materials)** |
| 08 02 01 | waste coating powders |
| **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 12* | waste ink containing hazardous substances |
| 08 03 13 | waste ink other than those mentioned in 08 03 12 |
| 08 03 14* | ink sludges containing hazardous substances |
| 08 03 15 | ink sludges other than those mentioned in 08 03 14 |
| 08 03 16* | waste etching solutions |
| 08 03 17* | waste printing toner containing hazardous substances |
| 08 03 18 | waste printing toner other than those mentioned in 08 03 17 |
| 08 03 19* | disperse oil |
| **08 04** | **wastes from MFSU of adhesives and sealants (including water proofing products)** |
| 08 04 09* | waste adhesives and sealants containing organic solvents or other hazardous substances |
| 08 04 10 | waste adhesives and sealants other than those mentioned in 08 04 09 |
| 08 04 11* | adhesive and sealant sludges containing organic solvents or other hazardous substances |
| 08 04 12 | adhesive and sealant sludges other than those mentioned in 08 04 11 |
| 08 04 13* | aqueous sludges containing adhesives or sealants containing organic solvents or other hazardous substances |
| 08 04 14 | aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13 |
| 08 04 15* | aqueous liquid waste containing adhesives or sealants containing organic solvents or other hazardous substances |
| 08 04 16 | aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15 |
| 08 04 17* | rosin oil |
| **08 05** | **wastes not otherwise specified in 08** |
| 08 05 01* | waste isocyanates |
| | |
| **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 |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 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 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 11* | single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03 |
| 09 01 12 | single-use cameras containing batteries other than those mentioned in 09 01 11 |
| 09 01 13* | aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06 |
| | |
| **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 04* | oil fly ash and boiler dust |
| 10 01 05 | calcium-based reaction wastes from flue-gas desulphurisation in solid form |
| 10 01 07 | calcium-based reaction wastes from flue-gas desulphurisation in sludge form |
| 10 01 09* | sulphuric acid |
| 10 01 13* | fly ash from emulsified hydrocarbons used as fuel |
| 10 01 14* | bottom ash, slag and boiler dust from co-incineration containing hazardous substances |
| 10 01 15 | bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14 |
| 10 01 16* | fly ash from co-incineration containing hazardous substances |
| 10 01 17 | fly ash from co-incineration other than those mentioned in 10 01 16 |
| 10 01 18* | wastes from gas cleaning containing hazardous substances |
| 10 01 19 | wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18 |
| 10 01 20* | sludges from on-site effluent treatment containing hazardous substances |
| 10 01 21 | sludges from on-site effluent treatment other than those mentioned in 10 01 20 |
| 10 01 22* | aqueous sludges from boiler cleansing containing hazardous substances |
| 10 01 23 | aqueous sludges from boiler cleansing other than those mentioned in 10 01 22 |
| 10 01 24 | sands from fluidised beds |
| 10 01 25 | wastes from fuel storage and preparation of coal-fired power plants |
| 10 01 26 | wastes from cooling-water treatment |
| **10 02** | **wastes from the iron and steel industry** |
| 10 02 01 | wastes from the processing of slag |
| 10 02 02 | unprocessed slag |
| 10 02 07* | solid wastes from gas treatment containing hazardous substances |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 10 02 08 | solid wastes from gas treatment other than those mentioned in 10 02 07 |
| 10 02 10 | mill scales |
| 10 02 11* | wastes from cooling-water treatment containing oil |
| 10 02 12 | wastes from cooling-water treatment other than those mentioned in 10 02 11 |
| 10 02 13* | sludges and filter cakes from gas treatment containing hazardous substances |
| 10 02 14 | sludges and filter cakes from gas treatment other than those mentioned in 10 02 13 |
| 10 02 15 | other sludges and filter cakes |
| **10 03** | **wastes from aluminium thermal metallurgy** |
| 10 03 02 | anode scraps |
| 10 03 04* | primary production slags |
| 10 03 05 | waste alumina |
| 10 03 08* | salt slags from secondary production |
| 10 03 09* | black drosses from secondary production |
| 10 03 15* | skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities |
| 10 03 16 | skimmings other than those mentioned in 10 03 15 |
| 10 03 17* | tar-containing wastes from anode manufacture |
| 10 03 18 | carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17 |
| 10 03 19* | flue-gas dust containing hazardous substances |
| 10 03 20 | flue-gas dust other than those mentioned in 10 03 19 |
| 10 03 21* | other particulates and dust (including ball-mill dust) containing hazardous substances |
| 10 03 22 | other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21 |
| 10 03 23* | solid wastes from gas treatment containing hazardous substances |
| 10 03 24 | solid wastes from gas treatment other than those mentioned in 10 03 23 |
| 10 03 25* | sludges and filter cakes from gas treatment containing hazardous substances |
| 10 03 26 | sludges and filter cakes from gas treatment other than those mentioned in 10 03 25 |
| 10 03 27* | wastes from cooling-water treatment containing oil |
| 10 03 28 | wastes from cooling-water treatment other than those mentioned in 10 03 27 |
| 10 03 29* | wastes from treatment of salt slags and black drosses containing hazardous substances |
| 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 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 |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 10 04 09* | wastes from cooling-water treatment containing oil |
| 10 04 10 | wastes from cooling-water treatment other than those mentioned in 10 04 09 |
| **10 05** | **wastes from zinc thermal metallurgy** |
| 10 05 01 | slags from primary and secondary production |
| 10 05 03* | flue-gas dust |
| 10 05 04 | other particulates and dust |
| 10 05 05* | solid 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 09 | wastes from cooling-water treatment other than those mentioned in 10 05 08 |
| 10 05 10* | dross and skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities |
| 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 03* | flue-gas dust |
| 10 06 04 | other particulates and dust |
| 10 06 06* | solid wastes from gas treatment |
| 10 06 07* | sludges and filter cakes from gas treatment |
| 10 06 09* | wastes from cooling-water treatment containing oil |
| 10 06 10 | wastes from cooling-water treatment other than those mentioned in 10 06 09 |
| **10 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 07* | wastes from cooling-water treatment containing oil |
| 10 07 08 | wastes from cooling-water treatment other than those mentioned in 10 07 07 |
| **10 08** | **wastes from other non-ferrous thermal metallurgy** |
| 10 08 04 | particulates and dust |
| 10 08 08* | salt slag from primary and secondary production |
| 10 08 09 | other slags |
| 10 08 10* | dross and skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities |
| 10 08 11 | dross and skimmings other than those mentioned in 10 08 10 |
| 10 08 12* | tar-containing wastes from anode manufacture |
| 10 08 13 | carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12 |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 10 08 14 | anode scrap |
| 10 08 15* | flue-gas dust containing hazardous substances |
| 10 08 16 | flue-gas dust other than those mentioned in 10 08 15 |
| 10 08 17* | sludges and filter cakes from flue-gas treatment containing hazardous substances |
| 10 08 18 | sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17 |
| 10 08 19* | wastes from cooling-water treatment containing oil |
| 10 08 20 | wastes from cooling-water treatment other than those mentioned in 10 08 19 |
| **10 09** | **wastes from casting of ferrous pieces** |
| 10 09 03 | furnace slag |
| 10 09 05* | casting cores and moulds which have not undergone pouring containing hazardous substances |
| 10 09 06 | casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05 |
| 10 09 07* | casting cores and moulds which have undergone pouring containing hazardous substances |
| 10 09 08 | casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07 |
| 10 09 09* | flue-gas dust containing hazardous substances |
| 10 09 10 | flue-gas dust other than those mentioned in 10 09 09 |
| 10 09 11* | other particulates containing hazardous substances |
| 10 09 12 | other particulates other than those mentioned in 10 09 11 |
| 10 09 13* | waste binders containing hazardous substances |
| 10 09 14 | waste binders other than those mentioned in 10 09 13 |
| 10 09 15* | waste crack-indicating agent containing hazardous substances |
| 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 05* | casting cores and moulds which have not undergone pouring, containing hazardous substances |
| 10 10 06 | casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05 |
| 10 10 07* | casting cores and moulds which have undergone pouring, containing hazardous substances |
| 10 10 08 | casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07 |
| 10 10 09* | flue-gas dust containing hazardous substances |
| 10 10 10 | flue-gas dust other than those mentioned in 10 10 09 |
| 10 10 11* | other particulates containing hazardous substances |
| 10 10 12 | other particulates other than those mentioned in 10 10 11 |
| 10 10 13* | waste binders containing hazardous substances |
| 10 10 14 | waste binders other than those mentioned in 10 10 13 |
| 10 10 15* | waste crack-indicating agent containing hazardous substances |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 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 09* | waste preparation mixture before thermal processing, containing hazardous substances |
| 10 11 10 | waste preparation mixture before thermal processing, other than those mentioned in 10 11 09 |
| 10 11 11* | waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes) |
| 10 11 12 | waste glass other than those mentioned in 10 11 11 |
| 10 11 13* | glass-polishing and -grinding sludge containing hazardous substances |
| 10 11 14 | glass-polishing and -grinding sludge other than those mentioned in 10 11 13 |
| 10 11 15* | solid wastes from flue-gas treatment containing hazardous substances |
| 10 11 16 | solid wastes from flue-gas treatment other than those mentioned in 10 11 15 |
| 10 11 17* | sludges and filter cakes from flue-gas treatment containing hazardous substances |
| 10 11 18 | sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17 |
| 10 11 19* | solid wastes from on-site effluent treatment containing hazardous substances |
| 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 09* | solid wastes from gas treatment containing hazardous substances |
| 10 12 10 | solid wastes from gas treatment other than those mentioned in 10 12 09 |
| 10 12 11* | wastes from glazing containing heavy metals |
| 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 09* | wastes from asbestos-cement manufacture containing asbestos |
| 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 12* | solid wastes from gas treatment containing hazardous substances |
| 10 13 13 | solid wastes from gas treatment other than those mentioned in 10 13 12 |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 10 13 14 | waste concrete and concrete sludge |
| **10 14** | **waste from crematoria** |
| 10 14 01* | waste from gas cleaning containing mercury |
| | |
| **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 hazardous substances |
| 11 01 10 | sludges and filter cakes other than those mentioned in 11 01 09 |
| 11 01 11* | aqueous rinsing liquids containing hazardous substances |
| 11 01 12 | aqueous rinsing liquids other than those mentioned in 11 01 11 |
| 11 01 13* | degreasing wastes containing hazardous substances |
| 11 01 14 | degreasing wastes other than those mentioned in 11 01 13 |
| 11 01 15* | eluate and sludges from membrane systems or ion exchange systems containing hazardous substances |
| 11 01 16* | saturated or spent ion exchange resins |
| 11 01 98* | other wastes containing hazardous substances |
| **11 02** | **wastes from non-ferrous hydrometallurgical processes** |
| 11 02 02* | sludges from zinc hydrometallurgy (including jarosite, goethite) |
| 11 02 03 | wastes from the production of anodes for aqueous electrolytical processes |
| 11 02 05* | wastes from copper hydrometallurgical processes containing hazardous substances |
| 11 02 06 | wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05 |
| 11 02 07* | other wastes containing hazardous 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 01 | hard zinc |
| 11 05 02 | zinc ash |
| 11 05 03* | solid wastes from gas treatment |
| 11 05 04* | spent flux |
| | |
| **12 01** | **wastes from shaping and physical and mechanical surface treatment of metals and plastics** |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 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 06* | mineral-based machining oils containing halogens (except emulsions and solutions) |
| 12 01 07* | mineral-based machining oils free of halogens (except emulsions and solutions) |
| 12 01 08* | machining emulsions and solutions containing halogens |
| 12 01 09* | machining emulsions and solutions free of halogens |
| 12 01 10* | synthetic machining oils |
| 12 01 12* | spent waxes and fats |
| 12 01 13 | welding wastes |
| 12 01 14* | machining sludges containing hazardous substances |
| 12 01 15 | machining sludges other than those mentioned in 12 01 14 |
| 12 01 16* | waste blasting material containing hazardous substances |
| 12 01 17 | waste blasting material other than those mentioned in 12 01 16 |
| 12 01 18* | metal sludge (grinding, honing and lapping sludge) containing oil |
| 12 01 19* | readily biodegradable machining oil |
| 12 01 20* | spent grinding bodies and grinding materials containing hazardous substances |
