# Notice of variation and consolidation with introductory note

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

Biffa Waste Services Limited

Wednesbury Waste Management Resource Centre
Potters Lane
Wednesbury
West Midlands
WS10 7NR

### Variation application number

EPR/XP3631SE/C005

### Consolidated permit number

EPR/XP3631SE

# Wednesbury Waste Management Resource Centre Permit number EPR/XP3631SE

## Introductory note

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

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.

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.

This permit variation has been issued to implement guidance “Chemical waste: appropriate measures for permitted facilities”, “Healthcare waste: appropriate measures for permitted facilities”, “Non-hazardous and inert waste: appropriate measures for permitted facilities”, “Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities” and “Waste temperature exchange equipment (WTEE): appropriate measures for permitted facilities”.

**Changes introduced by this variation notice/statutory review**

The Industrial Emissions Directive (IED) came into force on 7 January 2014 with the requirement to implement all relevant Best Available Techniques (BAT) Conclusions as described in the Commission Implementing Decision. Article 21(3) of the IED requires the Environment Agency to review conditions in permits that it has issued and to ensure that the permit delivers compliance with relevant standards, within four years of the publication of updated decisions on Best Available Techniques (BAT) Conclusions. The BAT Conclusions for Waste Treatment (the BREF) was published on 17 August 2018 following a European Union wide review of BAT, implementing decision (EU) 2018/1147 of 10 August 2018.

On 18 November 2020, Chemical waste: appropriate measures for permitted facilities guidance was published on gov.uk. On 13 July 2020, Healthcare waste: appropriate measures for permitted facilities guidance was published on gov.uk. On 13 July 2022, Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities, and Waste temperature exchange equipment (WTEE): appropriate measures for permitted facilities guidance was published on gov.uk. On 12 July 2021, Non-hazardous and inert waste: appropriate measures for permitted facilities guidance was published on gov.uk. The guidance explains the standards that are relevant to regulated facilities with an environmental permit to treat or transfer waste, providing indicative BAT for those sites.

The permit has been reviewed against the requirements of the Medium Combustion Plant Directive for 2025 (and 2030) and relevant conditions and monitoring requirements have been added.

This permit variation has been issued to update some of the conditions following a statutory review of the permits in the chemical waste treatment and transfer sector, WEEE/WTEE treatment and transfer, healthcare sector, non-hazardous treatment and transfer and to implement the appropriate measures guidance. The opportunity has also been taken to consolidate the original permit and subsequent variations where appropriate.

**Multi permit consolidation**

The following notice gives notice of the variation of environmental permits EPR/XP3631SE and EPR/TP3696FN (EAWML41706) referred to in the status logs below and the replacement of those permits with a consolidated environmental permit.

Permit A: EPR/XP3631SE

Permit B: EPR/TP3696FN (EAWML41706)

Permit A is the lead permit, and Permit B will cease to exist. The two permits have been consolidated as part of the statutory review process. The number of the consolidated permit is EPR/XP3631SE.

**Brief description of the process**

The regulated facility comprises:

- treatment of hazardous waste;
- blending or mixing of hazardous waste;
- repackaging of hazardous waste;
- temporary storage of hazardous waste;
- container washing and crushing;
- raw material storage;
- treatment of non-hazardous waste;
- blending or mixing of non-hazardous waste;
- repackaging of non-hazardous waste;
- temporary storage of non-hazardous waste.

Treatment of waste includes:

- recovery of oily waste by gravity settlement;
- disposal of hazardous aqueous waste by pH adjustment, gravity settlement, VOC stripping, ammonia stripping, oxidation and reduction;
- disposal of nitrous oxide by catalytic destruction;
- washing and crushing of metal and plastic containers.

The facility is permitted to process 170,410 tonnes of hazardous waste and 68,000 tonnes of non-hazardous waste per year. Storage capacity at the site is a maximum of 2533 tonnes for hazardous wastes and 2908 tonnes for non-hazardous wastes. The activities carried out at the site are nominally divided into waste transfer station operations and waste treatment plant operations.

The waste treatment plant involves a number of tanks of varying sizes and duties, situated in a central location within the site. The activities carried out involve the storage of both hazardous and non-hazardous liquid wastes and raw materials in tanks and the subsequent physico-chemical treatment of the waste prior to disposal. The treatment plant has been designed on a modular concept where a wide range of waste treatment techniques are employed, including pH adjustment, oil/water separation, oxidation reduction (redox), VOC stripping, ammonia stripping and an effluent treatment plant to treat the resulting effluent prior to discharge to sewer.

The waste transfer station operation consists of 14 designated bays situated in the north-eastern corner of the site and a number of storage skips located along the western boundary. The activities carried out at the transfer station primarily involve the storage of hazardous and non-hazardous wastes in sealed containers, blending or mixing, bulking of waste, repackaging of laboratory smalls, recovery of metallic containers/canisters and washing and size reduction by crushing of empty metal and plastic containers.

The following listed activities are conducted at the site:

- Section 5.3 Part A (1)(a)(ii) - Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.
- Section 5.3 Part A (1)(a)(iii) - Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving blending or mixing.
- Section 5.3 Part A (1)(a)(iv) - Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging.

- Section 5.6 Part A(1)(a) - Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.

A Waste Operation enables non-hazardous waste storage, blending or mixing and repackaging for recovery or disposal.

The Wednesbury Waste Management Resource Centre is located on Potters Lane, Wednesbury in the West Midlands, National Grid Reference SO 98550 94560. The site covers an area of approximately 13,000 $m^2$. The immediate land use surrounding the site comprises of predominantly commercial/industrial units with a disused railway line to the Eastern boundary and the West Midlands Metro's Birmingham to Wolverhampton tram route running nearby to the Southern boundary. The nearest residential properties are approximately 230 metres to the north of the site. There are no designated habitats within screening distance of the facility. The nearest surface water feature is the River Tame which lies approximately 400 metres to the south of the site.

The site has several emission points to air from the processes. A combined activated carbon filter and chemical scrubber abatement system (A1) serving the storage and treatment tanks, a single stage chemical scrubber (A2) serving the ammonia stripping process, a carbon filter pack (A3) serving the VOC stripping and redox process, dust extraction system (A4) serving the consolidation unit, a medium combustion plant (MCP) (A5), nitrous oxide destruction unit (A6) and local exhaust ventilation (LEV) serving the solvent shed (A7). There are no direct discharges to surface water or land from the site. There is a sewer discharge (S1) for separately collected uncontaminated surface water and contaminated process effluent, authorised by way of a trade effluent discharge consent issued by Severn Trent Water.

Biffa operates to an Environmental Management System (EMS), to comply with the combined requirements of ISO9001, ISO14001 and ISO45001.

The schedules specify the changes made to the permit.

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

| **Status log of permit A: EPR/XP3631SE** | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Application XP3631SE | Duly made 15/08/2005 | Reference: EPR/XP3631SE/A001 |
| Response to request for further information in relation to the waste types that will be treated or stored within each identified treatment process or storage area | Request dated 07/02/2006 | Response dated 26/05/06 |
| Request to extend determination | Request dated 08/05/2006 | Request accepted 11/05/06 |
| Additional information received | Letter received 29/06/2006 | Further information received in relation to Schedule 3 of the draft permit for the justification for inclusion of specified waste types (six figure waste codes ending in "99") in Tables S3.2 to S3.12 and some additional waste types in Tables S3.3, S3.11 and S3.12. |
| Permit determined | 30/06/2006 | Reference: EPR/XP3631SE |
| Variation application EPR/XP3631SE/V002 | 11/05/2011 | Request to reduce annual tonnage, add waste types and reduce discharge rate to sewer. |
| Variation determined EPR/XP3631SE/V003 | 19/08/2011 | -- |
| Agency initiated variation EPR/XP3631SE/V003 | 15/10/2011 | Amend an error from previous variation |

| Status log of permit A: EPR/XP3631SE | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Variation determined EPR/XP3631SE | 12/10/2011 | Varied permit issued. |
| Agency variation determined EPR/XP3631SE/V004 | 10/12/2013 | Agency variation to implement the changes introduced by IED |
| Permit Review - Regulation 61 Notice sent to Operator | 15/11/2021 | Regulation 61 Notice requiring information for statutory review of permit. |
| Permit Review - Regulation 61 Notice response | 25/02/2022 | Response received from the operator. |
| Permit Review - Application (variation and consolidation) EPR/XP3631SE/C005 | Environment Agency Initiated Variation | Statutory review of permit occasioned by:<br>• Waste Treatment BAT Conclusions published on 17 August 2018.<br>• Chemical waste: appropriate measures for permitted facilities published 18 November 2020.<br>• Healthcare waste: appropriate measures for permitted facilities published 13 July 2020.<br>• Non-hazardous and inert waste: appropriate measures for permitted facilities published 12 July 2021.<br>• Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities published 13 July 2022.<br>• Waste temperature exchange equipment (WTEE): appropriate measures for permitted facilities published 13 July 2022.<br>• Medium Combustion Plant Directive for 2025 (and 2030). |
| Additional information received in response to the Request for Further Information (RFI) dated 28/10/2024 | 08/11/2024 | Response received from the operator with information including:<br>• Compliance with Waste electrical and electronic equipment (WEEE) appropriate measures. |
| Additional information received in response to the Request for Further Information (RFI) dated 24/02/2025 | 19/03/2025 | Response received from the operator with information including:<br>• Abatement for washing of containers containing volatile residues.<br>• Abatement for repackaging of volatile materials.<br>• Waste treatment and storage tonnages.<br>• Point source emissions to air and bulk storage.<br>• Leak detection and repair (LDAR) programme.<br>• Separation of wastewater streams.<br>• Emission monitoring and limits appropriate measures.<br>• Treatment of hazardous waste together with non-hazardous waste.<br>• Hazardous waste releases.<br>• Details of historic odour complaints and historic fire related incidents.<br>• Updated site infrastructure plan. |
| Additional information received in response to the Request for | 15/04/2025 | Response received from the operator with information including: |

| Status log of permit A: EPR/XP3631SE | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Further Information (RFI) dated 01/04/2025 | | • Point source emissions to air and bulk storage.<br>• Shredder Unit.<br>• Waste types.<br>• Further clarification on treatment of hazardous waste together with non-hazardous waste.<br>• Revised waste codes tables.<br>• Updated site plan. |
| Application EPR/XP3631SE/V006 | Duly made 23/05/2025 | Application to add a nitrous oxide treatment plant with associated storage. |
| Additional Information EPR/XP3631SE/C005 | 05/06/2025 | Information received from the operator including:<br>• Proposed alternative measures for asbestos waste handling procedures. |
| Additional Information EPR/XP3631SE/C005 | 25/06/2025 | Information received from the operator including:<br>• Changes to waste tables.<br>• Compliance with the Healthcare waste appropriate measures for the acceptance of cytotoxic and cytostatic medicines (EWC 18 01 08* 18 02 07* and 20 01 31*).<br>• Washing of vehicles associated with the facility and waste deliveries. |
| Variation determined<br>EPR/XP3631SE/V006 | 20/11/2025 | Variation to add a nitrous oxide treatment plant with associated storage has been issued. |
| Additional Information EPR/XP3631SE/C005 | 14/08/2026 | Information received from the operator including:<br>• Blending or mixing of hazardous waste (including associated waste tables for recovery and disposal). |
| Additional Information EPR/XP3631SE/C005 | 28/08/2026 | Information received from the operator including:<br>• Total quantity of non-hazardous wastes accepted at the site per year in aggregate. |
| Environment Agency Waste Treatment Sector Review<br>Permit reviewed<br>Variation determined and consolidation issued.<br>EPR/XP3631SE/C005 | 07/09/2026 | Varied and consolidated permit issued. |

| Status log of permit B: EPR/TP3696FN | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Application for Licence to Dispose of Waste.<br>Number SL528 | July 1987 | Licence to Dispose of Waste issued to Winfield Treatment Services Limited under the Control of Pollution Act 1974 by Sandwell Metropolitan Borough Council. |
| Notice of Modification of Licence to Dispose of Waste.<br>Number SL528 | November 1991 | Licence to Dispose of Waste transferred to Biffa Environmental Technology Limited. |
| Notice of Modification of Licence to Dispose of Waste. | March 1994 | Modification of licence conditions. |

| Status log of permit B: EPR/TP3696FN | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Number SL528 | | |
| Notice of Modification of Licence to Dispose of Waste.<br>Number SL528 | May 1994 | Modification of licence conditions to become a Waste Management Licence. |
| Notice of Modification of Waste Management Licence.<br>Number SL528 | September 1994 | Waste Management Licence assigned to Biffa Waste Services Limited. |
| Notice of Modification of Waste Management Licence.<br>Number SL528 | October 1994 | Modification of licence conditions. |
| Notice of Modification of Waste Management Licence.<br>Number SL528 | February 1996 | Modification of licence conditions. |
| Notice of Modification of Waste Management Licence.<br>Number SL528 | September 1996 | Modification of licence conditions as regulatory authority transfers from Sandwell Metropolitan Borough Council to Environment Agency under the Environmental Protection Act 1990. |
| Notice of Modification of Waste Management Licence.<br>Number SL528 | April 1998 | Modification of licence conditions. |
| Notice of Modification of Waste Management Licence.<br>Number SL528 | July 2002 | Modification of licence conditions. |
| Permit Review - Regulation 61 Notice sent to operator | 15/11/2021 | Regulation 61 Notice requiring information for statutory review of permit. |
| Permit Review - Regulation 61 Notice response | 25/02/2022 | Response received from the operator. |
| Permit Review - Application (variation and consolidation) EPR/XP3631SE/C005 | Environment Agency Initiated Variation | Statutory review of permit occasioned by:<br>• Waste Treatment BAT Conclusions published on 17 August 2018.<br>• Chemical waste: appropriate measures for permitted facilities published 18 November 2020.<br>• Healthcare waste: appropriate measures for permitted facilities published 13 July 2020.<br>• Non-hazardous and inert waste: appropriate measures for permitted facilities published 12 July 2021.<br>• Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities published 13 July 2022.<br>• Waste temperature exchange equipment (WTEE): appropriate measures for permitted facilities published 13 July 2022.<br>• Medium Combustion Plant Directive for 2025 (and 2030). |
| Additional information received in response to the Request for Further Information (RFI) dated 28/10/2024 | 08/11/2024 | Response received from the operator with information including:<br>• Compliance with Waste electrical and electronic equipment (WEEE) appropriate measures. |

| Status log of permit B: EPR/TP3696FN | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Additional information received in response to the Request for Further Information (RFI) dated 24/02/2025 | 19/03/2025 | Response received from the operator with information including:<br>• Abatement for washing of containers containing volatile residues.<br>• Abatement for repackaging of volatile materials.<br>• Waste treatment and storage tonnages.<br>• Point source emissions to air and bulk storage.<br>• Leak detection and repair (LDAR) programme.<br>• Separation of wastewater streams.<br>• Emission monitoring and limits appropriate measures.<br>• Treatment of hazardous waste together with non-hazardous waste.<br>• Hazardous waste releases.<br>• Details of historic odour complaints and historic fire related incidents.<br>• Updated site infrastructure plan. |
| Additional information received in response to the Request for Further Information (RFI) dated 01/04/2025 | 15/04/2025 | Response received from the operator with information including:<br>• Point source emissions to air and bulk storage.<br>• Shredder Unit.<br>• Waste types.<br>• Further clarification on treatment of hazardous waste together with non-hazardous waste.<br>• Revised waste codes tables.<br>• Updated site plan. |
| Additional Information EPR/XP3631SE/C005 | 05/06/2025 | Information received from the operator including:<br>• Proposed alternative measures for asbestos waste handling procedures. |
| Additional Information EPR/XP3631SE/C005 | 25/06/2025 | Information received from the operator including:<br>• Changes to waste tables.<br>• Compliance with the Healthcare waste appropriate measures for the acceptance of cytotoxic and cytostatic medicines (EWC 18 01 08* 18 02 07* and 20 01 31*).<br>• Washing of vehicles associated with the facility and waste deliveries. |
| Variation determined<br>EPR/XP3631SE/V006 | 20/11/2025 | Variation to add a nitrous oxide treatment plant with associated storage has been issued. |
| Additional Information EPR/XP3631SE/C005 | 14/08/2026 | Information received from the operator including:<br>• Blending or mixing of hazardous waste (including associated waste tables for recovery and disposal). |
| Additional Information EPR/XP3631SE/C005 | 28/08/2026 | Information received from the operator including:<br>• Total quantity of non-hazardous wastes accepted at the site per year in aggregate. |
| Environment Agency Waste Treatment Sector Review | 07/09/2026 | Varied and consolidated permit issued. |

| Status log of permit B: EPR/TP3696FN | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Permit reviewed<br>Variation determined and consolidation issued.<br>EPR/XP3631SE/C005 | | EPR/TP3696FN (EAWML41706) has been fully consolidated into EPR/XP3631SE and ceases to exist. |

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 regulations 18 and 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies and consolidates

### Permit numbers

**EPR/XP3631SE**

**EPR/TP3696FN**

### Issued to

**Biffa Waste Services Limited** ("the operator")

whose registered office is

**Coronation Road**

**Cressex**

**High Wycombe**

**Buckinghamshire**

**HP12 3TZ**

company registration number **00946107**

to operate regulated facilities at

**Wednesbury Waste Management Resource Centre**

**Potters Lane**

**Wednesbury**

**West Midlands**

**WS10 7NR**

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

The number of the consolidated permit is **EPR/XP3631SE**.