| 12 01 21 | spent grinding bodies and grinding materials other than those mentioned in 12 01 20 |
| **12 03** | **wastes from water and steam degreasing processes (except 11)** |
| 12 03 01* | aqueous washing liquids |
| 12 03 02* | steam degreasing wastes |
| | |
| **13 01** | **waste hydraulic oils** |
| 13 01 01* | hydraulic oils, containing PCBs |
| 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 |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 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 |
| | |
| **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 01** | **packaging (including separately collected municipal packaging waste)** |
| 15 01 05 | composite packaging |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 15 01 06 | mixed packaging |
| 15 01 10* | packaging containing residues of or contaminated by hazardous substances |
| 15 01 11* | metallic packaging containing a hazardous 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 hazardous substances |
| 15 02 03 | absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02 |
| | |
| **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, 16 06 and 16 08)** |
| 16 01 07* | oil filters |
| 16 01 09* | components containing PCBs |
| 16 01 10* | explosive components (for example air bags) |
| 16 01 12 | brake pads other than those mentioned in 16 01 11 |
| 16 01 13* | brake fluids |
| 16 01 14* | antifreeze fluids containing hazardous substances |
| 16 01 15 | antifreeze fluids other than those mentioned in 16 01 14 |
| 16 01 21* | hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14 |
| 16 01 22 | components not otherwise specified |
| **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 componentsother than those mentioned in 16 02 09 to 16 02 12 |
| 16 02 14 | discarded equipment other than those mentioned in 16 02 09 to 16 02 13 |
| 16 02 15* | hazardous components removed from discarded equipment |
| 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 03* | inorganic wastes containing hazardous substances |
| 16 03 04 | inorganic wastes other than those mentioned in 16 03 03 |
| 16 03 05* | organic wastes containing hazardous substances |
| 16 03 06 | organic wastes other than those mentioned in 16 03 05 |
| **16 04** | **waste explosives** |
| 16 04 01* | waste ammunition |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 16 04 02* | fireworks wastes |
| 16 04 03* | other waste explosives |
| **16 05** | **gases in pressure containers and discarded chemicals** |
| 16 05 04* | gases in pressure containers (including halons) containing hazardous substances |
| 16 05 05 | gases in pressure containers other than those mentioned in 16 05 04 |
| 16 05 06* | laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals |
| 16 05 07* | discarded inorganic chemicals consisting of or containing hazardous substances |
| 16 05 08* | discarded organic chemicals consisting of or containing hazardous substances |
| 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 01* | lead batteries |
| 16 06 02* | Ni-Cd batteries |
| 16 06 04 | alkaline batteries (except 16 06 03) |
| 16 06 05 | other batteries and accumulators |
| 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 hazardous substances |
| **16 08** | **spent catalysts** |
| 16 08 01 | spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07) |
| 16 08 02* | spent catalysts containing hazardous transition metals or hazardous transition metal compounds |
| 16 08 03 | spent catalysts containing transition metals or transition metal compounds not otherwise specified |
| 16 08 04 | spent fluid catalytic cracking catalysts (except 16 08 07) |
| 16 08 05* | spent catalysts containing phosphoric acid |
| 16 08 06* | spent liquids used as catalysts |
| 16 08 07* | spent catalysts contaminated with hazardous 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 hazardous substances |
| 16 10 02 | aqueous liquid wastes other than those mentioned in 16 10 01 |
| 16 10 03* | aqueous concentrates containing hazardous substances |
| 16 10 04 | aqueous concentrates other than those mentioned in 16 10 03 |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| **16 11** | **waste linings and refractories** |
| 16 11 01* | carbon-based linings and refractories from metallurgical processes containing hazardous substances |
| 16 11 02 | carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01 |
| 16 11 03* | other linings and refractories from metallurgical processes containing hazardous substances |
| 16 11 04 | other linings and refractories from metallurgical processes other than those mentioned in 16 11 03 |
| 16 11 05* | linings and refractories from non-metallurgical processes containing hazardous substances |
| 16 11 06 | linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05 |
| | |
| **17 01** | **concrete, bricks, tiles and ceramics** |
| 17 01 06* | mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances |
| **17 02** | **wood, glass and plastic** |
| 17 02 04* | glass, plastic and wood containing or contaminated with hazardous substances |
| **17 03** | **bituminous mixtures, coal tar and tarred products** |
| 17 03 01* | bituminous mixtures containing coal tar |
| 17 03 02 | bituminous mixtures other than those mentioned in 17 03 01 |
| 17 03 03* | coal tar and tarred products |
| **17 04** | **metals (including their alloys)** |
| 17 04 09* | metal waste contaminated with hazardous substances |
| 17 04 10* | cables containing oil, coal tar and other hazardous substances |
| **17 05** | **soil (including excavated soil from contaminated sites), stones and dredging spoil** |
| 17 05 03* | soil and stones containing hazardous substances |
| 17 05 05* | dredging spoil containing hazardous substances |
| 17 05 07* | track ballast containing hazardous substances |
| **17 06** | **insulation materials and asbestos-containing construction materials** |
| 17 06 03* | other insulation materials consisting of or containing hazardous substances |
| 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 01* | gypsum-based construction materials contaminated with hazardous substances |
| 17 08 02 | gypsum-based construction materials other than those mentioned in 17 08 01 |
| **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) |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 17 09 03* | other construction and demolition wastes (including mixed wastes) containing hazardous substances |
| 17 09 04 | mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 |
| | |
| **18 01** | **wastes from natal care, diagnosis, treatment or prevention of disease in humans** |
| 18 01 01 | non-infectious sharps, not contaminated with chemicals or medicines |
| 18 01 01 and 18 01 09 | non-infectious sharps from vaccines delivered in mass vaccination centres, in the community and in care homes |
| 18 01 02 | non-infectious anatomical waste, not chemically preserved |
| 18 01 02 and 18 01 06* | non-infectious anatomical waste, chemically preserved, hazardous chemicals |
| 18 01 02 and 18 01 07 | non-infectious anatomical waste, chemically preserved, non-hazardous chemicals |
| 18 01 03* | infectious waste, not contaminated with chemicals or medicines (may contain sharps)<br>infectious anatomical waste, not chemically preserved<br>infectious gypsum wastes (for example, plaster casts and moulds) |
| 18 01 03* and 18 01 06* or 18 01 07 | infectious waste, contaminated with chemicals<br>infectious anatomical waste, chemically preserved |
| 18 01 03* and 18 01 08* or 20 01 31* | infectious waste, contaminated with cytotoxic and cytostatic medicines – (may contain sharps) |
| 18 01 03* and 18 01 09 | infectious waste, medicinally contaminated (not cytotoxic or cytostatic) – (may contain sharps)<br>sharps from vaccinations delivered in hospitals or GP surgeries |
| 18 01 04 | non-infectious offensive waste – human healthcare<br>non-infectious gypsum wastes (for example, plaster casts and moulds) |
| 18 01 06* | chemicals consisting of or containing hazardous substances |
| 18 01 07 | chemicals other than those mentioned in 18 01 06 |
| 18 01 08* | cytotoxic and cytostatic medicines |
| 18 01 09 | other waste medicines, excluding cytotoxic and cytostatic medicines – human healthcare |
| 18 01 10* | amalgam waste from dental care |
| **18 02** | **wastes from research, diagnosis, treatment or prevention of disease involving animals** |
| 18 02 01 | non-infectious sharps, not contaminated with chemicals or medicines |
| 18 02 02* | infectious waste, not contaminated with chemicals or medicines (may contain sharps)<br>infectious anatomical waste, not chemically preserved<br>infectious gypsum wastes (for example, plaster casts and moulds) |
| 18 02 02* and 18 02 05* or 18 02 06 | infectious waste, contaminated with chemicals<br>infectious anatomical waste, chemically preserved |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 18 02 02* and 18 02 07* or 20 01 31* | infectious waste, contaminated with cytotoxic and cytostatic medicines (may contain sharps) |
| 18 02 02* and 18 02 08 | infectious waste, medicinally contaminated (not cytotoxic or cytostatic) (may contain sharps) |
| 18 02 03 | non-infectious anatomical waste, not chemically preserved<br>non-infectious offensive waste<br>non-infectious gypsum wastes (for example, plaster casts and moulds) |
| 18 02 03 and 18 02 05* | non-infectious anatomical waste, chemically preserved, hazardous chemicals |
| 18 02 03 and 18 02 06 | non-infectious anatomical waste, chemically preserved, non-hazardous chemicals |
| 18 02 05* | chemicals consisting of or containing hazardous substances |
| 18 02 06 | chemicals other than those mentioned in 18 02 05 |
| 18 02 07* | cytotoxic and cytostatic medicines |
| 18 02 08 | medicines other than those mentioned in 18 02 07 |
| | |
| **19 01** | **wastes from incineration or pyrolysis of waste** |
| 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 15* | boiler dust containing hazardous substances |
| 19 01 16 | boiler dust other than those mentioned in 19 01 15 |
| **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 04* | premixed wastes composed of at least one hazardous waste |
| 19 02 05* | sludges from physico/chemical treatment containing hazardous substances |
| 19 02 06 | sludges from physico/chemical treatment other than those mentioned in 19 02 05 |
| 19 02 07* | oil and concentrates from separation |
| 19 02 08* | liquid combustible wastes containing hazardous substances |
| 19 02 09* | solid combustible wastes containing hazardous substances |
| 19 02 10 | combustible wastes other than those mentioned in 19 02 08 and 19 02 09 |
| 19 02 11* | other wastes containing hazardous substances |
| **19 03** | **stabilised/solidified wastes** |
| 19 03 04* | wastes marked as hazardous, partly stabilised other than 19 03 08 |
| 19 03 05 | stabilised wastes other than those mentioned in 19 03 04 |
| 19 03 06* | wastes marked as hazardous, solidified |
| 19 03 07 | solidified wastes other than those mentioned in 19 03 06 |
| **19 04** | **vitrified waste and wastes from vitrification** |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 19 04 01 | vitrified waste |
| 19 04 02* | fly ash and other flue-gas treatment wastes |
| 19 04 03* | non-vitrified solid phase |
| 19 04 04 | aqueous liquid wastes from vitrified waste tempering |
| **19 07** | **landfill leachate** |
| 19 07 02* | landfill leachate containing hazardous substances |
| 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 06* | saturated or spent ion exchange resins |
| 19 08 07* | solutions and sludges from regeneration of ion exchangers |
| 19 08 09 | grease and oil mixture from oil/water separation containing only edible oil and fats |
| 19 08 10* | grease and oil mixture from oil/water separation other than those mentioned in 19 08 09 |
| 19 08 11* | sludges containing hazardous 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 hazardous 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 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 03* | fluff-light fraction and dust containing hazardous substances |
| 19 10 04 | fluff-light fraction and dust other than those mentioned in 19 10 03 |
| 19 10 05* | other fractions containing hazardous 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 hazardous substances |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 19 11 06 | sludges from on-site effluent treatment other than those mentioned in 19 11 05 |
| 19 11 07* | wastes from flue-gas cleaning |
| **19 12** | **wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified** |
| 19 12 04 | plastic and rubber |
| 19 12 06* | wood containing hazardous substances |
| 19 12 10 | combustible waste (refuse derived fuel) |
| 19 12 11* | other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances |
| 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 01* | solid wastes from soil remediation containing hazardous substances |
| 19 13 02 | solid wastes from soil remediation other than those mentioned in 19 13 01 |
| 19 13 03* | sludges from soil remediation containing hazardous substances |
| 19 13 04 | sludges from soil remediation other than those mentioned in 19 13 03 |
| 19 13 05* | sludges from groundwater remediation containing hazardous substances |
| 19 13 06 | sludges from groundwater remediation other than those mentioned in 19 13 05 |
| 19 13 07* | aqueous liquid wastes and aqueous concentrates from groundwater remediation containing hazardous substances |
| 19 13 08 | aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07 |
| | |
| **20 01** | **separately collected fractions (except 15 01)** |
| 20 01 10 | clothes |
| 20 01 11 | textiles |
| 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 25 | edible oil and fat |
| 20 01 26* | oil and fat other than those mentioned in 20 01 25 |
| 20 01 27* | paint, inks, adhesives and resins containing hazardous substances |
| 20 01 28 | paint, inks, adhesives and resins other than those mentioned in 20 01 27 |
| 20 01 29* | detergents containing hazardous substances |
| 20 01 30 | detergents other than those mentioned in 20 01 29 |

| Table S2.3 Permitted waste types and quantities for repackaging and transfer (activities AR2, AR6, AR7) | |
|---|---|
| **Maximum quantity** | **16,425 tonnes per year** |
| **Waste code** | **Description** |
| 20 01 31* | cytotoxic and cytostatic medicines – municipal, separately collected fractions not from healthcare or research-related sources |
| 20 01 32 | other waste medicines, excluding cytotoxic and cytostatic medicines – municipal, separately collected fractions not from healthcare or research-related sources |
| 20 01 33* | batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries |
| 20 01 34 | batteries and accumulators other than those mentioned in 20 01 33 |
| 20 01 35* | discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components |
| 20 01 36 | discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |
| 20 01 37* | wood containing hazardous substances |
| 20 01 41 | wastes from chimney sweeping |
| 20 01 99 | non-infectious offensive waste – municipal, separately collected fractions not from healthcare or research-related sources<br>non-infectious sharps, not contaminated with chemicals or medicines – not from healthcare or research-related sources<br>infectious waste, not contaminated with chemicals or medicines – municipal, separately collected fractions, not from healthcare or research-related sources (may contain sharps) |
| **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 04 | septic tank sludge |
| 20 03 06 | waste from sewage cleaning |
| 20 03 07 | bulky waste |