The notice shall take effect from 07/09/2026.

| Name | Date |
|---|---|
| **Hannah Finney** | **07/09/2026** |

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/XP3631SE**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/XP3631SE/C005 authorising,

**Biffa Waste Services Limited** ("the operator"),

whose registered office is

**Coronation Road**

**Cressex**

**High Wycombe**

**Buckinghamshire**

**HP12 3TZ**

company registration number **00946107**

to operate an installation and waste operations at

**Wednesbury Waste Management Resource Centre**

**Potters Lane**

**Wednesbury**

**West Midlands**

**WS10 7NR**

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

| Name | Date |
|---|---|
| **Hannah Finney** | **07/09/2026** |

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.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 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.

1.1.4 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 AR21) the operator shall:

(a) take appropriate measures to ensure that 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.

### 1.3 Efficient use of raw materials

1.3.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR21) 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.

# 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 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

## 2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

## 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 or other documentation ("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 tables S2.2, to S2.8; and

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

2.3.5 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.

2.3.6 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.

2.3.7 For the following activities referenced in schedule 1 table S1.1, AR17:

(a) the operator must keep periods of start-up and shut down of the combustion plant as short as possible.

(b) there shall be no persistent emission of 'dark smoke' as defined in section 3(1) of the Clean Air Act 1993.

## 2.4 Hazardous waste storage and treatment

2.4.1 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.

## 2.5 Improvement programme

2.5.1 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.

2.5.2 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.

## 2.6 Pre-operational conditions

2.6.1 The operations specified in schedule 1 table S1.4 shall not commence until the measures specified in that table have been completed.

# 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 and S3.2.

3.1.2 The limits given in schedule 3 shall not be exceeded.

3.1.3 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.

## 3.2 Emissions of substances not controlled by emission limits

3.2.1 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.

3.2.2 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.

3.2.3 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 Odour

3.3.1 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.

3.3.2 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.

## 3.4 Noise and vibration

3.4.1 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.

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 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.

## 3.5 Monitoring

3.5.1 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 and S3.2;

(b) process monitoring specified in table S3.3;

(c) ambient air monitoring specified in table S3.4;

3.5.2 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.

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.5.4 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 and S3.2 unless otherwise agreed in writing by the Environment Agency.

3.5.5 For the following activities referenced in Schedule 1 Table S1.1, AR17:

(d) For existing MCP Monitoring measurements shall be carried out before the relevant compliance date or within four months of the issue date of the permit whichever is the later.

3.5.6 Monitoring of MCP shall not take place during periods of start-up or shut down.

## 3.6 Pests

3.6.1 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.

3.6.2 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.

## 3.7 Fire prevention

3.7.1 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.

3.7.2 The operator shall:

(c) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;

(d) implement the fire prevention plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

# 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 AR21) 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. 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) a record of the type and quantity of fuel used and the total annual operating hours for each MCP;

(d) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

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:

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

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

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.

## 4.4 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 and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| AR1 | Section 5.3 Part A (1)(a)(ii)<br>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment. | Treatment of hazardous waste by pH adjustment.<br>D9: Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12. | From treatment of waste by pre-mixing and pH adjustment to storage of treated effluent prior to further treatment in the effluent treatment plant or discharge to sewer.<br>No more than 400 tonnes per day of waste shall be treated.<br>Treatment shall take place in enclosed tanks 2, 3 and 4 shown on the plan in Schedule 7 using abatement on an impermeable surface with sealed drainage.<br>The following wastes shall not be blended or mixed:<br>• wastes for recovery with wastes that would result in the waste being sent for disposal or a lower form of recovery.<br>• liquid wastes with other wastes for the purpose of landfilling.<br>• oils where this could negatively affect their regeneration or recycling.<br>• wastes containing Persistent Organic Pollutants (POPs) being mixed solely to generate a mixture below the defined low POPs content.<br>• waste to deliberately dilute it.<br>Treated solids shall be stored prior to transfer off-site in covered containers on an impermeable surface with sealed drainage for no longer than 6 months.<br>Treated effluent shall be stored prior to further treatment in the effluent treatment plant or discharge to sewer on an impermeable surface with sealed drainage for no longer than 6 months.<br>No waste types shall be submitted to this activity other than those wastes specified in schedule 2, table S2.2. |
| AR2 | Section 5.3 Part A (1)(a)(ii)<br>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment. | Treatment of hazardous waste containers.<br>R3: Recycling/reclamation of organic substances which are not used as solvents.<br>R4: Recycling/reclamation of metals and metal compounds. | Washing of metal and plastic containers arising from hazardous waste storage, repackaging and treatment operations.<br>No more than 50 tonnes per day of waste shall be treated.<br>Containers shall be nominally empty of their waste contents prior to washing. |

| Table S1.1 Activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| | | | The washing of containers shall not result in:<br>• a reaction of the washed-out wastes with the washing fluid.<br>• a reaction of the washed-out wastes with each other.<br>• a reaction with the container or vessel into which the washings are being drained.<br>Washing of containers containing volatile residues shall take place within an enclosed bunded cabinet/booth with local exhaust ventilation (LEV) abatement in the designated washing area with an impermeable surface and a sealed drainage system. Washing of other hazardous waste (non-volatile) containers shall take place with an impermeable surface and a sealed drainage system.<br>Treated waste shall be stored prior to transfer off-site and waste waters treated and stored in the effluent treatment plant on an impermeable surface with sealed drainage for no longer than 6 months. |
| AR3 | Section 5.3 Part A (1)(a)(ii)<br>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment. | Treatment of hazardous waste containers and canisters.<br>D9: Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12. | From treatment of metal containers and canisters containing nitrous oxide by puncturing, vacuum extraction and catalytic destruction of gases to storage of treated containers.<br>No more than 2 tonnes per day of waste shall be treated.<br>Treatment shall take place in the Nitrous Oxide Destruction Unit shown on the plan in Schedule 7 using abatement on an impermeable surface with sealed drainage.<br>Treated waste shall be stored prior to transfer off-site on an impermeable surface with sealed drainage for no longer than 6 months.<br>No waste types shall be submitted to this activity other than those wastes specified in schedule 2, table S2.3. |
| AR4 | Section 5.3 Part A (1)(a)(ii)<br>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving | Treatment of hazardous waste by oxidation reduction (redox).<br>D9: Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any | From treatment of waste by pre-mixing and oxidation reduction to storage of treated waste prior to further treatment in Activity AR1.<br>Treatment of hazardous waste involving redox, subject to agreement under pre-operational measure reference number POFD1. |

| Table S1.1 Activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| | physico-chemical treatment. | of the operations numbered D1 to D12. | No more than 275 tonnes per day of waste shall be treated in aggregate involving redox.<br>Treatment shall take place in enclosed tanks 12, 30, 31 and 32 shown on the plan in Schedule 7 using abatement on an impermeable surface with sealed drainage.<br>The following wastes shall not be blended or mixed:<br>• wastes for recovery with wastes that would result in the waste being sent for disposal or a lower form of recovery.<br>• liquid wastes with other wastes for the purpose of landfilling.<br>• oils where this could negatively affect their regeneration or recycling.<br>• wastes containing Persistent Organic Pollutants (POPs) being mixed solely to generate a mixture below the defined low POPs content.<br>• waste to deliberately dilute it.<br>Treated solids shall be stored prior to transfer off-site in covered containers on an impermeable surface with sealed drainage for no longer than 6 months.<br>Treated waste shall be stored prior to further treatment in Activity AR1 on an impermeable surface with sealed drainage for no longer than 6 months.<br>No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.2 or wastes subject to agreement under pre-operational measure reference number POFD1. |
| AR5 | Section 5.3 Part A (1)(a)(ii)<br>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment. | Treatment of hazardous waste by gravity settlement.<br>R3: Recycling/reclamation of organic substances which are not used as solvents. | From treatment of oily waste by pre-mixing and gravity settlement to storage of waste oils prior to transfer off-site for recovery, and storage of effluent prior to further treatment in the effluent treatment plant or discharge to sewer.<br>Treatment of hazardous waste involving gravity settlement, subject to agreement under pre-operational measure reference number POFD1.<br>No more than 400 tonnes per day of waste shall be treated. |

| Table S1.1 Activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| | | | Treatment shall take place in tank 15 shown on the plan in Schedule 7 using abatement on an impermeable surface with sealed drainage.<br>The following wastes shall not be blended or mixed:<br>• wastes for recovery with wastes that would result in the waste being sent for disposal or a lower form of recovery.<br>• liquid wastes with other wastes for the purpose of landfilling.<br>• oils where this could negatively affect their regeneration or recycling.<br>• wastes containing Persistent Organic Pollutants (POPs) being mixed solely to generate a mixture below the defined low POPs content.<br>• waste to deliberately dilute it.<br>Treated waste oils shall be stored prior to transfer off-site in tanks on an impermeable surface with sealed drainage for no longer than 6 months.<br>Treated effluent shall be stored prior to further treatment in the effluent treatment plant or discharge to sewer on an impermeable surface with sealed drainage for no longer than 6 months.<br>No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.4 or wastes subject to agreement under pre-operational measure reference number POFD1. |
| AR6 | Section 5.3 Part A (1)(a)(ii)<br>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment. | Treatment of hazardous waste by VOC stripping.<br>D9: Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12. | From treatment of waste by pre-mixing and VOC stripping to storage of treated waste prior to further treatment in Activity AR1.<br>Treatment of hazardous waste involving VOC stripping, subject to agreement under pre-operational measure reference number POFD1.<br>No more than 65 tonnes per day of waste shall be treated.<br>Treatment shall take place in tank 36 and VOC stripper towers 1 to 4 shown on the plan in Schedule 7 using abatement on an impermeable surface with sealed drainage.<br>The following wastes shall not be blended or mixed: |

| Table S1.1 Activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| | | | • wastes for recovery with wastes that would result in the waste being sent for disposal or a lower form of recovery.<br>• liquid wastes with other wastes for the purpose of landfilling.<br>• oils where this could negatively affect their regeneration or recycling.<br>• wastes containing Persistent Organic Pollutants (POPs) being mixed solely to generate a mixture below the defined low POPs content.<br>• waste to deliberately dilute it.<br>Treated solids shall be stored prior to transfer off-site in covered containers on an impermeable surface with sealed drainage for no longer than 6 months.<br>Treated effluent shall be stored prior to further treatment in Activity AR1 on an impermeable surface with sealed drainage for no longer than 6 months.<br>No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.2 or wastes subject to agreement under pre-operational measure reference number POFD1. |
| AR7 | Section 5.3 Part A (1)(a)(ii)<br>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment. | Treatment of hazardous waste by ammonia stripping.<br>D9: Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12. | From treatment of waste by pre-mixing and ammonia stripping to storage of treated waste prior to further treatment in Activity AR1.<br>Treatment of hazardous waste involving ammonia stripping, subject to agreement under pre-operational measure reference number POFD1.<br>No more than 65 tonnes per day of waste shall be treated.<br>Treatment shall take place in tanks 5, 45 and Ammonia stripper tower 5 shown on the plan in Schedule 7 using abatement on an impermeable surface with sealed drainage.<br>The following wastes shall not be blended or mixed:<br>• wastes for recovery with wastes that would result in the waste being sent for disposal or a lower form of recovery.<br>• liquid wastes with other wastes for the purpose of landfilling. |

| Table S1.1 Activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| | | | • oils where this could negatively affect their regeneration or recycling.<br>• wastes containing Persistent Organic Pollutants (POPs) being mixed solely to generate a mixture below the defined low POPs content.<br>• waste to deliberately dilute it.<br>Treated solids shall be stored prior to transfer off-site in covered containers on an impermeable surface with sealed drainage for no longer than 6 months.<br>Treated effluent shall be stored prior to further treatment in Activity AR1 on an impermeable surface with sealed drainage for no longer than 6 months.<br>No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.2 or wastes subject to agreement under pre-operational measure reference number POFD1. |
| AR8 | Section 5.3 Part A (1)(a)(iii)<br>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving blending or mixing. | Blending or mixing of hazardous waste.<br>R12: Exchange of waste for submission to any of the operations numbered R1 to R11 (blending or mixing). | From receipt of hazardous waste to blending or mixing of waste for recovery.<br>No more than 30 tonnes per day of waste shall be treated.<br>Blending or mixing is limited to:<br>• wastes of the same general type having similar characteristics<br>• wastes that have been checked or tested for compatibility, that is wastes that will not react together or give rise to evolution of gas<br>The following wastes shall not be blended or mixed:<br>• wastes for recovery with wastes that would result in the waste being sent for disposal or a lower form of recovery<br>• liquid wastes with other wastes for the purpose of landfilling<br>• oils where this could negatively affect their regeneration or recycling<br>• wastes containing Persistent Organic Pollutants (POPs) being mixed solely to generate a mixture below the defined low POPs content<br>• waste to deliberately dilute it |

| Table S1.1 Activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| | | | Non-Hazardous waste shall not be blended or mixed with hazardous waste or non-waste.<br>Blending or mixing shall take place on impermeable surfacing with sealed drainage.<br>Mixed or blended waste, and emptied containers shall be stored securely on site on an impermeable surface with sealed drainage.<br>Blending or mixing of waste shall not change either the maximum storage times for waste on site or the amount of waste 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 S2.5. |
| AR9 | Section 5.3 Part A (1)(a)(iii)<br>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving blending or mixing. | Blending or mixing of hazardous waste.<br>D13: Blending or mixing prior to submission to any of the operations numbered D1 to D12. | From receipt of hazardous waste to blending or mixing of waste for disposal.<br>No more than 30 tonnes per day of waste shall be treated.<br>Blending or mixing is limited to:<br>• wastes of the same general type having similar characteristics<br>• wastes that have been checked or tested for compatibility, that is wastes that will not react together or give rise to evolution of gas<br>The following wastes shall not be blended or mixed:<br>• wastes for recovery with wastes that would result in the waste being sent for disposal or a lower form of recovery<br>• liquid wastes with other wastes for the purpose of landfilling<br>• oils where this could negatively affect their regeneration or recycling<br>• wastes containing Persistent Organic Pollutants (POPs) being mixed solely to generate a mixture below the defined low POPs content<br>• waste to deliberately dilute it<br>Non-Hazardous waste shall not be blended or mixed with hazardous waste or non-waste. |

| Table S1.1 Activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| | | | Blending or mixing shall take place on impermeable surfacing with sealed drainage.<br>Mixed or blended waste, and emptied containers shall be stored securely on site on an impermeable surface with sealed drainage.<br>Blending or mixing of waste shall not change either the maximum storage times for waste on site or the amount of waste 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 S2.6. |
| AR10 | Section 5.3 Part A (1)(a)(iv)<br>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging. | 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. | From receipt of hazardous waste to repackaging of waste.<br>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 (other than 18 01 06* and 18 02 05* chemicals consisting of or containing hazardous substances) and asbestos waste shall not be transferred, removed or separated from its original packaging.<br>Wastes that are combined together during repackaging activities shall be materially the same and not change the wastes chemical composition or characteristics.<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>Repackaging of volatile materials shall take place within an enclosed bunded building with local exhaust ventilation |