# Schedule 3 – Emissions and monitoring

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Parameter** | **Source** | **Limit (including unit)** | **Reference period** | **Monitoring frequency** | **Monitoring standard(s) or method(s)** |
| A1 (as shown on site plan received 25/10/23) | Particulate matter | Incineration exhaust gases via main stack | 30 mg/m$^3$ | ½-hr average | Continuous | EN 14181 |
| A1 (as shown on site plan received 25/10/23) | Particulate matter | Incineration exhaust gases via main stack | 10 mg/m$^3$ Until 02/12/2023<br>5 mg/m$^3$ from 03/12/2023 | daily average | Continuous | EN 14181 |
| A1 (as shown on site plan received 25/10/23) | Total Organic Carbon (TOC) | Incineration exhaust gases via main stack | 20 mg/m$^3$ | ½-hr average | Continuous | EN 14181 |
| A1 (as shown on site plan received 25/10/23) | Total Organic Carbon (TOC) | Incineration exhaust gases via main stack | 10 mg/m$^3$ | daily average | Continuous | EN 14181 |
| A1 (as shown on site plan received 25/10/23) | Hydrogen chloride | Incineration exhaust gases via main stack | 60 mg/m$^3$ | ½-hr average | Continuous | EN 14181 |
| A1 (as shown on site plan received 25/10/23) | Hydrogen chloride | Incineration exhaust gases via main stack | 10 mg/m$^3$ Until 02/12/2023<br>8 mg/m$^3$ from 03/12/2023 | daily average | Continuous | EN 14181 |

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Parameter** | **Source** | **Limit (including unit)** | **Reference period** | **Monitoring frequency** | **Monitoring standard(s) or method(s)** |
| A1 (as shown on site plan received 25/10/23) | Hydrogen fluoride | Incineration exhaust gases via main stack | 2 mg/m$^3$ until 02/12/2023<br>1 mg/m$^3$ from 03/12/2023 | Average of three consecutive measurements of at least 30 minutes each | Bi-annually | CEN TS 17340<br>[BS ISO 15713 can be used until 01/03/22] |
| A1 (as shown on site plan received 25/10/23) | Carbon monoxide | Incineration exhaust gases via main stack | 150 mg/m$^3$ | 95% of all 10-minute averages in any 24-hour period | Continuous | EN 14181 |
| A1 (as shown on site plan received 25/10/23) | Carbon monoxide | Incineration exhaust gases via main stack | 50 mg/m$^3$ | daily average | Continuous | EN 14181 |
| A1 (as shown on site plan received 25/10/23) | Sulphur dioxide | Incineration exhaust gases via main stack | 200 mg/m$^3$ | ½-hr average | Continuous | EN 14181 |
| A1 (as shown on site plan received 25/10/23) | Sulphur dioxide | Incineration exhaust gases via main stack | 50 mg/m$^3$ Until 02/12/2023<br>40 mg/m$^3$ from 03/12/2023 | daily average | Continuous | EN 14181 |
| A1 (as shown on site plan received 25/10/23) | Oxides of nitrogen (NO and $NO_2$ expressed as $NO_2$) | Incineration exhaust gases via main stack | 400 mg/m$^3$ | ½-hr average | Continuous | EN 14181 |

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Parameter** | **Source** | **Limit (including unit)** | **Reference period** | **Monitoring frequency** | **Monitoring standard(s) or method(s)** |
| A1 (as shown on site plan received 25/10/23) | Oxides of nitrogen (NO and $NO_2$ expressed as $NO_2$) | Incineration exhaust gases via main stack | 200 mg/$m^3$ Until 02/12/2023<br>180 mg/$m^3$ from 03/12/2023 | daily average | Continuous | EN 14181 |
| A1 (as shown on site plan received 25/10/23) | Cadmium & thallium and their compounds (total) | Incineration exhaust gases via main stack | 0.05 mg/$m^3$ until 02/12/2023<br>0.02 mg/$m^3$ from 03/12/2023 | Average of three consecutive measurements of at least 30 minutes each | Bi-annually | BS EN 14385 |
| A1 (as shown on site plan received 25/10/23) | Mercury and its compounds | Incineration exhaust gases via main stack | 0.05 mg/$m^3$ until 02/12/2023 | Average of three consecutive measurements of at least 30 minutes each | Bi-annually until 02/12/2023 | BS EN 13211 |
| A1 (as shown on site plan received 25/10/23) | Mercury and its compounds | Incineration exhaust gases via main stack | 0.02 mg/$m^3$ from 03/12/2023<br>Limit does not apply if continuous monitoring has been specified by the Environment Agency | Average of three consecutive measurements of at least 30 minutes each | Bi-annually from 03/12/2023<br>Not required if continuous monitoring has been specified by the Environment Agency | BS EN 13211 |

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Parameter** | **Source** | **Limit (including unit)** | **Reference period** | **Monitoring frequency** | **Monitoring standard(s) or method(s)** |
| A1 (as shown on site plan received 25/10/23) | Mercury and its compounds | Incineration exhaust gases via main stack | 0.02 mg/m$^3$ from 03/12/2023 | Daily average | Continuous from 03/12/2023<br>Not required unless continuous monitoring has been specified in writing by the Environment Agency | EN 14181 |
| A1 (as shown on site plan received 25/10/23) | Sb, As, Pb, Cr, Co, Cu, Mn, Ni and V and their compounds (total) | Incineration exhaust gases via main stack | 0.5 mg/m$^3$ Until 02/12/2023<br>0.3 mg/m$^3$ from 03/12/2023 | Average of three consecutive measurements of at least 30 minutes each | Bi-annually | BS EN 14385 |
| A1 (as shown on site plan received 25/10/23) | Exhaust gas temperature | Incineration exhaust gases via main stack | No limit set | - | Continuous | Traceable to national standards |
| A1 (as shown on site plan received 25/10/23) | Exhaust gas pressure | Incineration exhaust gases via main stack | No limit set | - | Continuous | Traceable to national standards |
| A1 (as shown on site plan received 25/10/23) | Exhaust gas flow | Incineration exhaust gases via main stack | No limit set | - | Continuous from 01/01/2023 | BS EN 16911-2 |
| A1 (as shown on site plan received 25/10/23) | Exhaust gas oxygen content | Incineration exhaust gases via main stack | No limit set | - | Continuous | EN 14181 |
| A1 (as shown on site plan received 25/10/23) | Exhaust gas water vapour content | Incineration exhaust gases via main stack | No limit set | - | Continuous | EN 14181 |

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Parameter** | **Source** | **Limit (including unit)** | **Reference period** | **Monitoring frequency** | **Monitoring standard(s) or method(s)** |
| A1 (as shown on site plan received 25/10/23) | Carbon dioxide | Incineration exhaust gases via main stack | No limit set | Continuous | Continuous | EN 14181 |
| A1 (as shown on site plan received 25/10/23) | Dioxins / furans (I-TEQ) | Incineration exhaust gases via main stack | 0.1 ng/$m^3$<br>Until 02/12/2023 | periodic over minimum 6 hours, maximum 8 hour period | Bi-annually<br>until 02/12/2023 | BS EN 1948 Parts 1, 2 and 3 |
| A1 (as shown on site plan received 25/10/23) | Dioxins / furans (I-TEQ) | Incineration exhaust gases via main stack | 0.06 ng/$m^3$<br>and<br>0.08 ng/$m^3$<br>if long term limit is specified by the Environment Agency in line with sampling protocol<br>from 03/12/2023 | periodic over minimum 6 hours, maximum 8 hour period<br>and<br>value over sampling period of 2 to 4 weeks for long term sampling | Bi-annually<br>from 03/12/2023<br>and<br>long term sampling if specified by the Environment Agency in line with sampling protocol from 03/12/2023 | EN 1948 Parts 1, 2 and 3<br>and<br>CEN TS 1948-5 if specified by the Environment Agency in line with sampling protocol |
| A1 (as shown on site plan received 25/10/23) | Dioxin-like PCBs (WHO-TEQ Humans / Mammals, Fish, Birds) | Incineration exhaust gases via main stack | No limit set | periodic over minimum 6 hours, maximum 8 hour period | Bi-annually | EN 1948 Parts 1, 2 and 4 |

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Parameter** | **Source** | **Limit (including unit)** | **Reference period** | **Monitoring frequency** | **Monitoring standard(s) or method(s)** |
| A1 (as shown on site plan received 25/10/23) | Dioxins / furans (WHO-TEQ Humans / Mammals, Fish, Birds) | Incineration exhaust gases via main stack | No limit set | periodic over minimum 6 hours, maximum 8 hour period | Bi-annually | BS EN 1948 Parts 1, 2 and 3 |
| A1 (as shown on site plan received 25/10/23) | Polybrominated dibenzo-dioxins and furans | Incineration exhaust gases via main stack | No limit set | periodic over minimum 6 hours, maximum 8 hour period | Bi-annually from 01/01/2023 Not required unless wastes containing brominated flame retardants are burned | Method based on procedural requirements of EN 1948 |
| A1 (as shown on site plan received 25/10/23) | Specific individual poly-cyclic aromatic hydrocarbons (PAHs), as specified in Schedule 6. | Incineration exhaust gases via main stack | No limit set | periodic over minimum 6 hours, maximum 8 hour period | Annually | BS ISO 11338 Parts 1 and 2. |
| A2 (as shown on site plan received 25/10/23) | No parameters set | Back-up electrical generator | No limit set | - | - | - |

| Table S3.1(a) Point source emissions to air during abnormal operation of incineration plant – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Parameter** | **Source** | **Limit (including unit)** | **Reference period** | **Monitoring frequency** | **Monitoring standard or method** |
| A1 (as shown on site plan received 25/10/23) | Particulate matter | Incineration exhaust gases via main stack | 150 $mg/m^3$ | ½-hr average | Continuous | EN 14181<br>or<br>alternative surrogate as agreed in writing with the environment agency during failure of the continuous emission monitor |
| | Total Organic Carbon (TOC) | | 20 $mg/m^3$ | ½-hr average | Continuous | |
| | Carbon monoxide | | 150 $mg/m^3$ | 95% of all 10-minute averages in any 24-hour period | Continuous | |

| Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Source** | **Parameter** | **Limit (incl. unit)** | **Reference Period** | **Monitoring frequency** | **Monitoring standard or method** |
| W1 (as shown on site plan received 25/10/23) | Uncontaminated roof water and surface water from hard standings | No parameters set | No limits set | - | - | - |

| Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Source** | **Parameter** | **Limit (incl. unit)** | **Reference Period** | **Monitoring frequency** | **Monitoring standard or method** |
| S1 (emission from sump to Thames Water) | Boiler blowdown | No parameters set | No limits set | - | - | - |

| Table S3.4 Process monitoring requirements | | | | |
|---|---|---|---|---|
| **Emission point reference or source or description of point of measurement** | **Parameter** | **Monitoring frequency** | **Monitoring standard or method** | **Other specifications** |
| As identified in the Application | Wind Speed and Direction | Continuous | Anemometer | |
| Location close to the Combustion Chamber inner wall or as identified and justified in Application. | Temperature (° C) | Continuous | Traceable to national standards | As agreed in writing with the Agency. |
| Incineration plant | Boiler efficiency | within 6 months of any modification that significantly affects energy efficiency | Performance test at full load or other method as agreed in writing with the Environment Agency | |