| Table S1.1 Activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| | | | (LEV) abatement. Repackaging of non-volatile materials shall take place in a dedicated area on impermeable surfacing with sealed drainage.<br>No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.7. |
| AR11 | Section 5.6 Part A(1)(a)<br>Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes. | Temporary storage of 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 waste on site to its treatment, blending/mixing or repackaging on site; or its transfer off-site.<br>The amount of hazardous waste stored on site at any one time shall not exceed 2533 tonnes.<br>Wastes shall be stored in tanks, buildings or bays as shown at the locations identified on site plan in Schedule 7. All waste shall be stored on impermeable surfacing with sealed drainage.<br>Asbestos waste shall be stored double bagged or wrapped, in sealed, closed and locked containers. Asbestos waste shall not be stored loose in bays and shall not be transferred between different skips or containers. Mechanical equipment, for example loading shovels, chutes and conveyors shall not be used to move asbestos waste.<br>Aerosol canisters shall be securely stored under cover in well-ventilated containers, and/or within a caged storage area. Up to 18 tonnes of aerosol containers shall only be stored for up to 3 months.<br>Oxidisers shall be securely stored under cover in a bunded room to minimise fire risk. Up to 20 tonnes of oxidisers shall only be stored for up to 3 months.<br>Lamps shall be stored in rigid lidded, leakproof and weatherproof containers. CRT equipment shall be stored in cages, bulk bags or securely on pallets to prevent breakage. All flat panel display equipment shall be stored in cages, stillages or securely on pallets. Flat panel display equipment which may contain cold cathode fluorescent backlights shall be stored under weatherproof covering.<br>WTEE must be stored on level ground and on an impermeable surface |

| Table S1.1 Activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| | | | provided with sealed drainage. Storage of WTEE shall not exceed a maximum storage height of 3.6 metres. Storage capacity of WTEE shall not exceed 10 tonnes at any one time. WTEE shall not be stored for more than 3 months without prior written approval from the Environment Agency.<br>There shall be no treatment of batteries, other than sorting and separating from other wastes, and repackaging for third party processing.<br>All batteries shall be stored in either appropriate weatherproof containers, or in appropriate containers within a building on an impermeable surface with a sealed drainage system.<br>Lead acid batteries shall be stored upright with terminals taped off or capped, in acid proof containers to prevent leaks and short circuits.<br>Nickel metal hydride (Ni-MH) batteries shall be stored in a way that will prevent them being damaged.<br>Li-ion batteries from electric vehicles shall be stored separately from other batteries. Li-ion batteries shall be stored to prevent them from:<br>• coming into contact with any liquids<br>• being damaged or shorting<br>• being exposed to high temperatures<br>Batteries shall be stored on site for no longer than 6 months.<br>Pharmaceutical waste shall be stored securely within designated areas of a building.<br>All other hazardous waste storage pending treatment or transfer shall not exceed 6 months, without prior written approval from the Environment Agency.<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, tables S2.2 to S2.7. |

| Table S1.1 Activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| **Directly Associated Activity** | | | |
| AR12 | Storage of non-hazardous waste. | Storage of non-hazardous waste pending use as a process aid.<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 non-hazardous waste on site to its use in activity reference AR1 as a process aid only. Waste shall not be otherwise blended or mixed, repackaged or transferred off-site.<br>The amount of non-hazardous waste stored on site at any one time shall not exceed 2908 tonnes.<br>Wastes shall be stored in tanks, buildings or bays as shown at the locations identified on site plan in Schedule 7. All waste shall be stored on impermeable surfacing with sealed drainage.<br>All wastes shall be stored on site for no longer than 6 months.<br>No waste types shall be submitted to this activity other than those non-hazardous wastes specified in schedule 2, table S2.2. |
| AR13 | Raw material handling and storage. | Storage of raw materials including acid, sodium hydroxide, lime, hydrogen peroxide and sodium hypochlorite. | From receipt and storage to point of use.<br>Storage of raw materials is limited to:<br>• storage of acid shall not exceed 310$m^3$ at any one time.<br>• storage of sodium hydroxide shall not exceed 50$m^3$ at any one time.<br>• storage of lime shall not exceed 45$m^3$ at any one time.<br>• storage of hydrogen peroxide shall not exceed 53.5$m^3$ at any one time.<br>• storage of sodium hypochlorite shall not exceed 10$m^3$ at any one time. |
| AR14 | Contaminated process water collection, storage and treatment. | Collection, storage and treatment of effluent.<br>D9: Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12. | From the collection and storage of contaminated water arising from onsite treatment operations to its treatment and storage prior to discharge to sewer.<br>Treatment shall take place in tank 30 shown on the plan in Schedule 7 using abatement on an impermeable surface with sealed drainage.<br>The Effluent Treatment Plant will be limited to:<br>• treatment by pH adjustment and filter press. |

| Table S1.1 Activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| | | | • maximum of 145,600 tonnes of effluent wastes treated per annum.<br>• the amount of effluent waste stored on site at any one time shall not exceed 400 tonnes.<br>Treated filter cake shall be stored prior to transfer off-site in the designated filter cake storage area as shown on site plan in schedule 7 on an impermeable surface with sealed drainage for no longer than 6 months.<br>Treated effluent shall be stored in tank 6 as shown on site plan in schedule 7 prior to discharge to sewer on an impermeable surface with sealed drainage for no longer than 6 months. |
| AR15 | Uncontaminated surface water collection and storage. | Collection and storage of uncontaminated site surface water. | From the collection of uncontaminated site surface water and storage prior to use or discharge to sewer. |
| AR16 | Treatment of washed waste containers. | Crushing of treated waste containers.<br>R3: Recycling/reclamation of organic substances which are not used as solvents.<br>R4: Recycling/reclamation of metals and metal compounds. | Crushing of washed metal and plastic containers arising from hazardous waste storage, repackaging and treatment operations.<br>No more than 50 tonnes per day of waste shall be treated.<br>Storage of crushed containers will be within a bulk container, on an impermeable surface with sealed drainage, prior to off-site transfer for no longer than 6 months. |
| AR17 | Steam from operation of a Schedule 25A Medium Combustion Plant. | Diesel fired boiler with a 1.2MW thermal input which is an existing MCP. The boiler provides heat to the ammonia stripping process. | From receipt of fuel (diesel) to release of products of combustion to air. |
| AR18 | Vehicle washing. | Washing of vehicles associated with the facility and waste deliveries. | From the washing of vehicles, collection of contaminated water and storage prior to further treatment onsite or transfer off-site.<br>Washing of vehicles shall take place on an impermeable surface with sealed drainage. |
| AR19 | Abatement system. | Main abatement system consisting of carbon filter and two stage chemical scrubber serving storage and treatment tanks. | From the input of air to the abatement system to emission to air. |
| AR20 | Abatement system. | Single stage chemical scrubber abatement system servicing the ammonia stripping process. | From the input of air to the abatement system to emission to air. |

| Table S1.1 Activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| AR21 | Abatement system. | Activated carbon abatement system serving the VOC stripping and redox process. | From the input of air to the abatement system to emission to air. |
| **Waste Operations** | | | |
| **Activity reference** | **Description of activities for waste operations** | **Limits of activities** | |
| AR22 | Treatment of non-hazardous waste by washing and crushing.<br>D9: Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12. | From receipt of non-hazardous waste to washing and crushing of waste in the de-packing system to storage of treated waste.<br>Treatment shall take place in the Runi building using a screw compactor.<br>Treatment via the de-packing system limited to:<br>• crushing and washing treatment only.<br>• crushing and washing of containers shall be limited to 10 tonnes per day.<br>• no more than 50 tonnes per day of non-hazardous waste shall be treated for disposal onsite in aggregate with other waste operations.<br>Treated waste shall be stored prior to transfer off-site and waste waters treated and stored in the effluent treatment plant on an impermeable surface with sealed drainage for no longer than 6 months.<br>No waste types shall be submitted to this activity other than those non-hazardous wastes specified in schedule 2, table S2.8. | |
| AR23 | Treatment of non-hazardous waste containers.<br>R3: Recycling/reclamation of organic substances which are not used as solvents.<br>R4: Recycling/reclamation of metals and metal compounds. | Washing and crushing of metal and plastic containers arising from non-hazardous waste storage, repackaging and treatment operations.<br>No more than 50 tonnes per day of waste shall be treated.<br>Containers shall be nominally empty of their waste contents prior to washing or crushing.<br>The washing of containers shall not result in:<br>• a reaction of the washed-out wastes with the washing fluid.<br>• a reaction of the washed-out wastes with each other.<br>• a reaction with the container or vessel into which the washings are being drained.<br>• a release of volatile organic compounds.<br>Washing and crushing of empty non-hazardous waste containers shall take place on an impermeable surface with sealed drainage.<br>Storage of crushed containers will be within a bulk container, on an impermeable surface with sealed drainage, prior to off-site transfer for no longer than 6 months. | |
| AR24 | Blending or mixing of non-hazardous waste.<br>R12: Exchange of waste for submission to any of the | From receipt of non-hazardous waste to blending or mixing of waste.<br>Blending or mixing is limited to:<br>• wastes of the same general type having similar characteristics | |

| Table S1.1 Activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| | operations numbered R1 to R11 (blending or mixing).<br>D13: Blending or mixing prior to submission to any of the operations numbered D1 to D12. | | • wastes that have been checked or tested for compatibility, that is wastes that will not react together or give rise to evolution of gas<br>The following wastes shall not be blended or mixed:<br>• wastes for recovery with wastes that would result in the waste being sent for disposal or a lower form of recovery.<br>• liquid wastes with other wastes for the purpose of landfilling.<br>• oils where this could negatively affect their regeneration or recycling.<br>• wastes containing Persistent Organic Pollutants (POPs) being mixed solely to generate a mixture below the defined low POPs content.<br>• waste to deliberately dilute it.<br>Non-Hazardous waste shall not be blended or mixed with hazardous waste or non-waste.<br>Blending or mixing shall take place on impermeable surfacing with sealed drainage.<br>Mixed or blended waste, and emptied containers shall be stored securely on site on an impermeable surface with sealed drainage.<br>Blending or mixing of waste shall not change either the maximum storage times for waste on site or the amount of waste that can be stored at any one time.<br>No more than 50 tonnes per day of non-hazardous waste shall be treated for disposal onsite in aggregate with other waste operations.<br>No waste types shall be submitted to this activity other than those non-hazardous wastes specified in schedule 2, table S2.8. |
| AR25 | 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. | | From receipt of non-hazardous waste to repackaging of waste.<br>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>Wastes that are combined together during repackaging activities shall be materially the same and not change the wastes chemical composition or characteristics. |

| Table S1.1 Activities | | | |
|---|---|---|---|
| **Activity reference** | **Activity listed in Schedule 1 of the EP Regulations** | **Description of specified activity and WFD Annex I and II operations** | **Limits of specified activity and waste types** |
| | | 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>Repackaging shall take place in a dedicated area on impermeable surfacing with sealed drainage.<br>No waste types shall be submitted to this activity other than those non-hazardous wastes specified in schedule 2, table S2.8. | |
| AR26 | Storage of 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 non-hazardous waste on site to its treatment, blending/mixing or repackaging on site; or its transfer off-site.<br>The amount of non-hazardous waste stored on site at any one time shall not exceed 2908 tonnes.<br>Wastes shall be stored in tanks, buildings or bays as shown at the locations identified on site plan in Schedule 7. All waste shall be stored on impermeable surfacing with sealed drainage.<br>There shall be no treatment of batteries, other than sorting and separating from other wastes, and repackaging for third party processing. All batteries shall be stored in either appropriate weatherproof containers, or in appropriate containers within a building on an impermeable surface with a sealed drainage system.<br>Pharmaceutical waste shall be stored securely within designated areas of a building.<br>Non-hazardous waste storage pending treatment or transfer shall not exceed 6 months, without prior written approval from the Environment Agency.<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 non-hazardous wastes specified in schedule 2, table S2.8. | |

| Table S1.2 Operating techniques | | |
|---|---|---|
| **Description** | **Parts** | **Date Received** |
| Response to Regulation 61 Notice dated 15/11/2021 | • Regulation 61 Notice response.<br>• Integrated Management System (index).<br>• ISO14001 Certification.<br>• Emergency & Incident Response Plan.<br>• Fire Risk Assessment.<br>• Dangerous Substances and Explosive Atmospheres Regulations (DSEAR) assessment.<br>• Standard operating procedures for pre-acceptance of containerised waste (SOP 01), waste acceptance (SOP 02), storage of containerised waste (SOP 03), waste rejection (SOP 04), bulking of waste in transfer | 25/02/2022 |

| Table S1.2 Operating techniques | | |
|---|---|---|
| **Description** | **Parts** | **Date Received** |
| | station (SOP 05), Laboratory Smalls Packing Procedure (SOP 06).<br>• Trade Effluent Discharge Consent.<br>• Climate Change Risk Assessment.<br>• Site Drainage Plan. | |
| Chemical waste: appropriate measures for permitted facilities<br>Version published 18 November 2020 | All parts of the appropriate measures guidance shall apply 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>• those parts for which an alternative measure has been proposed below.<br>The following alternative measures have been agreed:<br>• Section 2.4.3 and 2.4.7 of the accident prevention measures.<br>• Sections 3.1.19, 3.2.34, 3.2.40 and 3.2.41 of the waste acceptance measures.<br>• Section 4.11 and 4.31 of the waste storage, segregation and handling measures. | N/A |
| Non-hazardous and inert waste: appropriate measures for permitted facilities<br>Version published 12 July 2021 | All parts of the appropriate measures guidance shall apply 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). | N/A |
| Healthcare waste: appropriate measures for permitted facilities<br>Version published 13 July 2020 | All parts of the appropriate measures guidance shall apply 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>• those parts listed below which are not applicable;<br>The following parts of the appropriate measures guidance are not applicable:<br>• Waste treatment appropriate measures.<br>• Emissions monitoring and limits appropriate measures. | N/A |
| Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities<br>Version published 13 July 2022 | All parts of the appropriate measures guidance shall apply 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); | N/A |

| Table S1.2 Operating techniques | | |
|---|---|---|
| **Description** | **Parts** | **Date Received** |
| | • those parts listed below which are not applicable;<br>The following parts of the appropriate measures guidance are not applicable:<br>• Waste treatment appropriate measures.<br>• Emissions monitoring and limits appropriate measures. | |
| Waste temperature exchange equipment (WTEE): appropriate measures for permitted facilities<br>Version published 13 July 2022 | All parts of the appropriate measures guidance shall apply 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>• those parts listed below which are not applicable;<br>The following parts of the appropriate measures guidance are not applicable:<br>• Waste treatment appropriate measures.<br>• Emissions monitoring and limits appropriate measures. | N/A |
| Additional Information EPR/XP3631SE/C005 | Compliance with Waste electrical and electronic equipment (WEEE) appropriate measures. | 08/11/2024 |
| Additional Information EPR/XP3631SE/V006 | • Medclair DU2000 user manual. (Revision A2 – 15/02/2023)<br>• Medclair DU2000 technical brief. (Revision A2 – 15/02/2023) | 19/12/2024 |
| Additional Information EPR/XP3631SE/C005 | • Abatement for washing of containers containing volatile residues.<br>• Abatement for repackaging of volatile materials.<br>• Waste treatment and storage tonnages.<br>• Point source emissions to air and bulk storage.<br>• Leak detection and repair (LDAR) programme.<br>• Separation of wastewater streams.<br>• Emission monitoring and limits appropriate measures.<br>• Treatment of hazardous waste together with non-hazardous waste.<br>• Hazardous waste releases. | 19/03/2025 |
| Additional Information EPR/XP3631SE/C005 | Alternative measures for Section 4.31 of the waste storage, segregation and handling measures.<br>Asbestos waste handling procedures (Reference: SSoW-32SH, Dealing with Asbestos Wastes, V1.0, May 2025). | 05/06/2025 |
| Additional Information EPR/XP3631SE/C005 | Compliance with the Healthcare waste appropriate measures for the acceptance of cytotoxic and cytostatic medicines (EWC 18 01 08* 18 02 07* and 20 01 31*). | 25/06/2025 |
| Additional Information EPR/XP3631SE/C005 | • Blending or mixing of hazardous waste for recovery.<br>• Blending or mixing of hazardous waste for disposal. | 14/08/2026 |