| Table S3.5 Residue quality | | | | | |
|---|---|---|---|---|---|
| **Emission point reference or source or description of point of measurement** | **Parameter** | **Limit** | **Monitoring frequency** | **Monitoring standard or method *** | **Other specifications** |
| Bottom Ash | TOC<br><br>or otherwise as agreed in writing with the Environment Agency | 3%<br><br>or otherwise as agreed in writing with the Environment Agency | Quarterly | EN 14899 and either EN 13137 or EN 15936<br><br>or otherwise as agreed in writing with the Environment Agency | Environment Agency Guidance, 'TGN M4 – Guidelines for Ash Sampling and Analysis' |
| Bottom Ash | Metals (Antimony, Cadmium, Thallium, Mercury, Lead, Chromium, Copper, Manganese, Nickel, Arsenic, Cobalt, Vanadium, Zinc) and their compounds, dioxins/furans and dioxin-like PCBs. | | Quarterly | Environment Agency Guidance, 'TGN M4 – Guidelines for Ash Sampling and Analysis' | |
| Bottom Ash | Total soluble fraction and metals (Antimony, Cadmium, Thallium, Mercury, Lead, Chromium, Copper, Manganese, Nickel, Arsenic, Cobalt, Vanadium, Zinc) soluble fractions | | Before use of a new disposal or recycling route | Environment Agency Guidance, 'TGN M4 – Guidelines for Ash Sampling and Analysis' | |
| APC Residues | Metals (Antimony, Cadmium, Thallium, Mercury, Lead, Chromium, Copper, Manganese, Nickel, Arsenic, Cobalt, Vanadium, Zinc) and their compounds, dioxins/furans and dioxin-like PCBs. | | Quarterly | Environment Agency Guidance, 'TGN M4 – Guidelines for Ash Sampling and Analysis' | |

| Table S3.5 Residue quality | | | | | |
|---|---|---|---|---|---|
| **Emission point reference or source or description of point of measurement** | **Parameter** | **Limit** | **Monitoring frequency** | **Monitoring standard or method *** | **Other specifications** |
| APC Residues | Total soluble fraction and metals (Antimony, Cadmium, Thallium, Mercury, Lead, Chromium, Copper, Manganese, Nickel, Arsenic, Cobalt, Vanadium, Zinc) soluble fractions | | Before use of a new disposal or recycling route | Environment Agency Guidance, 'TGN M4 – Guidelines for Ash Sampling and Analysis' | |

* Or other equivalent standard as agreed in writing with the Environment Agency.

# Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

| **Table S4.1 Reporting of monitoring data** | | | |
|---|---|---|---|
| **Parameter** | **Emission or monitoring point/reference** | **Reporting period** | **Period begins** |
| Emissions to air<br>Parameters as required by condition 3.6.1. | A1 | Quarterly | 1 Jan, 1 Apr, 1 Jul and 1 Oct |
| TOC<br><br>or otherwise as agreed in writing with the Environment Agency<br><br>Parameters as required by condition 3.6.1 | Bottom Ash | Quarterly | 1 Jan, 1 Apr, 1 Jul and 1 Oct |
| Metals (Antimony, Cadmium, Thallium, Mercury, Lead, Chromium, Copper, Manganese, Nickel, Arsenic, Cobalt, Vanadium, Zinc) and their compounds, dioxins/furans and dioxin-like PCBs<br>Parameters as required by condition 3.6.1 | Bottom Ash | Quarterly | 1 Jan, 1 Apr, 1 Jul and 1 Oct |
| Total soluble fraction and metals (Antimony, Cadmium, Thallium, Mercury, Lead, Chromium, Copper, Manganese, Nickel, Arsenic, Cobalt, Vanadium, Zinc) soluble fractions<br>Parameters as required by condition 3.6.1 | Bottom Ash | Before use of a new disposal or recycling route | |
| Metals (Antimony, Cadmium, Thallium, Mercury, Lead, Chromium, Copper, Manganese, Nickel, Arsenic, Cobalt, Vanadium, Zinc) and their compounds, dioxins/furans and dioxin-like PCBs<br>Parameters as required by condition 3.6.1 | APC Residues | Quarterly | 1 Jan, 1 Apr, 1 Jul and 1 Oct |
| Total soluble fraction and metals (Antimony, Cadmium, Thallium, Mercury, Lead, Chromium, Copper, Manganese, Nickel, Arsenic, Cobalt, Vanadium, Zinc) soluble fractions<br>Parameters as required by condition 3.6.1 | APC Residues | Before use of a new disposal or recycling route | |

| Table S4.2: Annual production/treatment | |
|---|---|
| **Parameter** | **Units** |
| Total waste incinerated | tonnes |
| Thermal energy exported | KWh |

| Table S4.3 Performance parameters | | |
|---|---|---|
| **Parameter** | **Frequency of assessment** | **Units** |
| Annual Report as required by condition 4.2.2 | Annually | - |
| Electrical imported and used at the installation | Annually | KWh / tonne of waste incinerated |
| Bottom Ash residue | Annually | Route, tonnes and tonnes / tonne of waste incinerated |
| APC residue | Annually | Route, tonnes and tonnes / tonne of waste incinerated |
| Activated Carbon consumption | Annually | Kg / tonne of waste incinerated |
| Lime consumption | Annually | Kg / tonne of waste incinerated |
| Water consumption | Annually | Kg / tonne of waste incinerated |
| Frequency of emergency relief vent operation. | Annually | Number of events per annum |
| Periods of abnormal operation | Annually | No of occasions and cumulative hours for current calendar year for each line. |

| Table S4.4 Reporting forms | | |
|---|---|---|
| **Media/parameter** | **Reporting format** | **Date of form** |
| Annual report required by condition 4.2.2 | Annual performance report template | - |
| Emissions to air until 02/12/2023 | Forms S3/A1, S3/A2, S3/A3, S3/A4 or other forms as agreed in writing by the Environment Agency | 01/07/09 |
| Emissions to air from 03/12/2023 | Forms air 1-9 or other forms as agreed in writing by the Environment Agency | 13/11/23 |
| Residue quality | Form residue 1 and 2 or other form as agreed in writing by the Environment Agency | 13/11/23 |

# Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

## Part A

| | |
|---|---|
| Permit Number | |
| Name of operator | |
| Location of Facility | |
| Time and date of the detection | |

| **(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution** | |
|---|---|
| **To be notified within 24 hours of detection** | |
| Date and time of the event | |
| Reference or description of the location of the event | |
| Description of where any release into the environment took place | |
| Substances(s) potentially released | |
| Best estimate of the quantity or rate of release of substances | |
| Measures taken, or intended to be taken, to stop any emission | |
| Description of the failure or accident. | |

| **(b) Notification requirements for the breach of a limit** | |
|---|---|
| **To be notified within 24 hours of detection unless otherwise specified below** | |
| Emission point reference/ source | |
| Parameter(s) | |
| Limit | |
| Measured value and uncertainty | |
| Date and time of monitoring | |

| (b) Notification requirements for the breach of a limit | |
|---|---|
| **To be notified within 24 hours of detection unless otherwise specified below** | |
| Measures taken, or intended to be taken, to stop the emission | |

| Time periods for notification following detection of a breach of a limit | |
|---|---|
| **Parameter** | **Notification period** |
| | |
| | |
| | |

| (c) Notification requirements for the breach of permit conditions not related to limits | |
|---|---|
| To be notified within 24 hours of detection | |
| Condition breached | |
| Date, time and duration of breach | |
| Details of the permit breach i.e. what happened including impacts observed. | |
| Measures taken, or intended to be taken, to restore permit compliance. | |

| (d) Notification requirements for the detection of any significant adverse environmental effect | |
|---|---|
| **To be notified within 24 hours of detection** | |
| Description of where the effect on the environment was detected | |
| Substances(s) detected | |
| Concentrations of substances detected | |
| Date of monitoring/sampling | |

# Part B – to be submitted as soon as practicable

| | |
|---|---|
| Any more accurate information on the matters for notification under Part A. | |

| | |
|---|---|
| Measures taken, or intended to be taken, to prevent a recurrence of the incident | |
| Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission | |
| The dates of any unauthorised emissions from the facility in the preceding 24 months. | |

| | |
|---|---|
| Name* | |
| Post | |
| Signature | |
| Date | |

* authorised to sign on behalf of the operator

# Schedule 6 – Interpretation

“abatement equipment” means that equipment dedicated to the removal of polluting substances from releases from the installation to air or water media.