| Table S1.3 Improvement programme requirements | | |
|---|---|---|
| **Reference** | **Requirement** | **Date** |
| IC15<br>Management system | The operator shall review and update their written management system to ensure that they meet the requirements of the Environment Agency's guidance referred to in Table S1.2, Chemical waste: appropriate measures for permitted facilities; Healthcare waste: appropriate measures for permitted facilities; Non-hazardous and inert waste: appropriate measures for permitted facilities; Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities; Waste temperature exchange equipment (WTEE): appropriate measures for permitted facilities.<br>A copy of the updated procedure(s) shall be submitted to the Environment Agency in writing for approval. | 07/03/2027 |
| IC16<br>Waste pre-acceptance and/or acceptance and/or tracking procedures | The operator shall review and update their waste pre-acceptance and/or waste acceptance procedures and/or tracking to ensure that they meet the requirements of the Environment Agency's guidance referred to in Table S1.2, Chemical waste: appropriate measures for permitted facilities; Healthcare waste: appropriate measures for permitted facilities; Non-hazardous and inert waste: appropriate measures for permitted facilities; Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities: Waste temperature exchange equipment (WTEE): appropriate measures for permitted facilities.<br>A copy of the updated procedure(s) shall be submitted to the Environment Agency in writing for approval. | 07/09/2027 |
| IC17<br>Waste storage, segregation and handling procedures | The operator shall review and update their waste storage, segregation and handling procedures to ensure that they meet the requirements of the Environment Agency's guidance referred to in Table S1.2, Chemical waste: appropriate measures for permitted facilities; Healthcare waste: appropriate measures for permitted facilities; Non-hazardous and inert waste: appropriate measures for permitted facilities; Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities; Waste temperature exchange equipment (WTEE): appropriate measures for permitted facilities.<br>A copy of the updated procedure(s) shall be submitted to the Environment Agency in writing for approval. | 07/09/2027 |
| IC18<br>Emissions control procedures | The operator shall review and update their emissions control procedures to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2.<br>A copy of the updated procedure(s) shall be submitted to the Environment Agency in writing for approval. | 07/09/2027 |
| IC19<br>Updated emissions inventory and H1 risk assessment<br>(air and sewer) | The operator shall submit a written report to the Environment Agency for assessment and written approval as required by sections 6.1 (point source emissions to air) and 6.4 (point source emissions to water and sewer) of Chemical waste: appropriate measures for permitted facilities.<br>The emissions inventory must include information about the relevant characteristics of point source emissions to air and sewer.<br>The report must include: | 07/03/2027 |

| Table S1.3 Improvement programme requirements | | |
|---|---|---|
| **Reference** | **Requirement** | **Date** |
| | a. the results and conclusions of the emissions monitoring and assessment undertaken in accordance with your emissions inventory.<br>b. a comparison of the monitoring results with the limits listed in Schedule 3, Tables S3.1 and S3.2 for each parameter.<br>c. the results and conclusions from an assessment of the environmental impact of the emissions to air and sewer using all relevant parameters identified from your emissions inventory under (a) above. The assessment must be carried out using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as agreed with the Environment Agency) and/or modelling as required following our guidance: 'Surface water pollution risk assessment for your environmental permit' and 'Air emissions risk assessment for your environmental permit - GOV.UK.<br>Where it is concluded that the impact of an emission may be significant or exceeds an environmental standard (e.g. an environmental quality standard EQS) the operator shall:<br>d. review whether there is a need for emissions limits to be lower than the limits listed in Schedule 3, Tables S3.1 and S3.2 in order to prevent exceedance of environmental standards.<br>e. propose revised emission limits that will prevent exceedance of the environmental standard(s)<br>f. include proposals for measures to mitigate the emission to meet the relevant emission limit (for example, the provision of additional treatment or abatement) and timescales for the implementation of these measures.<br>The proposals shall be implemented within 6 months of approval of the report or as agreed in writing by the Environment Agency. | |
| IC20<br>Site Drainage | The operator shall review and resubmit their site drainage plan to the Environment Agency for approval. The plan shall demonstrate that adequate segregation of clean and dirty water control measures, impermeable surfacing and a sealed drainage system are in place for external areas of the site where waste is stored or handled. | 07/03/2027 |
| IC21<br>Leak detection and repair plan | The operator shall submit a written 'leak detection and repair plan', and associated procedures and shall obtain the Environment Agency's written approval to it. The plan will identify, measure and reduce fugitive emissions of volatile organic compounds and other relevant substances to air, appropriate to their operations and in accordance with European standard EN15446 or an equivalent standard.<br>The plan shall be implemented in accordance with the Environment Agency's written approval. | 07/03/2027 |

| Table S1.4 Pre-operational measures for future development | | |
|---|---|---|
| **Reference** | **Operation** | **Pre-operational measures** |
| POFD1 | Recommencement of activity AR4, AR5, AR6 or AR7 in table S1.1 | Prior to the recommencement of activity AR4, AR5, AR6 or AR7 authorised by table S1.1, including any waste acceptance, storage and treatment which are temporarily non-operational under this variation notice, the operator shall confirm to the Environment Agency the intention to recommence operation and provide supporting documents for approval demonstrating activities are in accordance with the requirements of the Waste Treatment BAT Conclusions and Chemical Wastes appropriate measures for permitted sites and other appropriate measures guidance as applicable.<br>The activities permitted shall only recommence once written agreement has been provided by 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 storage and treatment of hazardous waste, and storage of waste used as process aids. (Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| **01** | **WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS** |
| **01 03** | **wastes from mineral excavation** |
| 01 03 04* | acid-generating tailings from processing of sulphide ore |
| 01 03 05* | other tailings containing hazardous substances |
| 01 03 06 | tailings other than those mentioned in 01 03 04 and 01 03 05 (PROCESS AID ONLY) |
| 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 04 11 | wastes from potash and rock salt processing other than those mentioned in 01 04 07 (PROCESS AID ONLY) |
| 01 04 12 | tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11 (PROCESS AID ONLY) |
| **01 05** | **drilling muds and other drilling wastes** |
| 01 05 04 | freshwater drilling muds and wastes (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| 01 05 08 | chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06 (PROCESS AID ONLY) |
| **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 (PROCESS AID ONLY) |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids.<br>(Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| 02 01 08* | agrochemical waste containing hazardous substances |
| 02 01 09 | agrochemical waste other than those mentioned in 02 01 08 (PROCESS AID ONLY) |
| **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 (PROCESS AID ONLY) |
| 02 03 02 | wastes from preserving agents (PROCESS AID ONLY) |
| 02 03 03 | wastes from solvent extraction (PROCESS AID ONLY) |
| 02 03 04 | materials unsuitable for consumption or processing (PROCESS AID ONLY) |
| 02 03 05 | sludges from on-site effluent treatment (PROCESS AID ONLY) |
| **02 04** | **wastes from sugar processing** |
| 02 04 02 | off-specification calcium carbonate (PROCESS AID ONLY) |
| 02 04 03 | sludges from on-site effluent treatment (PROCESS AID ONLY) |
| **02 05** | **wastes from the dairy products industry** |
| 02 05 01 | materials unsuitable for consumption or processing (PROCESS AID ONLY) |
| 02 05 02 | sludges from on-site effluent treatment (PROCESS AID ONLY) |
| **02 06** | **wastes from the baking and confectionery industry** |
| 02 06 01 | materials unsuitable for consumption or processing (PROCESS AID ONLY) |
| 02 06 02 | wastes from preserving agents (PROCESS AID ONLY) |
| 02 06 03 | sludges from on-site effluent treatment (PROCESS AID ONLY) |
| **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 (PROCESS AID ONLY) |
| 02 07 02 | wastes from spirits distillation (PROCESS AID ONLY) |
| 02 07 03 | wastes from chemical treatment (PROCESS AID ONLY) |
| 02 07 04 | materials unsuitable for consumption or processing (PROCESS AID ONLY) |
| 02 07 05 | sludges from on-site effluent treatment (PROCESS AID ONLY) |
| **03** | **WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD** |
| **03 02** | **wastes from wood preservation** |
| 03 02 01* | non-halogenated organic wood preservatives |
| 03 02 02* | organochlorinated wood preservatives |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids.<br>(Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **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 02 | green liquor sludge (from recovery of cooking liquor) (PROCESS AID ONLY) |
| 03 03 05 | de-inking sludges from paper recycling (PROCESS AID ONLY) |
| 03 03 09 | lime mud waste (PROCESS AID ONLY) |
| 03 03 10 | fibre rejects, fibre-, filler- and coating-sludges from mechanical separation (PROCESS AID ONLY) |
| 03 03 11 | sludges from on-site effluent treatment other than those mentioned in 03 03 10 (PROCESS AID ONLY) |
| **04** | **WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES** |
| **04 01** | **wastes from the leather and fur industry** |
| 04 01 02 | liming waste (PROCESS AID ONLY) |
| 04 01 03* | degreasing wastes containing solvents without a liquid phase |
| 04 01 04 | tanning liquor containing chromium (PROCESS AID ONLY) |
| 04 01 05 | tanning liquor free of chromium (PROCESS AID ONLY) |
| 04 01 06 | sludges, in particular from on-site effluent treatment containing chromium (PROCESS AID ONLY) |
| 04 01 07 | sludges, in particular from on-site effluent treatment free of chromium (PROCESS AID ONLY) |
| 04 01 09 | wastes from dressing and finishing (PROCESS AID ONLY) |
| **04 02** | **wastes from the textile industry** |
| 04 02 14* | wastes from finishing containing organic solvents |
| 04 02 15 | wastes from finishing other than those mentioned in 04 02 14 (PROCESS AID ONLY) |
| 04 02 16* | dyestuffs and pigments containing hazardous substances |
| 04 02 17 | dyestuffs and pigments other than those mentioned in 04 02 16 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| **05** | **WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL** |
| **05 01** | **wastes from petroleum refining** |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids. (Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| 05 01 02* | desalter sludges |
| 05 01 03* | tank bottom sludges |
| 05 01 04* | acid alkyl sludges |
| 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 (PROCESS AID ONLY) |
| 05 01 11* | wastes from cleaning of fuels with bases |
| 05 01 12* | oil containing acids |
| 05 01 13 | boiler feedwater sludges (PROCESS AID ONLY) |
| 05 01 14 | wastes from cooling columns (PROCESS AID ONLY) |
| **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 (PROCESS AID ONLY) |
| **05 07** | **wastes from natural gas purification and transportation** |
| 05 07 99 | wastes not otherwise specified (PROCESS AID ONLY) |
| **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** |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids.<br>(Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| 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 (PROCESS AID ONLY) |
| 06 03 15* | metallic oxides containing heavy metals |
| 06 03 16 | metallic oxides other than those mentioned in 06 03 15 (PROCESS AID ONLY) |
| **06 04** | **metal-containing wastes other than those mentioned in 06 03** |
| 06 04 03* | wastes containing arsenic |
| 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 (PROCESS AID ONLY) |
| **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 (PROCESS AID ONLY) |
| **06 07** | **wastes from the MFSU of halogens and halogen chemical processes** |
| 06 07 04* | solutions and acids, for example contact acid |
| **06 08** | **wastes from the MFSU of silicon and silicon derivatives** |
| 06 08 02* | wastes 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 (PROCESS AID ONLY) |
| **06 10** | **wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture** |
| 06 10 02* | wastes containing hazardous substances |
| 06 10 99 | wastes not otherwise specified (PROCESS AID ONLY) |
| **06 11** | **wastes from the manufacture of inorganic pigments and opacificiers** |
| 06 11 01 | calcium-based reaction wastes from titanium dioxide production (PROCESS AID ONLY) |
| **06 13** | **wastes from inorganic chemical processes not otherwise specified** |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids.<br>(Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| 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 (PROCESS AID ONLY) |
| **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 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 (PROCESS AID ONLY) |
| **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 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 (PROCESS AID ONLY) |
| 07 02 14* | wastes from additives containing hazardous substances |
| 07 02 15 | wastes from additives other than those mentioned in 07 02 14 (PROCESS AID ONLY) |
| 07 02 16* | wastes containing hazardous silicones |
| 07 02 17 | wastes containing silicones other than those mentioned in 07 02 16 (PROCESS AID ONLY) |
| **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 |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids. (Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| 07 03 07* | halogenated still bottoms and reaction residues |
| 07 03 08* | other still bottoms and reaction residues |
| 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 (PROCESS AID ONLY) |
| **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 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 (PROCESS AID ONLY) |
| **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 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 (PROCESS AID ONLY) |
| **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 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 (PROCESS AID ONLY) |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids.<br>(Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| **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 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 (PROCESS AID ONLY) |
| **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 (PROCESS AID ONLY - Restricted to water based, aqueous mixtures excluding varnish) |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| 08 01 21* | waste paint or varnish remover |
| **08 02** | **wastes from MFSU of other coatings (including ceramic materials)** |
| 08 02 02 | aqueous sludges containing ceramic materials (PROCESS AID ONLY) |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids.<br>(Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| 08 02 03 | aqueous suspensions containing ceramic materials (PROCESS AID ONLY) |
| **08 03** | **wastes from MFSU of printing inks** |
| 08 03 07 | aqueous sludges containing ink (PROCESS AID ONLY) |
| 08 03 08 | aqueous liquid waste containing ink (PROCESS AID ONLY) |
| 08 03 12* | waste ink containing hazardous substances |
| 08 03 13 | waste ink other than those mentioned in 08 03 12 (PROCESS AID ONLY) |
| 08 03 14* | ink sludges containing hazardous substances |
| 08 03 15 | ink sludges other than those mentioned in 08 03 14 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| **08 04** | **wastes from MFSU of adhesives and sealants (including waterproofing 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 (PROCESS AID ONLY - Restricted to water based, aqueous mixtures excluding varnish) |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| **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 04* | fixer solutions |
| 09 01 05* | bleach solutions and bleach fixer solutions |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids.<br>(Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| 09 01 06* | wastes containing silver from on-site treatment of photographic wastes |
| 09 01 13* | aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06 |
| **10** | **WASTES FROM THERMAL PROCESSES** |
| **10 01** | **wastes from power stations and other combustion plants (except 19)** |
| 10 01 07 | calcium-based reaction wastes from flue-gas desulphurisation in sludge form (PROCESS AID ONLY) |
| 10 01 09* | sulphuric acid |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| 10 01 26 | wastes from cooling-water treatment (PROCESS AID ONLY) |
| **10 02** | **wastes from the iron and steel industry** |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| 10 02 15 | other sludges and filter cakes (PROCESS AID ONLY) |
| **10 03** | **wastes from aluminium thermal metallurgy** |
| 10 03 18 | carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17 (PROCESS AID ONLY) |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids.<br>(Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| **10 04** | **wastes from lead thermal metallurgy** |
| 10 04 07* | sludges and filter cakes from gas treatment |
| 10 04 09* | wastes from cooling-water treatment containing oil |
| 10 04 10 | wastes from cooling-water treatment other than those mentioned in 10 04 09 (PROCESS AID ONLY) |
| **10 05** | **wastes from zinc thermal metallurgy** |
| 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 (PROCESS AID ONLY) |
| **10 06** | **wastes from copper thermal metallurgy** |
| 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 (PROCESS AID ONLY) |
| **10 07** | **wastes from silver, gold and platinum thermal metallurgy** |
| 10 07 05 | sludges and filter cakes from gas treatment (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| **10 08** | **wastes from other non-ferrous thermal metallurgy** |
| 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 (PROCESS AID ONLY) |
| 10 08 19* | wastes from cooling-water treatment containing oil |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids.<br>(Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| 10 08 20 | wastes from cooling-water treatment other than those mentioned in 10 08 19 (PROCESS AID ONLY) |
| **10 09** | **wastes from casting of ferrous pieces** |
| 10 09 13* | waste binders containing hazardous substances |
| 10 09 14 | waste binders other than those mentioned in 10 09 13 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| **10 10** | **wastes from casting of non-ferrous pieces** |
| 10 10 13* | waste binders containing hazardous substances |
| 10 10 14 | waste binders other than those mentioned in 10 10 13 (PROCESS AID ONLY) |
| 10 10 15* | waste crack-indicating agent containing hazardous substances |
| 10 10 16 | waste crack-indicating agent other than those mentioned in 10 10 15 (PROCESS AID ONLY) |
| **10 11** | **wastes from manufacture of glass and glass products** |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| **10 12** | **wastes from manufacture of ceramic goods, bricks, tiles and construction products** |
| 10 12 01 | waste preparation mixture before thermal processing (PROCESS AID ONLY) |
| 10 12 05 | sludges and filter cakes from gas treatment (PROCESS AID ONLY) |
| 10 12 11* | wastes from glazing containing heavy metals |
| 10 12 12 | wastes from glazing other than those mentioned in 10 12 11 (PROCESS AID ONLY) |
| 10 12 13 | sludge from on-site effluent treatment (PROCESS AID ONLY) |
| **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 (PROCESS AID ONLY) |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids.<br>(Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| 10 13 04 | wastes from calcination and hydration of lime (PROCESS AID ONLY) |
| 10 13 07 | sludges and filter cakes from gas treatment (PROCESS AID ONLY) |
| 10 13 11 | wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| **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, phosphatising, 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 (PROCESS AID ONLY) |
| 11 01 11* | aqueous rinsing liquids containing hazardous substances |
| 11 01 12 | aqueous rinsing liquids other than those mentioned in 11 01 11 (PROCESS AID ONLY) |
| 11 01 13* | degreasing wastes containing hazardous substances |
| 11 01 14 | degreasing wastes other than those mentioned in 11 01 13 (PROCESS AID ONLY) |
| 11 01 15* | eluate and sludges from membrane systems or ion exchange systems containing hazardous substances |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| 11 02 07* | other wastes containing hazardous substances |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids.<br>(Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| **11 03** | **sludges and solids from tempering processes** |
| 11 03 02* | other wastes |
| **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 12* | spent waxes and fats |
| 12 01 14* | machining sludges containing hazardous substances |
| 12 01 15 | machining sludges other than those mentioned in 12 01 14 (PROCESS AID ONLY) |
| 12 01 18* | metal sludge (grinding, honing and lapping sludge) containing oil |
| **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 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 07* | oily water from oil/water separators |
| 13 05 08* | mixtures of wastes from grit chambers and oil/water separators |
| **13 08** | **oil wastes not otherwise specified** |
| 13 08 01* | desalter sludges or emulsions |
| **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 14* | antifreeze fluids containing hazardous substances |
| 16 01 15 | antifreeze fluids other than those mentioned in 16 01 14 (PROCESS AID ONLY) |
| **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 (PROCESS AID ONLY) |
| 16 03 05* | organic wastes containing hazardous substances |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids.<br>(Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| 16 03 06 | organic wastes other than those mentioned in 16 03 05 (PROCESS AID ONLY) |
| **16 05** | **gases in pressure containers and discarded chemicals** |
| 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 06** | **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 09* | wastes containing other hazardous substances |
| 16 07 99 | wastes not otherwise specified (PROCESS AID ONLY) |
| **16 08** | **spent catalysts** |
| 16 08 02* | spent catalysts containing hazardous transition metals or hazardous transition metal compounds |
| 16 08 04 | spent fluid catalytic cracking catalysts (except 16 08 07) (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| 16 10 03* | aqueous concentrates containing hazardous substances |
| 16 10 04 | aqueous concentrates other than those mentioned in 16 10 03 (PROCESS AID ONLY) |
| **18** | **WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)** |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids.<br>(Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| **18 01** | **wastes from natal care, diagnosis, treatment or prevention of disease in humans** |
| 18 01 06* | chemicals consisting of or containing hazardous substances |
| **18 02** | **wastes from research, diagnosis, treatment or prevention of disease involving animals** |
| 18 02 05* | chemicals consisting of or containing hazardous substances |
| 18 02 06 | chemicals other than those mentioned in 18 02 05 (PROCESS AID ONLY) |
| **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 02** | **wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)** |
| 19 02 03 | premixed wastes composed only of non-hazardous wastes (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| 19 02 11* | other wastes containing hazardous substances |
| **19 04** | **vitrified waste and wastes from vitrification** |
| 19 04 04 | aqueous liquid wastes from vitrified waste tempering (PROCESS AID ONLY) |
| **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 (PROCESS AID ONLY) |
| **19 08** | **wastes from waste water treatment plants not otherwise specified** |
| 19 08 02 | waste from desanding (PROCESS AID ONLY) |
| 19 08 05 | sludges from treatment of urban waste water (PROCESS AID ONLY) |
| 19 08 07* | solutions and sludges from regeneration of ion exchangers |
| 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 (PROCESS AID ONLY) |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids.<br>(Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| 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 (PROCESS AID ONLY) |
| **19 09** | **wastes from the preparation of water intended for human consumption or water for industrial use** |
| 19 09 02 | sludges from water clarification (PROCESS AID ONLY) |
| 19 09 03 | sludges from decarbonation (PROCESS AID ONLY) |
| 19 09 06 | solutions and sludges from regeneration of ion exchangers (PROCESS AID ONLY) |
| **19 11** | **wastes from oil regeneration** |
| 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 |
| 19 11 06 | sludges from on-site effluent treatment other than those mentioned in 19 11 05 (PROCESS AID ONLY) |
| 19 11 07* | wastes from flue-gas cleaning |
| **19 13** | **wastes from soil and groundwater remediation** |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| 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 (PROCESS AID ONLY) |
| **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 14* | acids |
| 20 01 15* | alkalines |
| 20 01 17* | photochemicals |
| 20 01 27* | paint, inks, adhesives and resins containing hazardous substances |