“abnormal operation” means: any technically unavoidable stoppages, disturbances, or failures of the plant or the measurement devices. Abnormal operation starts as defined in condition 2.3.15 and ends as defined in condition 2.3.16. Abnormal operation is limited to 4 hours for a single occurrence and a total of 60 hours per year per line.

“accident” means an accident that may result in pollution.

“APC residues” means air pollution control residues

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“BAT conclusions” means Commission Implementing Decision (EU) 2019/2010 of 12 November 2019 establishing the best available techniques (BAT) conclusions, under Directive 2010/75/EU of the European Parliament and of the Council, for Waste Incineration

“bottom ash” means ash from the third hearth of the primary chamber which has been through the ash box system and has been deposited in the ash skip as described in the application.

“building” is a covered structure enclosed on all vertical sides that provides sheltered cover and contains emissions of, for example, noise, particulate matter, odour and litter.

“CEM” Continuous emission monitor

“CEN” means Commité Européen de Normalisation

“bi-annual” means twice per year with at least five months between tests

“clinical” waste means waste from a healthcare activity (including veterinary healthcare) that:

a) contains viable micro-organisms or their toxins which are known or reliably believed to cause disease in humans or other living organisms
b) contains or is contaminated with a medicine that contains a biologically active pharmaceutical agent
c) is a sharp, or a body fluid or other biological material (including human and animal tissue) containing or contaminated with a hazardous substance

and waste of a similar nature from a non-healthcare activity.

“container” is a receptacle for waste for example bags, bins, boxes, drums, IBCs and blister packs. Wastes may be packaged in more than one receptacle for example a bag in a box.

“cytotoxic and cytostatic medicines” are medicinal products that possess one or more of the hazardous properties acutely toxic, carcinogenic, mutagenic or toxic for reproduction.

“D” means a disposal operation provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on Waste.

Daily average emissions value means ‘the average of at least 43 valid half hourly averages or for CO the average of at least 43 valid half hourly averages or 129 valid 10 min averages’

“dioxin and furans” means polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans.

“disposal”. Means any of the operations provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

‘Hazardous property’ has the meaning in Annex lll of the Waste Framework Directive

“hazardous substance” means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008.

‘Hazardous waste’ has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 (as amended)

“healthcare waste” means waste produced during human or animal healthcare, or related research activities. It covers both clinical and offensive waste. Wastes produced by healthcare in the community, and similar types of waste produced by non-healthcare activities are included, for example:

- cosmetic body piercing and body art
- non-medicinal procedures in the hair and beauty sector
- substance abuse
- crime scene clean-up.

“impermeable surface” means a surface or pavement constructed and maintained to a standard sufficient to prevent the transmission of liquids beyond the pavement surface.

“incineration line” means all of the incineration equipment related to a common discharge to air location.

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

“infectious clinical waste” means clinical waste incorporating substances containing viable micro-organisms or their toxins which are known or reliably believed to cause disease in man or other living organisms

“ISO” means International Standards Organisation.

‘List of Wastes’ means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time

“LOI” means loss on ignition a technique used to determine the combustible material by heating the ash residue to a high temperature

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“medicines” are “medicinal products” as defined in Regulation 130 of Part VIII of the Medicines Act 1968. Waste medicines (or pharmaceutical waste) include:

- expired, unused, spilt and contaminated medical products that are no longer required and need to be disposed of appropriately;
- discarded items contaminated with medicines such as bottles or boxes with residues, gloves, masks, connecting tubing, syringe bodies and drug vials.

“mixing of hazardous waste” means mixing hazardous waste as defined by Regulation 18 of the Hazardous Waste (England and Wales) Regulations 2005.

“offensive waste” is waste that:

- is not clinical waste
- contains body fluids, secretions or excretions
- falls within waste codes 18 01 04, 18 02 03 or 20 01 99.

“PAH” means Poly-cyclic aromatic hydrocarbon, and comprises Anthanthrene, Benzo[a]anthracene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Benzo[b]naph(2,1-d)thiophene, Benzo[c]phenanthrene, Benzo[ghi]perylene, Benzo[a]pyrene, Cholanthrene, Chrysene, Cyclopenta[c,d]pyrene, Dibenzo[ah]anthracene, Dibenzo[a,i]pyrene Fluoranthene, Indo[1,2,3-cd]pyrene, Naphthalene

“PCB” means Polychlorinated Biphenyl. Dioxin-like PCBs are the non-ortho and mono-ortho PCBs listed in the table below.

“Pests” means Birds, Vermin and Insects.

“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“R” means a recovery operation provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on Waste.

“recovery” means any of the operations provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“repackaging” is:

- taking a waste package for example a bag, drum or box out of one cart or bulk container for example, skip and placing it into another cart or bulk container for example, skip
- taking a waste package from a cart or bulk container for example, skip and placing it onto a pallet or vehicle
- taking a waste package from a pallet and placing it into a cart or bulk container for example, skip
- transferring, removing or separating waste from its primary packaging into another container

“sealed container” for the purposes of this permit, means a container which is fully enclosed, weather proof, does not allow any solid or liquid content to escape and is lockable.

“sealed drainage” in relation to an impermeable surface means a drainage system with impermeable components which does not leak and which will ensure that:

- no liquid will run off the surface otherwise than via the system
- except where they may lawfully be discharged to foul sewer, all liquids entering the system are collected in a sealed sump

“sharps” means items that could cause cuts or puncture wounds. They include needles, hypodermic needles, scalpels and other blades, knives, infusion sets, saws, broken glass, and nails.

“start up” is any period, where the plant has been non-operational, until waste has been fed to the plant in a sufficient quantity to initiate steady-state conditions as described in the application or as agreed in writing with the Environment Agency.

“shut down” is any period where the plant is being returned to a non-operational state as described in the application or as agreed in writing with the Environment Agency.

“TOC” means Total Organic Carbon. In respect of releases to air, this means the gaseous and vaporous organic substances, expressed as TOC. In respect of Bottom Ash, this means the total carbon content of all organic species present in the ash (excluding carbon in elemental form).

‘Waste code’ means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

(a) in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or

(b) in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content

(c) in relation to gases from incineration plants other than those burning waste oil, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 11% dry,

(d) where hazardous wastes are burned in plant covered by Schedule 13 of Environmental Permitting Regulations and the emissions of pollutants are reduced by gas treatment, standardisation of the gas with respect to oxygen content shall be carried out only if the oxygen concentration measured over the same period exceeds the relevant oxygen content defined in conditions (a) – (c) above. In other cases, the measured emissions shall be standardised only for moisture, pressure and temperature.