| Table S2.2 Permitted waste types and quantities for storage and treatment of hazardous waste, and storage of waste used as process aids. (Activities AR1, AR4, AR6, AR7, AR11 and AR12) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate.<br>The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by redox (AR4), VOC stripping (AR6) or ammonia stripping (AR7), subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| 20 01 28 | paint, inks, adhesives and resins other than those mentioned in 20 01 27 (PROCESS AID ONLY) |
| 20 01 29* | detergents containing hazardous substances |
| 20 01 30 | detergents other than those mentioned in 20 01 29 (PROCESS AID ONLY) |
| **20 03** | **other municipal wastes** |
| 20 03 03 | street-cleaning residues (PROCESS AID ONLY) |

| Table S2.3 Permitted waste types and quantities for storage and treatment of hazardous waste. (Activities AR3 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of wastes accepted under this activity shall not exceed 410 tonnes per year.<br>The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| **16** | **WASTES NOT OTHERWISE SPECIFIED IN THE LIST** |
| **16 05** | **gases in pressure containers and discarded chemicals** |
| 16 05 04* | gases in pressure containers (including halons) containing dangerous substances (consisting of only containers/canisters with nitrous oxide present) |

| Table S2.4 Permitted waste types and quantities for storage and treatment of hazardous waste. (Activities AR5 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by gravity settlement, subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| **01** | **WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS** |
| **01 05** | **drilling muds and other drilling wastes** |
| 01 05 05* | oil-containing drilling muds and wastes |
| **05** | **WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL** |
| **05 01** | **wastes from petroleum refining** |
| 05 01 05* | oil spills |

| Table S2.4 Permitted waste types and quantities for storage and treatment of hazardous waste. (Activities AR5 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by gravity settlement, subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| 05 01 06* | oily sludges from maintenance operations of the plant or equipment |
| 05 01 12* | oil containing acids |
| **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 02** | **wastes from the MFSU of plastics, synthetic rubber and man-made fibres** |
| 07 02 01* | aqueous washing liquids and mother liquors |
| **07 03** | **wastes from the MFSU of organic dyes and pigments (except 06 11)** |
| 07 03 01* | aqueous washing liquids and mother liquors |
| **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 05** | **wastes from the MFSU of pharmaceuticals** |
| 07 05 01* | aqueous washing liquids and mother liquors |
| **07 06** | **wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics** |
| 07 06 01* | aqueous washing liquids and mother liquors |
| **07 07** | **wastes from the MFSU of fine chemicals and chemical products not otherwise specified** |
| 07 07 01* | aqueous washing liquids and mother liquors |
| **08** | **WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS** |
| **08 03** | **wastes from MFSU of printing inks** |
| 08 03 19* | disperse oil |
| **08 04** | **wastes from MFSU of adhesives and sealants (including waterproofing products)** |
| 08 04 17* | rosin oil |
| **10** | **WASTES FROM THERMAL PROCESSES** |
| **10 02** | **wastes from the iron and steel industry** |
| 10 02 11* | wastes from cooling-water treatment containing oil |
| **10 03** | **wastes from aluminium thermal metallurgy** |
| 10 03 27* | wastes from cooling-water treatment containing oil |
| **10 04** | **wastes from lead thermal metallurgy** |
| 10 04 09* | wastes from cooling-water treatment containing oil |
| **10 05** | **wastes from zinc thermal metallurgy** |

| Table S2.4 Permitted waste types and quantities for storage and treatment of hazardous waste. (Activities AR5 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by gravity settlement, subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| 10 05 08* | wastes from cooling-water treatment containing oil |
| **10 06** | **wastes from copper thermal metallurgy** |
| 10 06 09* | wastes from cooling-water treatment containing oil |
| **10 07** | **wastes from silver, gold and platinum thermal metallurgy** |
| 10 07 07* | wastes from cooling-water treatment containing oil |
| **10 08** | **wastes from other non-ferrous thermal metallurgy** |
| 10 08 19* | wastes from cooling-water treatment containing oil |
| **12** | **WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS** |
| **12 01** | **wastes from shaping and physical and mechanical surface treatment of metals and plastics** |
| 12 01 06* | mineral-based machining oils containing halogens (except emulsions and solutions) |
| 12 01 07* | mineral-based machining oils free of halogens (except emulsions and solutions) |
| 12 01 08* | machining emulsions and solutions containing halogens |
| 12 01 09* | machining emulsions and solutions free of halogens |
| 12 01 10* | synthetic machining oils |
| 12 01 18* | metal sludge (grinding, honing and lapping sludge) containing oil |
| 12 01 19* | readily biodegradable machining oil |
| **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 04* | chlorinated emulsions |
| 13 01 05* | non-chlorinated emulsions |
| 13 01 09* | mineral-based chlorinated hydraulic oils |
| 13 01 10* | mineral based non-chlorinated hydraulic oils |
| 13 01 11* | synthetic hydraulic oils |
| 13 01 12* | readily biodegradable hydraulic oils |
| 13 01 13* | other hydraulic oils |
| **13 02** | **waste engine, gear and lubricating oils** |
| 13 02 04* | mineral-based chlorinated engine, gear and lubricating oils |
| 13 02 05* | mineral-based non-chlorinated engine, gear and lubricating oils |
| 13 02 06* | synthetic engine, gear and lubricating oils |
| 13 02 07* | readily biodegradable engine, gear and lubricating oils |
| 13 02 08* | other engine, gear and lubricating oils |
| **13 03** | **waste insulating and heat transmission oils** |

| Table S2.4 Permitted waste types and quantities for storage and treatment of hazardous waste. (Activities AR5 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by gravity settlement, subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| 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 03* | other fuels (including mixtures) |
| **13 08** | **oil wastes not otherwise specified** |
| 13 08 01* | desalter sludges or emulsions |
| 13 08 02* | other emulsions |
| **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 13* | brake fluids |
| 16 01 14* | antifreeze fluids containing hazardous substances |
| **16 07** | **wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)** |
| 16 07 08* | wastes containing oil |
| **16 10** | **aqueous liquid wastes destined for off-site treatment** |
| 16 10 01* | aqueous liquid wastes containing hazardous substances |

| Table S2.4 Permitted waste types and quantities for storage and treatment of hazardous waste. (Activities AR5 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | Treatment of hazardous waste by gravity settlement, subject to agreement under pre-operational measure reference number POFD1. |
| **Waste code** | **Description** |
| **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 02** | **wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)** |
| 19 02 07* | oil and concentrates from separation |
| **19 08** | **wastes from waste water treatment plants not otherwise specified** |
| 19 08 10* | grease and oil mixture from oil/water separation other than those mentioned in 19 08 09 |
| **19 11** | **wastes from oil regeneration** |
| 19 11 03* | aqueous liquid wastes |
| **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 26* | oil and fat other than those mentioned in 20 01 25 |

| Table S2.5 Permitted waste types and quantities for storage and blending or mixing of hazardous waste for recovery. (Activities AR8 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| **07** | **WASTES FROM ORGANIC CHEMICAL PROCESSES** |
| **07 01** | **wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals** |
| 07 01 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 01 04* | other organic solvents, washing liquids and mother liquors |
| **07 02** | **wastes from the MFSU of plastics, synthetic rubber and man-made fibres** |
| 07 02 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 02 04* | other organic solvents, washing liquids and mother liquors |
| **07 03** | **wastes from the MFSU of organic dyes and pigments (except 06 11)** |
| 07 03 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 03 04* | other organic solvents, washing liquids and mother liquors |
| **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 03* | organic halogenated solvents, washing liquids and mother liquors |

| Table S2.5 Permitted waste types and quantities for storage and blending or mixing of hazardous waste for recovery.<br>(Activities AR8 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 07 04 04* | other organic solvents, washing liquids and mother liquors |
| **07 05** | **wastes from the MFSU of pharmaceuticals** |
| 07 05 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 05 04* | other organic solvents, washing liquids and mother liquors |
| **07 06** | **wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics** |
| 07 06 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 06 04* | other organic solvents, washing liquids and mother liquors |
| **07 07** | **wastes from the MFSU of fine chemicals and chemical products not otherwise specified** |
| 07 07 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 07 04* | other organic solvents, washing liquids and mother liquors |
| **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 17* | wastes from paint or varnish removal containing organic solvents or other hazardous substances |
| 08 01 21* | waste paint or varnish remover |
| **08 04** | **wastes from MFSU of adhesives and sealants (including waterproofing products)** |
| 08 04 09* | waste adhesives and sealants containing organic solvents or other hazardous substances |
| 08 04 15* | aqueous liquid waste containing adhesives or sealants containing organic solvents or other hazardous substances |
| **09** | **WASTES FROM THE PHOTOGRAPHIC INDUSTRY** |
| **09 01** | **wastes from the photographic industry** |
| 09 01 03* | solvent-based developer solutions |
| **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 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** |

| Table S2.5 Permitted waste types and quantities for storage and blending or mixing of hazardous waste for recovery.<br>(Activities AR8 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **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 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 07** | **wastes of liquid fuels** |
| 13 07 01* | fuel oil and diesel |
| 13 07 03* | other fuels (including mixtures) |
| **13 08** | **oil wastes not otherwise specified** |
| 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 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 |
| **16** | **WASTES NOT OTHERWISE SPECIFIED IN THE LIST** |
| **16 03** | **off-specification batches and unused products** |
| 16 03 05* | organic wastes containing hazardous substances |
| **16 05** | **gases in pressure containers and discarded chemicals** |
| 16 05 06* | laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals |
| 16 05 08* | discarded organic chemicals consisting of or containing hazardous substances |
| **16 07** | **wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)** |
| 16 07 08* | wastes containing oil |
| **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 02** | **wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)** |

| Table S2.5 Permitted waste types and quantities for storage and blending or mixing of hazardous waste for recovery.<br>(Activities AR8 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 19 02 07* | oil and concentrates from separation |
| **19 11** | **wastes from oil regeneration** |
| 19 11 03* | aqueous liquid wastes |
| **20** | **MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS** |
| **20 01** | **separately collected fractions (except 15 01)** |
| 20 01 13* | solvents |
| 20 01 26* | oil and fat other than those mentioned in 20 01 25 |
| 20 01 27* | paint, inks, adhesives and resins containing hazardous substances |

| Table S2.6 Permitted waste types and quantities for storage and blending or mixing of hazardous waste for disposal.<br>(Activities AR9 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| **05** | **WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL** |
| **05 01** | **wastes from petroleum refining** |
| 05 01 11* | wastes from cleaning of fuels with bases |
| 05 01 12* | oil containing acids |
| **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 |

| Table S2.6 Permitted waste types and quantities for storage and blending or mixing of hazardous waste for disposal.<br>(Activities AR9 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| **06 07** | **wastes from the MFSU of halogens and halogen chemical processes** |
| 06 07 04* | solutions and acids, for example contact acid |
| **09** | **WASTES FROM THE PHOTOGRAPHIC INDUSTRY** |
| **09 01** | **wastes from the photographic industry** |
| 09 01 04* | fixer solutions |
| 09 01 05* | bleach solutions and bleach fixer solutions |
| **10** | **WASTES FROM THERMAL PROCESSES** |
| **10 01** | **wastes from power stations and other combustion plants (except 19)** |
| 10 01 09* | sulphuric acid |
| **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, phosphatising, alkaline degreasing, anodising)** |
| 11 01 05* | pickling acids |
| 11 01 06* | acids not otherwise specified |
| 11 01 07* | pickling bases |
| 11 01 13* | degreasing wastes containing hazardous substances |
| 11 01 98* | other wastes containing hazardous substances |
| **16** | **WASTES NOT OTHERWISE SPECIFIED IN THE LIST** |
| **16 05** | **gases in pressure containers and discarded chemicals** |
| 16 05 07* | discarded inorganic chemicals consisting of or containing hazardous substances |
| **20** | **MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS** |
| **20 01** | **separately collected fractions (except 15 01)** |
| 20 01 14* | acids |
| 20 01 15* | alkalines |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste.<br>(Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| **01** | **WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS** |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| **01 03** | **wastes from mineral excavation** |
| 01 03 04* | acid-generating tailings from processing of sulphide ore |
| 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** | **WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING** |
| **02 01** | **wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing** |
| 02 01 08* | agrochemical waste containing hazardous substances |
| **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 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 |
| 03 02 03* | organometallic wood preservatives |
| 03 02 04* | inorganic wood preservatives |
| 03 02 05* | other wood preservatives containing hazardous substances |
| **04** | **WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES** |
| **04 01** | **wastes from the leather and fur industry** |
| 04 01 03* | degreasing wastes containing solvents without a liquid phase |
| **04 02** | **wastes from the textile industry** |
| 04 02 14* | wastes from finishing containing organic solvents |
| 04 02 16* | dyestuffs and pigments containing hazardous substances |
| 04 02 19* | sludges from on-site effluent treatment containing hazardous substances |
| **05** | **WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL** |
| **05 01** | **wastes from petroleum refining** |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 05 01 02* | desalter sludges |
| 05 01 03* | tank bottom sludges |
| 05 01 04* | acid alkyl sludges |
| 05 01 05* | oil spills |
| 05 01 06* | oily sludges from maintenance operations of the plant or equipment |
| 05 01 07* | acid tars |
| 05 01 08* | other tars |
| 05 01 09* | sludges from on-site effluent treatment containing hazardous substances |
| 05 01 11* | wastes from cleaning of fuels with bases |
| 05 01 12* | oil containing acids |
| 05 01 15* | spent filter clays |
| **05 06** | **wastes from the pyrolytic treatment of coal** |
| 05 06 01* | acid tars |
| 05 06 03* | other tars |
| **05 07** | **wastes from natural gas purification and transportation** |
| 05 07 01* | wastes containing mercury |
| **06** | **WASTES FROM INORGANIC CHEMICAL PROCESSES** |
| **06 01** | **wastes from the manufacture, formulation, supply and use (MFSU) of acids** |
| 06 01 01* | sulphuric acid and sulphurous acid |
| 06 01 02* | hydrochloric acid |
| 06 01 03* | hydrofluoric acid |
| 06 01 04* | phosphoric and phosphorous acid |
| 06 01 05* | nitric acid and nitrous acid |
| 06 01 06* | other acids |
| **06 02** | **wastes from the MFSU of bases** |
| 06 02 01* | calcium hydroxide |
| 06 02 03* | ammonium hydroxide |
| 06 02 04* | sodium and potassium hydroxide |
| 06 02 05* | other bases |
| **06 03** | **wastes from the MFSU of salts and their solutions and metallic oxides** |
| 06 03 11* | solid salts and solutions containing cyanides |
| 06 03 13* | solid salts and solutions containing heavy metals |
| 06 03 15* | metallic oxides containing heavy metals |
| **06 04** | **metal-containing wastes other than those mentioned in 06 03** |
| 06 04 03* | wastes containing arsenic |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 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 06** | **wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes** |
| 06 06 02* | wastes containing hazardous sulphides |
| **06 07** | **wastes from the MFSU of halogens and halogen chemical processes** |
| 06 07 01* | wastes containing asbestos from electrolysis |
| 06 07 02* | activated carbon from chlorine production |
| 06 07 03* | barium sulphate sludge containing mercury |
| 06 07 04* | solutions and acids, for example contact acid |
| **06 08** | **wastes from the MFSU of silicon and silicon derivatives** |
| 06 08 02* | wastes 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 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 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 |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| **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 14* | wastes from additives containing hazardous substances |
| 07 02 16* | wastes containing hazardous silicones |
| **07 03** | **wastes from the MFSU of organic dyes and pigments (except 06 11)** |
| 07 03 01* | aqueous washing liquids and mother liquors |
| 07 03 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 03 04* | other organic solvents, washing liquids and mother liquors |
| 07 03 07* | halogenated still bottoms and reaction residues |
| 07 03 08* | other still bottoms and reaction residues |
| 07 03 09* | halogenated filter cakes and spent absorbents |
| 07 03 10* | other filter cakes and spent absorbents |
| 07 03 11* | sludges from on-site effluent treatment containing hazardous substances |
| **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 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 |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 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 13* | solid wastes containing hazardous substances |
| **07 06** | **wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics** |
| 07 06 01* | aqueous washing liquids and mother liquors |
| 07 06 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 06 04* | other organic solvents, washing liquids and mother liquors |
| 07 06 07* | halogenated still bottoms and reaction residues |
| 07 06 08* | other still bottoms and reaction residues |
| 07 06 09* | halogenated filter cakes and spent absorbents |
| 07 06 10* | other filter cakes and spent absorbents |
| 07 06 11* | sludges from on-site effluent treatment containing hazardous substances |
| **07 07** | **wastes from the MFSU of fine chemicals and chemical products not otherwise specified** |
| 07 07 01* | aqueous washing liquids and mother liquors |
| 07 07 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 07 04* | other organic solvents, washing liquids and mother liquors |
| 07 07 07* | halogenated still bottoms and reaction residues |
| 07 07 08* | other still bottoms and reaction residues |
| 07 07 09* | halogenated filter cakes and spent absorbents |
| 07 07 10* | other filter cakes and spent absorbents |
| 07 07 11* | sludges from on-site effluent treatment containing hazardous substances |
| **08** | **WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS** |
| **08 01** | **wastes from MFSU and removal of paint and varnish** |
| 08 01 11* | waste paint and varnish containing organic solvents or other hazardous substances |
| 08 01 13* | sludges from paint or varnish containing organic solvents or other hazardous substances |
| 08 01 15* | aqueous sludges containing paint or varnish containing organic solvents or other hazardous substances |
| 08 01 17* | wastes from paint or varnish removal containing organic solvents or other hazardous substances |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 08 01 19* | aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances |
| 08 01 21* | waste paint or varnish remover |
| **08 03** | **wastes from MFSU of printing inks** |
| 08 03 12* | waste ink containing hazardous substances |
| 08 03 14* | ink sludges containing hazardous substances |
| 08 03 16* | waste etching solutions |
| 08 03 17* | waste printing toner containing hazardous substances |
| 08 03 19* | disperse oil |
| **08 04** | **wastes from MFSU of adhesives and sealants (including waterproofing products)** |
| 08 04 09* | waste adhesives and sealants containing organic solvents or other hazardous substances |
| 08 04 11* | adhesive and sealant sludges containing organic solvents or other hazardous substances |
| 08 04 13* | aqueous sludges containing adhesives or sealants containing organic solvents or other hazardous substances |
| 08 04 15* | aqueous liquid waste containing adhesives or sealants containing organic solvents or other hazardous substances |
| 08 04 17* | rosin oil |
| **08 05** | **wastes not otherwise specified in 08** |
| 08 05 01* | waste isocyanates |
| **09** | **WASTES FROM THE PHOTOGRAPHIC INDUSTRY** |
| **09 01** | **wastes from the photographic industry** |
| 09 01 01* | water-based developer and activator solutions |
| 09 01 02* | water-based offset plate developer solutions |
| 09 01 03* | solvent-based developer solutions |
| 09 01 04* | fixer solutions |
| 09 01 05* | bleach solutions and bleach fixer solutions |
| 09 01 06* | wastes containing silver from on-site treatment of photographic wastes |
| 09 01 11* | single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03 |
| 09 01 13* | aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06 |
| **10** | **WASTES FROM THERMAL PROCESSES** |
| **10 01** | **wastes from power stations and other combustion plants (except 19)** |
| 10 01 04* | oil fly ash and boiler dust |
| 10 01 09* | sulphuric acid |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 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 16* | fly ash from co-incineration containing hazardous substances |
| 10 01 18* | wastes from gas cleaning containing hazardous substances |
| 10 01 20* | sludges from on-site effluent treatment containing hazardous substances |
| 10 01 22* | aqueous sludges from boiler cleansing containing hazardous substances |
| **10 02** | **wastes from the iron and steel industry** |
| 10 02 07* | solid wastes from gas treatment containing hazardous substances |
| 10 02 11* | wastes from cooling-water treatment containing oil |
| 10 02 13* | sludges and filter cakes from gas treatment containing hazardous substances |
| **10 03** | **wastes from aluminium thermal metallurgy** |
| 10 03 04* | primary production slags |
| 10 03 08* | salt slags from secondary production |
| 10 03 09* | black drosses from secondary production |
| 10 03 15* | skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities |
| 10 03 17* | tar-containing wastes from anode manufacture |
| 10 03 19* | flue-gas dust containing hazardous substances |
| 10 03 21* | other particulates and dust (including ball-mill dust) containing hazardous substances |
| 10 03 23* | solid wastes from gas treatment containing hazardous substances |
| 10 03 25* | sludges and filter cakes from gas treatment containing hazardous substances |
| 10 03 27* | wastes from cooling-water treatment containing oil |
| 10 03 29* | wastes from treatment of salt slags and black drosses containing hazardous substances |
| **10 04** | **wastes from lead thermal metallurgy** |
| 10 04 01* | slags from primary and secondary production |
| 10 04 02* | dross and skimmings from primary and secondary production |
| 10 04 03* | calcium arsenate |
| 10 04 04* | flue-gas dust |
| 10 04 05* | other particulates and dust |
| 10 04 06* | solid wastes from gas treatment |
| 10 04 07* | sludges and filter cakes from gas treatment |
| 10 04 09* | wastes from cooling-water treatment containing oil |
| **10 05** | **wastes from zinc thermal metallurgy** |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 10 05 03* | flue-gas dust |
| 10 05 05* | solid waste from gas treatment |
| 10 05 06* | sludges and filter cakes from gas treatment |
| 10 05 08* | wastes from cooling-water treatment containing oil |
| 10 05 10* | dross and skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities |
| **10 06** | **wastes from copper thermal metallurgy** |
| 10 06 03* | flue-gas dust |
| 10 06 06* | solid wastes from gas treatment |
| 10 06 07* | sludges and filter cakes from gas treatment |
| 10 06 09* | wastes from cooling-water treatment containing oil |
| **10 07** | **wastes from silver, gold and platinum thermal metallurgy** |
| 10 07 07* | wastes from cooling-water treatment containing oil |
| **10 08** | **wastes from other non-ferrous thermal metallurgy** |
| 10 08 08* | salt slag from primary and secondary production |
| 10 08 10* | dross and skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities |
| 10 08 12* | tar-containing wastes from anode manufacture |
| 10 08 15* | flue-gas dust containing hazardous substances |
| 10 08 17* | sludges and filter cakes from flue-gas treatment containing hazardous substances |
| 10 08 19* | wastes from cooling-water treatment containing oil |
| **10 09** | **wastes from casting of ferrous pieces** |
| 10 09 05* | casting cores and moulds which have not undergone pouring containing hazardous substances |
| 10 09 07* | casting cores and moulds which have undergone pouring containing hazardous substances |
| 10 09 09* | flue-gas dust containing hazardous substances |
| 10 09 11* | other particulates containing hazardous substances |
| 10 09 13* | waste binders containing hazardous substances |
| 10 09 15* | waste crack-indicating agent containing hazardous substances |
| **10 10** | **wastes from casting of non-ferrous pieces** |
| 10 10 05* | casting cores and moulds which have not undergone pouring, containing hazardous substances |
| 10 10 07* | casting cores and moulds which have undergone pouring, containing hazardous substances |
| 10 10 09* | flue-gas dust containing hazardous substances |
| 10 10 11* | other particulates containing hazardous substances |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 10 10 13* | waste binders containing hazardous substances |
| 10 10 15* | waste crack-indicating agent containing hazardous substances |
| **10 11** | **wastes from manufacture of glass and glass products** |
| 10 11 09* | waste preparation mixture before thermal processing, containing hazardous substances |
| 10 11 11* | waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes) |
| 10 11 13* | glass-polishing and -grinding sludge containing hazardous substances |
| 10 11 15* | solid wastes from flue-gas treatment containing hazardous substances |
| 10 11 17* | sludges and filter cakes from flue-gas treatment containing hazardous substances |
| 10 11 19* | solid wastes from on-site effluent treatment containing hazardous substances |
| **10 12** | **wastes from manufacture of ceramic goods, bricks, tiles and construction products** |
| 10 12 09* | solid wastes from gas treatment containing hazardous substances |
| 10 12 11* | wastes from glazing containing heavy metals |
| **10 13** | **wastes from manufacture of cement, lime and plaster and articles and products made from them** |
| 10 13 09* | wastes from asbestos-cement manufacture containing asbestos |
| 10 13 12* | solid wastes from gas treatment containing hazardous substances |
| **10 14** | **waste from crematoria** |
| 10 14 01* | waste from gas cleaning containing mercury |
| **11** | **WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS, NON-FERROUS 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, phosphatising, 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 11* | aqueous rinsing liquids containing hazardous substances |
| 11 01 13* | degreasing wastes containing hazardous substances |
| 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** |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 11 02 02* | sludges from zinc hydrometallurgy (including jarosite, goethite) |
| 11 02 05* | wastes from copper hydrometallurgical processes containing hazardous substances |
| 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 03* | solid wastes from gas treatment |
| 11 05 04* | spent flux |
| **12** | **WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS** |
| **12 01** | **wastes from shaping and physical and mechanical surface treatment of metals and plastics** |
| 12 01 06* | mineral-based machining oils containing halogens (except emulsions and solutions) |
| 12 01 07* | mineral-based machining oils free of halogens (except emulsions and solutions) |
| 12 01 08* | machining emulsions and solutions containing halogens |
| 12 01 09* | machining emulsions and solutions free of halogens |
| 12 01 10* | synthetic machining oils |
| 12 01 12* | spent waxes and fats |
| 12 01 14* | machining sludges containing hazardous substances |
| 12 01 16* | waste blasting material containing hazardous substances |
| 12 01 18* | metal sludge (grinding, honing and lapping sludge) containing oil |
| 12 01 19* | readily biodegradable machining oil |
| 12 01 20* | spent grinding bodies and grinding materials containing hazardous substances |
| **12 03** | **wastes from water and steam degreasing processes (except 11)** |
| 12 03 01* | aqueous washing liquids |
| 12 03 02* | steam degreasing wastes |
| **13** | **OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)** |
| **13 01** | **waste hydraulic oils** |
| 13 01 01* | hydraulic oils, containing 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 |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 13 01 12* | readily biodegradable hydraulic oils |
| 13 01 13* | other hydraulic oils |
| **13 02** | **waste engine, gear and lubricating oils** |
| 13 02 04* | mineral-based chlorinated engine, gear and lubricating oils |
| 13 02 05* | mineral-based non-chlorinated engine, gear and lubricating oils |
| 13 02 06* | synthetic engine, gear and lubricating oils |
| 13 02 07* | readily biodegradable engine, gear and lubricating oils |
| 13 02 08* | other engine, gear and lubricating oils |
| **13 03** | **waste insulating and heat transmission oils** |
| 13 03 01* | insulating or heat transmission oils containing PCBs |
| 13 03 06* | mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01 |
| 13 03 07* | mineral-based non-chlorinated insulating and heat transmission oils |
| 13 03 08* | synthetic insulating and heat transmission oils |
| 13 03 09* | readily biodegradable insulating and heat transmission oils |
| 13 03 10* | other insulating and heat transmission oils |
| **13 04** | **bilge oils** |
| 13 04 01* | bilge oils from inland navigation |
| 13 04 02* | bilge oils from jetty sewers |
| 13 04 03* | bilge oils from other navigation |
| **13 05** | **oil/water separator contents** |
| 13 05 01* | solids from grit chambers and oil/water separators |
| 13 05 02* | sludges from oil/water separators |
| 13 05 03* | interceptor sludges |
| 13 05 06* | oil from oil/water separators |
| 13 05 07* | oily water from oil/water separators |
| 13 05 08* | mixtures of wastes from grit chambers and oil/water separators |
| **13 07** | **wastes of liquid fuels** |
| 13 07 01* | fuel oil and diesel |
| 13 07 02* | petrol |
| 13 07 03* | other fuels (including mixtures) |
| **13 08** | **oil wastes not otherwise specified** |
| 13 08 01* | desalter sludges or emulsions |
| 13 08 02* | other emulsions |
| **14** | **WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08)** |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| **14 06** | **waste organic solvents, refrigerants and foam/aerosol propellants** |
| 14 06 01* | chlorofluorocarbons, HCFC, HFC |
| 14 06 02* | other halogenated solvents and solvent mixtures |
| 14 06 03* | other solvents and solvent mixtures |
| 14 06 04* | sludges or solid wastes containing halogenated solvents |
| 14 06 05* | sludges or solid wastes containing other solvents |
| **15** | **WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED** |
| **15 01** | **packaging (including separately collected municipal packaging waste)** |
| 15 01 10* | packaging containing residues of or contaminated by 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 |
| **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 07* | oil filters |
| 16 01 08* | components containing mercury |
| 16 01 09* | components containing PCBs |
| 16 01 11* | brake pads containing asbestos |
| 16 01 13* | brake fluids |
| 16 01 14* | antifreeze fluids containing hazardous substances |
| 16 01 21* | hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14 |
| **16 02** | **wastes from electrical and electronic equipment** |
| 16 02 09* | transformers and capacitors containing PCBs |
| 16 02 10* | discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09 |
| 16 02 11* | discarded equipment containing chlorofluorocarbons, HCFC, HFC |
| 16 02 12* | discarded equipment containing free asbestos |
| 16 02 13* | discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12 |
| 16 02 15* | hazardous components removed from discarded equipment |
| **16 03** | **off-specification batches and unused products** |
| 16 03 03* | inorganic wastes containing hazardous substances |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 16 03 05* | organic wastes containing hazardous substances |
| **16 05** | **gases in pressure containers and discarded chemicals** |
| 16 05 04* | gases in pressure containers (including halons) containing hazardous substances |
| 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 06** | **batteries and accumulators** |
| 16 06 01* | lead batteries |
| 16 06 02* | Ni-Cd batteries |
| 16 06 03* | mercury-containing batteries |
| 16 06 06* | separately collected electrolyte from batteries and accumulators |
| **16 07** | **wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)** |
| 16 07 08* | wastes containing oil |
| 16 07 09* | wastes containing other hazardous substances |
| **16 08** | **spent catalysts** |
| 16 08 02* | spent catalysts containing hazardous transition metals or hazardous transition metal compounds |
| 16 08 05* | spent catalysts containing phosphoric acid |
| 16 08 06* | spent liquids used as catalysts |
| 16 08 07* | spent catalysts contaminated with 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 03* | aqueous concentrates containing hazardous substances |
| **16 11** | **waste linings and refractories** |
| 16 11 01* | carbon-based linings and refractories from metallurgical processes containing hazardous substances |
| 16 11 03* | other linings and refractories from metallurgical processes containing hazardous substances |
| 16 11 05* | linings and refractories from non-metallurgical processes containing hazardous substances |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| **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 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 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 01* | insulation materials containing asbestos |
| 17 06 03* | other insulation materials consisting of or containing hazardous substances |
| 17 06 05* | construction materials containing asbestos |
| **17 08** | **gypsum-based construction material** |
| 17 08 01* | gypsum-based construction materials contaminated with hazardous substances |
| **17 09** | **other construction and demolition wastes** |
| 17 09 01* | construction and demolition wastes containing mercury |
| 17 09 02* | construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors) |
| 17 09 03* | other construction and demolition wastes (including mixed wastes) containing hazardous substances |
| **18** | **WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)** |
| **18 01** | **wastes from natal care, diagnosis, treatment or prevention of disease in humans** |
| 18 01 06* | chemicals consisting of or containing hazardous substances |
| 18 01 08* | cytotoxic and cytostatic medicines |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 18 01 10* | amalgam waste from dental care |
| **18 02** | **wastes from research, diagnosis, treatment or prevention of disease involving animals** |
| 18 02 05* | chemicals consisting of or containing hazardous substances |
| 18 02 07* | cytotoxic and cytostatic medicines |
| **19** | **WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE** |
| **19 01** | **wastes from incineration or pyrolysis of waste** |
| 19 01 05* | filter cake from gas treatment |
| 19 01 06* | aqueous liquid wastes from gas treatment and other aqueous liquid wastes |
| 19 01 07* | solid wastes from gas treatment |
| 19 01 10* | spent activated carbon from flue-gas treatment |
| 19 01 11* | bottom ash and slag containing hazardous substances |
| 19 01 13* | fly ash containing hazardous substances |
| 19 01 15* | boiler dust containing hazardous substances |
| 19 01 17* | pyrolysis wastes containing hazardous substances |
| **19 02** | **wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)** |
| 19 02 04* | premixed wastes composed of at least one hazardous waste |
| 19 02 05* | sludges from physico/chemical treatment containing hazardous substances |
| 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 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 06* | wastes marked as hazardous, solidified |
| **19 04** | **vitrified waste and wastes from vitrification** |
| 19 04 02* | fly ash and other flue-gas treatment wastes |
| 19 04 03* | non-vitrified solid phase |
| **19 07** | **landfill leachate** |
| 19 07 02* | landfill leachate containing hazardous substances |
| **19 08** | **wastes from waste water treatment plants not otherwise specified** |
| 19 08 06* | saturated or spent ion exchange resins |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 19 08 07* | solutions and sludges from regeneration of ion exchangers |
| 19 08 08* | membrane system waste containing heavy metals |
| 19 08 10* | grease and oil mixture from oil/water separation other than those mentioned in 19 08 09 |
| 19 08 11* | sludges containing hazardous substances from biological treatment of industrial waste water |
| 19 08 13* | sludges containing hazardous substances from other treatment of industrial waste water |
| **19 10** | **wastes from shredding of metal-containing wastes** |
| 19 10 03* | fluff-light fraction and dust containing hazardous substances |
| 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 |
| 19 11 07* | wastes from flue-gas cleaning |
| **19 12** | **wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified** |
| 19 12 06* | wood containing hazardous substances |
| **19 13** | **wastes from soil and groundwater remediation** |
| 19 13 01* | solid wastes from soil remediation containing hazardous substances |
| 19 13 03* | sludges from soil remediation containing hazardous substances |
| 19 13 05* | sludges from groundwater remediation containing hazardous substances |
| 19 13 07* | aqueous liquid wastes and aqueous concentrates from groundwater remediation containing hazardous substances |
| **20** | **MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS** |
| **20 01** | **separately collected fractions (except 15 01)** |
| 20 01 13* | solvents |
| 20 01 14* | acids |
| 20 01 15* | alkalines |
| 20 01 17* | photochemicals |
| 20 01 19* | pesticides |
| 20 01 21* | fluorescent tubes and other mercury-containing waste |