For dioxins/furans and dioxin-like PCBs the determination of the toxic equivalence concentration (I-TEQ, & WHO-TEQ for dioxins/furans, WHO-TEQ for dioxin-like PCBs) stated as a release limit and/ or reporting requirement, the mass concentrations of the following congeners have to be multiplied with their respective toxic equivalence factors before summing. When reporting on measurements of dioxins/furans and dioxin-like PCBs, the toxic equivalence concentrations should be reported as a range based on: all congeners less than the detection limit assumed to be zero as a minimum, and all congeners less than the detection limit assumed to be at the detection limit as a maximum. However the minimum value should be used when assessing compliance with the emission limit value in table S3.1.

| **TEF schemes for dioxins and furans** | | | | |
|---|---|---|---|---|
| **Congener** | **I-TEF** | **WHO-TEF** | | |
| | **1990** | **2005** | **1997/8** | |
| | | **Humans / Mammals** | **Fish** | **Birds** |
| **Dioxins** | | | | |
| 2,3,7,8-TCDD | 1 | 1 | 1 | 1 |
| 1,2,3,7,8-PeCDD | 0.5 | 1 | 1 | 1 |
| 1,2,3,4,7,8-HxCDD | 0.1 | 0.1 | 0.5 | 0.05 |
| 1,2,3,6,7,8-HxCDD | 0.1 | 0.1 | 0.01 | 0.01 |
| 1,2,3,7,8,9-HxCDD | 0.1 | 0.1 | 0.01 | 0.1 |
| 1,2,3,4,6,7,8-HpCDD | 0.01 | 0.01 | 0.001 | <0.001 |
| OCDD | 0.001 | 0.0003 | - | - |
| **Furans** | | | | |
| 2,3,7,8-TCDF | 0.1 | 0.1 | 0.05 | 1 |
| 1,2,3,7,8-PeCDF | 0.05 | 0.03 | 0.05 | 0.1 |
| 2,3,4,7,8-PeCDF | 0.5 | 0.3 | 0.5 | 1 |
| 1,2,3,4,7,8-HxCDF | 0.1 | 0.1 | 0.1 | 0.1 |
| 1,2,3,7,8,9-HxCDF | 0.1 | 0.1 | 0.1 | 0.1 |
| 1,2,3,6,7,8-HxCDF | 0.1 | 0.1 | 0.1 | 0.1 |
| 2,3,4,6,7,8-HxCDF | 0.1 | 0.1 | 0.1 | 0.1 |
| 1,2,3,4,6,7,8_HpCDF | 0.01 | 0.01 | 0.01 | 0.01 |

| TEF schemes for dioxins and furans | | | | |
|---|---|---|---|---|
| **Congener** | **I-TEF** | **WHO-TEF** | | |
| | **1990** | **2005** | **1997/8** | |
| 1,2,3,4,7,8,9-HpCDF | 0.01 | 0.01 | 0.01 | 0.01 |
| OCDF | 0.001 | 0.0003 | 0.0001 | 0.0001 |

| TEF schemes for dioxin-like PCBs | | | |
|---|---|---|---|
| **Congener** | **WHO-TEF** | | |
| | **2005** | **1997/8** | |
| | **Humans / mammals** | **Fish** | **Birds** |
| **Non-ortho PCBs** | | | |
| 3,4,4',5-TCB (81) | 0.0001 | 0.0005 | 0.1 |
| 3,3',4,4'-TCB (77) | 0.0003 | 0.0001 | 0.05 |
| 3,3',4,4',5 - PeCB (126) | 0.1 | 0.005 | 0.1 |
| 3,3',4,4',5,5'-HxCB(169) | 0.03 | 0.00005 | 0.001 |
| **Mono-ortho PCBs** | | | |
| 2,3,3',4,4'-PeCB (105) | 0.00003 | <0.000005 | 0.0001 |
| 2,3,4,4',5-PeCB (114) | 0.00003 | <0.000005 | 0.0001 |
| 2,3',4,4',5-PeCB (118) | 0.00003 | <0.000005 | 0.00001 |
| 2',3,4,4',5-PeCB (123) | 0.00003 | <0.000005 | 0.00001 |
| 2,3,3',4,4',5-HxCB (156) | 0.00003 | <0.000005 | 0.0001 |
| 2,3,3',4,4',5'-HxCB (157) | 0.00003 | <0.000005 | 0.0001 |
| 2,3',4,4',5,5'-HxCB (167) | 0.00003 | <0.000005 | 0.00001 |
| 2,3,3',4,4',5,5'-HpCB (189) | 0.00003 | <0.000005 | 0.00001 |

“year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, table 2.2 for that table/those tables, they have the meaning given below:

‘hazardous substance’ means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008

‘heavy metal’ means any compound of antimony, arsenic, cadmium, chromium (VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as hazardous substances

‘PCBs’ means

- polychlorinated biphenyls
- polychlorinated terphenyls

- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane
- any mixture containing any of the above mentioned substances in a total of more than 0,005 %by weight

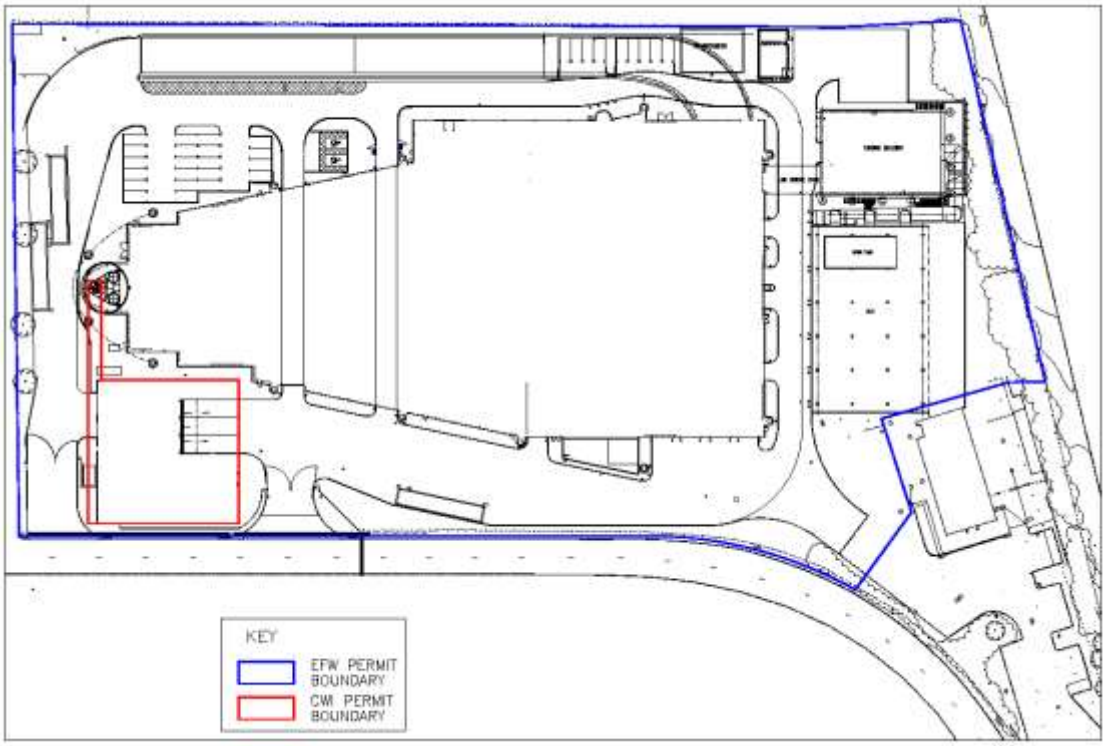
‘transition metals’ means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified as hazardous substances

‘stabilisation’ means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste

‘solidification’ means processes which only change the physical state of the waste by using additives without changing the chemical properties of the waste

‘partly stabilised wastes’ means wastes containing, after the stabilisation process, hazardous constituents which have not been changed completely into non-hazardous constituents and could be released into the environment in the short, middle or long term.

# Schedule 7 – Site plan




END OF PERMIT