| Table S2.7 Permitted waste types and quantities for storage and repackaging of hazardous waste. (Activities AR10 and AR11) | |
|---|---|
| **Maximum quantity** | The total quantity of hazardous wastes accepted at the site shall not exceed 170,410 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 20 01 23* | discarded equipment containing chlorofluorocarbons |
| 20 01 26* | oil and fat other than those mentioned in 20 01 25 |
| 20 01 27* | paint, inks, adhesives and resins containing hazardous substances |
| 20 01 29* | detergents containing hazardous substances |
| 20 01 31* | cytotoxic and cytostatic medicines |
| 20 01 33* | batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries |
| 20 01 35* | discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components |
| 20 01 37* | wood containing hazardous substances |

| Table S2.8 Permitted waste types and quantities for storage, repackaging and treatment of non-hazardous waste. (Activities AR22, AR24, AR25 and AR26) | |
|---|---|
| **Maximum quantity** | The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **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 03** | **wastes from mineral excavation** |
| 01 03 06 | tailings other than those mentioned in 01 03 04 and 01 03 05 |
| 01 03 08 | dusty and powdery wastes other than those mentioned in 01 03 07 |
| 01 03 09 | red mud from alumina production other than the wastes mentioned in 01 03 10 |
| **01 04** | **wastes from physical and chemical processing of non-metalliferous minerals** |
| 01 04 08 | waste gravel and crushed rocks other than those mentioned in 01 04 07 |
| 01 04 09 | waste sand and clays |
| 01 04 10 | dusty and powdery wastes other than those mentioned in 01 04 07 |
| 01 04 11 | wastes from potash and rock salt processing other than those mentioned in 01 04 07 |
| 01 04 12 | tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11 |
| 01 04 13 | wastes from stone cutting and sawing other than those mentioned in 01 04 07 |
| **01 05** | **drilling muds and other drilling wastes** |
| 01 05 04 | freshwater drilling muds and wastes |

| Table S2.8 Permitted waste types and quantities for storage, repackaging and treatment of non-hazardous waste.<br>(Activities AR22, AR24, AR25 and AR26) | |
|---|---|
| **Maximum quantity** | The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 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 04 | waste plastics (except packaging) |
| 02 01 09 | agrochemical waste other than those mentioned in 02 01 08 |
| 02 01 10 | waste metal |
| **02 03** | **wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing, conserve production, yeast and yeast extract production, molasses preparation and fermentation** |
| 02 03 01 | sludges from washing, cleaning, peeling, centrifuging and separation |
| 02 03 02 | wastes from preserving agents |
| 02 03 03 | wastes from solvent extraction |
| 02 03 04 | materials unsuitable for consumption or processing |
| 02 03 05 | sludges from on-site effluent treatment |
| **02 04** | **wastes from sugar processing** |
| 02 04 01 | soil from cleaning and washing beet |
| 02 04 02 | off-specification calcium carbonate |
| 02 04 03 | sludges from on-site effluent treatment |
| **02 05** | **wastes from the dairy products industry** |
| 02 05 01 | materials unsuitable for consumption or processing |
| 02 05 02 | sludges from on-site effluent treatment |
| **02 06** | **wastes from the baking and confectionery industry** |
| 02 06 01 | materials unsuitable for consumption or processing |
| 02 06 02 | wastes from preserving agents |
| 02 06 03 | sludges from on-site effluent treatment |
| **02 07** | **wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)** |
| 02 07 01 | wastes from washing, cleaning and mechanical reduction of raw materials |
| 02 07 02 | wastes from spirits distillation |
| 02 07 03 | wastes from chemical treatment |

| Table S2.8 Permitted waste types and quantities for storage, repackaging and treatment of non-hazardous waste.<br>(Activities AR22, AR24, AR25 and AR26) | |
|---|---|
| **Maximum quantity** | The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 02 07 04 | materials unsuitable for consumption or processing |
| 02 07 05 | sludges from on-site effluent treatment |
| **03** | **WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD** |
| **03 01** | **wastes from wood processing and the production of panels and furniture** |
| 03 01 01 | waste bark and cork |
| 03 01 05 | sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04 |
| **03 02** | **wastes from wood preservation** |
| 03 02 99 | wood preservatives not otherwise specified |
| **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 02 | liming waste |
| 04 01 04 | tanning liquor containing chromium |
| 04 01 05 | tanning liquor free of chromium |
| 04 01 06 | sludges, in particular from on-site effluent treatment containing chromium |
| 04 01 07 | sludges, in particular from on-site effluent treatment free of chromium |
| 04 01 08 | waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium |
| 04 01 09 | wastes from dressing and finishing |
| **04 02** | **wastes from the textile industry** |
| 04 02 09 | wastes from composite materials (impregnated textile, elastomer, plastomer) |
| 04 02 10 | organic matter from natural products (for example grease, wax) |
| 04 02 15 | wastes from finishing other than those mentioned in 04 02 14 |
| 04 02 17 | dyestuffs and pigments other than those mentioned in 04 02 16 |
| 04 02 20 | sludges from on-site effluent treatment other than those mentioned in 04 02 19 |

| Table S2.8 Permitted waste types and quantities for storage, repackaging and treatment of non-hazardous waste.<br>(Activities AR22, AR24, AR25 and AR26) | |
|---|---|
| **Maximum quantity** | The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 04 02 21 | wastes from unprocessed textile fibres |
| 04 02 22 | wastes from processed textile fibres |
| **05** | **WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL** |
| **05 01** | **wastes from petroleum refining** |
| 05 01 10 | sludges from on-site effluent treatment other than those mentioned in 05 01 09 |
| 05 01 13 | boiler feedwater sludges |
| 05 01 14 | wastes from cooling columns |
| 05 01 16 | sulphur-containing wastes from petroleum desulphurisation |
| 05 01 17 | bitumen |
| **05 06** | **wastes from the pyrolytic treatment of coal** |
| 05 06 04 | waste from cooling columns |
| **05 07** | **wastes from natural gas purification and transportation** |
| 05 07 02 | wastes containing sulphur |
| 05 07 99 | wastes not otherwise specified |
| **06** | **WASTES FROM INORGANIC CHEMICAL PROCESSES** |
| **06 03** | **wastes from the MFSU of salts and their solutions and metallic oxides** |
| 06 03 14 | solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13 |
| 06 03 16 | metallic oxides other than those mentioned in 06 03 15 |
| **06 05** | **sludges from on-site effluent treatment** |
| 06 05 03 | sludges from on-site effluent treatment other than those mentioned in 06 05 02 |
| **06 06** | **wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes** |
| 06 06 03 | wastes containing sulphides other than those mentioned in 06 06 02 |
| **06 09** | **wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes** |
| 06 09 02 | phosphorous slag |
| 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 99 | wastes not otherwise specified |
| **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 03 | carbon black |
| **07** | **WASTES FROM ORGANIC CHEMICAL PROCESSES** |

| Table S2.8 Permitted waste types and quantities for storage, repackaging and treatment of non-hazardous waste.<br>(Activities AR22, AR24, AR25 and AR26) | |
|---|---|
| **Maximum quantity** | The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| **07 01** | **wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals** |
| 07 01 12 | sludges from on-site effluent treatment other than those mentioned in 07 01 11 |
| **07 02** | **wastes from the MFSU of plastics, synthetic rubber and man-made fibres** |
| 07 02 12 | sludges from on-site effluent treatment other than those mentioned in 07 02 11 |
| 07 02 13 | waste plastic |
| 07 02 15 | wastes from additives other than those mentioned in 07 02 14 |
| 07 02 17 | wastes containing silicones other than those mentioned in 07 02 16 |
| **07 03** | **wastes from the MFSU of organic dyes and pigments (except 06 11)** |
| 07 03 12 | sludges from on-site effluent treatment other than those mentioned in 07 03 11 |
| **07 04** | **wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides** |
| 07 04 12 | sludges from on-site effluent treatment other than those mentioned in 07 04 11 |
| **07 05** | **wastes from the MFSU of pharmaceuticals** |
| 07 05 12 | sludges from on-site effluent treatment other than those mentioned in 07 05 11 |
| 07 05 14 | solid wastes other than those mentioned in 07 05 13 |
| **07 06** | **wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics** |
| 07 06 12 | sludges from on-site effluent treatment other than those mentioned in 07 06 11 |
| **07 07** | **wastes from the MFSU of fine chemicals and chemical products not otherwise specified** |
| 07 07 12 | sludges from on-site effluent treatment other than those mentioned in 07 07 11 |
| **08** | **WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS** |
| **08 01** | **wastes from MFSU and removal of paint and varnish** |
| 08 01 12 | waste paint and varnish other than those mentioned in 08 01 11 |
| 08 01 14 | sludges from paint or varnish other than those mentioned in 08 01 13 |
| 08 01 16 | aqueous sludges containing paint or varnish other than those mentioned in 08 01 15 |
| 08 01 18 | wastes from paint or varnish removal other than those mentioned in 08 01 17 |
| 08 01 20 | aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19 |
| **08 02** | **wastes from MFSU of other coatings (including ceramic materials)** |
| 08 02 01 | waste coating powders |
| 08 02 02 | aqueous sludges containing ceramic materials |
| 08 02 03 | aqueous suspensions containing ceramic materials |
| **08 03** | **wastes from MFSU of printing inks** |

| Table S2.8 Permitted waste types and quantities for storage, repackaging and treatment of non-hazardous waste.<br>(Activities AR22, AR24, AR25 and AR26) | |
|---|---|
| **Maximum quantity** | The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 08 03 07 | aqueous sludges containing ink |
| 08 03 08 | aqueous liquid waste containing ink |
| 08 03 13 | waste ink other than those mentioned in 08 03 12 |
| 08 03 15 | ink sludges other than those mentioned in 08 03 14 |
| 08 03 18 | waste printing toner other than those mentioned in 08 03 17 |
| **08 04** | **wastes from MFSU of adhesives and sealants (including waterproofing products)** |
| 08 04 10 | waste adhesives and sealants other than those mentioned in 08 04 09 |
| 08 04 12 | adhesive and sealant sludges other than those mentioned in 08 04 11 |
| 08 04 14 | aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13 |
| 08 04 16 | aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15 |
| **09** | **WASTES FROM THE PHOTOGRAPHIC INDUSTRY** |
| **09 01** | **wastes from the photographic industry** |
| 09 01 07 | photographic film and paper containing silver or silver compounds |
| 09 01 08 | photographic film and paper free of silver or silver compounds |
| 09 01 10 | single-use cameras without batteries |
| 09 01 12 | single-use cameras containing batteries other than those mentioned in 09 01 11 |
| **10** | **WASTES FROM THERMAL PROCESSES** |
| **10 01** | **wastes from power stations and other combustion plants (except 19)** |
| 10 01 01 | bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04) |
| 10 01 02 | coal fly ash |
| 10 01 03 | fly ash from peat and untreated wood |
| 10 01 05 | calcium-based reaction wastes from flue-gas desulphurisation in solid form |
| 10 01 07 | calcium-based reaction wastes from flue-gas desulphurisation in sludge form |
| 10 01 15 | bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14 |
| 10 01 17 | fly ash from co-incineration other than those mentioned in 10 01 16 |
| 10 01 19 | wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18 |
| 10 01 21 | sludges from on-site effluent treatment other than those mentioned in 10 01 20 |
| 10 01 23 | aqueous sludges from boiler cleansing other than those mentioned in 10 01 22 |
| 10 01 24 | sands from fluidised beds |
| 10 01 25 | wastes from fuel storage and preparation of coal-fired power plants |
| 10 01 26 | wastes from cooling-water treatment |

| Table S2.8 Permitted waste types and quantities for storage, repackaging and treatment of non-hazardous waste.<br>(Activities AR22, AR24, AR25 and AR26) | |
|---|---|
| **Maximum quantity** | The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| **10 02** | **wastes from the iron and steel industry** |
| 10 02 01 | wastes from the processing of slag |
| 10 02 02 | unprocessed slag |
| 10 02 08 | solid wastes from gas treatment other than those mentioned in 10 02 07 |
| 10 02 10 | mill scales |
| 10 02 12 | wastes from cooling-water treatment other than those mentioned in 10 02 11 |
| 10 02 14 | sludges and filter cakes from gas treatment other than those mentioned in 10 02 13 |
| 10 02 15 | other sludges and filter cakes |
| **10 03** | **wastes from aluminium thermal metallurgy** |
| 10 03 02 | anode scraps |
| 10 03 05 | waste alumina |
| 10 03 16 | skimmings other than those mentioned in 10 03 15 |
| 10 03 18 | carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17 |
| 10 03 20 | flue-gas dust other than those mentioned in 10 03 19 |
| 10 03 22 | other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21 |
| 10 03 24 | solid wastes from gas treatment other than those mentioned in 10 03 23 |
| 10 03 26 | sludges and filter cakes from gas treatment other than those mentioned in 10 03 25 |
| 10 03 28 | wastes from cooling-water treatment other than those mentioned in 10 03 27 |
| 10 03 30 | wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29 |
| **10 04** | **wastes from lead thermal metallurgy** |
| 10 04 10 | wastes from cooling-water treatment other than those mentioned in 10 04 09 |
| **10 05** | **wastes from zinc thermal metallurgy** |
| 10 05 01 | slags from primary and secondary production |
| 10 05 04 | other particulates and dust |
| 10 05 09 | wastes from cooling-water treatment other than those mentioned in 10 05 08 |
| 10 05 11 | dross and skimmings other than those mentioned in 10 05 10 |
| **10 06** | **wastes from copper thermal metallurgy** |
| 10 06 01 | slags from primary and secondary production |
| 10 06 02 | dross and skimmings from primary and secondary production |
| 10 06 04 | other particulates and dust |
| 10 06 10 | wastes from cooling-water treatment other than those mentioned in 10 06 09 |
| **10 07** | **wastes from silver, gold and platinum thermal metallurgy** |

| Table S2.8 Permitted waste types and quantities for storage, repackaging and treatment of non-hazardous waste.<br>(Activities AR22, AR24, AR25 and AR26) | |
|---|---|
| **Maximum quantity** | The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 10 07 01 | slags from primary and secondary production |
| 10 07 02 | dross and skimmings from primary and secondary production |
| 10 07 03 | solid wastes from gas treatment |
| 10 07 04 | other particulates and dust |
| 10 07 05 | sludges and filter cakes from gas treatment |
| 10 07 08 | wastes from cooling-water treatment other than those mentioned in 10 07 07 |
| **10 08** | **wastes from other non-ferrous thermal metallurgy** |
| 10 08 04 | particulates and dust |
| 10 08 09 | other slags |
| 10 08 11 | dross and skimmings other than those mentioned in 10 08 10 |
| 10 08 13 | carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12 |
| 10 08 14 | anode scrap |
| 10 08 16 | flue-gas dust other than those mentioned in 10 08 15 |
| 10 08 18 | sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17 |
| 10 08 20 | wastes from cooling-water treatment other than those mentioned in 10 08 19 |
| **10 09** | **wastes from casting of ferrous pieces** |
| 10 09 03 | furnace slag |
| 10 09 06 | casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05 |
| 10 09 08 | casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07 |
| 10 09 10 | flue-gas dust other than those mentioned in 10 09 09 |
| 10 09 12 | other particulates other than those mentioned in 10 09 11 |
| 10 09 14 | waste binders other than those mentioned in 10 09 13 |
| 10 09 16 | waste crack-indicating agent other than those mentioned in 10 09 15 |
| **10 10** | **wastes from casting of non-ferrous pieces** |
| 10 10 03 | furnace slag |
| 10 10 06 | casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05 |
| 10 10 08 | casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07 |
| 10 10 10 | flue-gas dust other than those mentioned in 10 10 09 |
| 10 10 12 | other particulates other than those mentioned in 10 10 11 |
| 10 10 14 | waste binders other than those mentioned in 10 10 13 |

| Table S2.8 Permitted waste types and quantities for storage, repackaging and treatment of non-hazardous waste.<br>(Activities AR22, AR24, AR25 and AR26) | |
|---|---|
| **Maximum quantity** | The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **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 10 | waste preparation mixture before thermal processing, other than those mentioned in 10 11 09 |
| 10 11 12 | waste glass other than those mentioned in 10 11 11 |
| 10 11 14 | glass-polishing and -grinding sludge other than those mentioned in 10 11 13 |
| 10 11 16 | solid wastes from flue-gas treatment other than those mentioned in 10 11 15 |
| 10 11 18 | sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17 |
| 10 11 20 | solid wastes from on-site effluent treatment other than those mentioned in 10 11 19 |
| **10 12** | **wastes from manufacture of ceramic goods, bricks, tiles and construction products** |
| 10 12 01 | waste preparation mixture before thermal processing |
| 10 12 03 | particulates and dust |
| 10 12 05 | sludges and filter cakes from gas treatment |
| 10 12 06 | discarded moulds |
| 10 12 08 | waste ceramics, bricks, tiles and construction products (after thermal processing) |
| 10 12 10 | solid wastes from gas treatment other than those mentioned in 10 12 09 |
| 10 12 12 | wastes from glazing other than those mentioned in 10 12 11 |
| 10 12 13 | sludge from on-site effluent treatment |
| **10 13** | **wastes from manufacture of cement, lime and plaster and articles and products made from them** |
| 10 13 01 | waste preparation mixture before thermal processing |
| 10 13 04 | wastes from calcination and hydration of lime |
| 10 13 06 | particulates and dust (except 10 13 12 and 10 13 13) |
| 10 13 07 | sludges and filter cakes from gas treatment |
| 10 13 10 | wastes from asbestos-cement manufacture other than those mentioned in 10 13 09 |
| 10 13 11 | wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10 |
| 10 13 13 | solid wastes from gas treatment other than those mentioned in 10 13 12 |
| 10 13 14 | waste concrete and concrete sludge |
| **11** | **WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS, NON-FERROUS HYDRO-METALLURGY** |

| Table S2.8 Permitted waste types and quantities for storage, repackaging and treatment of non-hazardous waste.<br>(Activities AR22, AR24, AR25 and AR26) | |
|---|---|
| **Maximum quantity** | The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| **11 01** | **wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing, anodising)** |
| 11 01 10 | sludges and filter cakes other than those mentioned in 11 01 09 |
| 11 01 12 | aqueous rinsing liquids other than those mentioned in 11 01 11 |
| 11 01 14 | degreasing wastes other than those mentioned in 11 01 13 |
| **11 02** | **wastes from non-ferrous hydrometallurgical processes** |
| 11 02 03 | wastes from the production of anodes for aqueous electrolytical processes |
| 11 02 06 | wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05 |
| **11 05** | **wastes from hot galvanising processes** |
| 11 05 01 | hard zinc |
| 11 05 02 | zinc ash |
| **12** | **WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS** |
| **12 01** | **wastes from shaping and physical and mechanical surface treatment of metals and plastics** |
| 12 01 01 | ferrous metal filings and turnings |
| 12 01 02 | ferrous metal dust and particles |
| 12 01 03 | non-ferrous metal filings and turnings |
| 12 01 04 | non-ferrous metal dust and particles |
| 12 01 05 | plastics shavings and turnings |
| 12 01 13 | welding wastes |
| 12 01 15 | machining sludges other than those mentioned in 12 01 14 |
| 12 01 17 | waste blasting material other than those mentioned in 12 01 16 |
| 12 01 21 | spent grinding bodies and grinding materials other than those mentioned in 12 01 20 |
| **15** | **WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED** |
| **15 01** | **packaging (including separately collected municipal packaging waste)** |
| 15 01 01 | paper and cardboard packaging |
| 15 01 02 | plastic packaging |
| 15 01 03 | wooden packaging |
| 15 01 04 | metallic packaging |
| 15 01 05 | composite packaging |
| 15 01 06 | mixed packaging |
| 15 01 07 | glass packaging |

| Table S2.8 Permitted waste types and quantities for storage, repackaging and treatment of non-hazardous waste.<br>(Activities AR22, AR24, AR25 and AR26) | |
|---|---|
| **Maximum quantity** | The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 15 01 09 | textile packaging |
| **15 02** | **absorbents, filter materials, wiping cloths and protective clothing** |
| 15 02 03 | absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02 |
| **16** | **WASTES NOT OTHERWISE SPECIFIED IN THE LIST** |
| **16 01** | **end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)** |
| 16 01 03 | end-of-life tyres |
| 16 01 12 | brake pads other than those mentioned in 16 01 11 |
| 16 01 15 | antifreeze fluids other than those mentioned in 16 01 14 |
| 16 01 16 | tanks for liquefied gas |
| 16 01 17 | ferrous metal |
| 16 01 18 | non-ferrous metal |
| 16 01 19 | plastic |
| 16 01 20 | glass |
| 16 01 22 | components not otherwise specified |
| **16 02** | **wastes from electrical and electronic equipment** |
| 16 02 14 | discarded equipment other than those mentioned in 16 02 09 to 16 02 13 |
| 16 02 16 | components removed from discarded equipment other than those mentioned in 16 02 15 |
| **16 03** | **off-specification batches and unused products** |
| 16 03 04 | inorganic wastes other than those mentioned in 16 03 03 |
| 16 03 06 | organic wastes other than those mentioned in 16 03 05 |
| **16 05** | **gases in pressure containers and discarded chemicals** |
| 16 05 05 | gases in pressure containers other than those mentioned in 16 05 04 |
| 16 05 09 | discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08 |
| **16 06** | **batteries and accumulators** |
| 16 06 04 | alkaline batteries (except 16 06 03) |
| 16 06 05 | other batteries and accumulators |
| **16 07** | **wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)** |
| 16 07 99 | wastes not otherwise specified |
| **16 08** | **spent catalysts** |
| 16 08 01 | spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07) |

| Table S2.8 Permitted waste types and quantities for storage, repackaging and treatment of non-hazardous waste.<br>(Activities AR22, AR24, AR25 and AR26) | |
|---|---|
| **Maximum quantity** | The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 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 10** | **aqueous liquid wastes destined for off-site treatment** |
| 16 10 02 | aqueous liquid wastes other than those mentioned in 16 10 01 |
| 16 10 04 | aqueous concentrates other than those mentioned in 16 10 03 |
| **16 11** | **waste linings and refractories** |
| 16 11 02 | carbon-based linings and refractories from metallurgical processes other than those mentioned in 16 11 01 |
| 16 11 04 | other linings and refractories from metallurgical processes other than those mentioned in 16 11 03 |
| 16 11 06 | linings and refractories from non-metallurgical processes other 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 01 | concrete |
| 17 01 02 | bricks |
| 17 01 03 | tiles and ceramics |
| 17 01 07 | mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06 |
| **17 02** | **wood, glass and plastic** |
| 17 02 01 | wood |
| 17 02 02 | glass |
| 17 02 03 | plastic |
| **17 03** | **bituminous mixtures, coal tar and tarred products** |
| 17 03 02 | bituminous mixtures other than those mentioned in 17 03 01 |
| **17 04** | **metals (including their alloys)** |
| 17 04 01 | copper, bronze, brass |
| 17 04 02 | aluminium |
| 17 04 03 | lead |
| 17 04 04 | zinc |
| 17 04 05 | iron and steel |
| 17 04 06 | tin |
| 17 04 07 | mixed metals |
| 17 04 11 | cables other than those mentioned in 17 04 10 |

| Table S2.8 Permitted waste types and quantities for storage, repackaging and treatment of non-hazardous waste.<br>(Activities AR22, AR24, AR25 and AR26) | |
|---|---|
| **Maximum quantity** | The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| **17 05** | **soil (including excavated soil from contaminated sites), stones and dredging spoil** |
| 17 05 04 | soil and stones other than those mentioned in 17 05 03 |
| 17 05 06 | dredging spoil other than those mentioned in 17 05 05 |
| 17 05 08 | track ballast other than those mentioned in 17 05 07 |
| **17 06** | **insulation materials and asbestos-containing construction materials** |
| 17 06 04 | insulation materials other than those mentioned in 17 06 01 and 17 06 03 |
| **17 08** | **gypsum-based construction material** |
| 17 08 02 | gypsum-based construction materials other than those mentioned in 17 08 01 |
| **17 09** | **other construction and demolition wastes** |
| 17 09 04 | mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 |
| **18** | **WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)** |
| **18 01** | **wastes from natal care, diagnosis, treatment or prevention of disease in humans** |
| 18 01 07 | chemicals other than those mentioned in 18 01 06 |
| 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 06 | chemicals other than those mentioned in 18 02 05 |
| 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 02 | ferrous materials removed from bottom ash |
| 19 01 12 | bottom ash and slag other than those mentioned in 19 01 11 |
| 19 01 14 | fly ash other than those mentioned in 19 01 13 |
| 19 01 16 | boiler dust other than those mentioned in 19 01 15 |
| 19 01 18 | pyrolysis wastes other than those mentioned in 19 01 17 |
| 19 01 19 | sands from fluidised beds |
| **19 02** | **wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)** |
| 19 02 03 | premixed wastes composed only of non-hazardous wastes |
| 19 02 06 | sludges from physico/chemical treatment other than those mentioned in 19 02 05 |

| Table S2.8 Permitted waste types and quantities for storage, repackaging and treatment of non-hazardous waste.<br>(Activities AR22, AR24, AR25 and AR26) | |
|---|---|
| **Maximum quantity** | The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 19 02 10 | combustible wastes other than those mentioned in 19 02 08 and 19 02 09 |
| **19 03** | **stabilised/solidified wastes** |
| 19 03 05 | stabilised wastes other than those mentioned in 19 03 04 |
| 19 03 07 | solidified wastes other than those mentioned in 19 03 06 |
| **19 04** | **vitrified waste and wastes from vitrification** |
| 19 04 01 | vitrified waste |
| 19 04 04 | aqueous liquid wastes from vitrified waste tempering |
| **19 05** | **wastes from aerobic treatment of solid wastes** |
| 19 05 03 | off-specification compost |
| **19 07** | **landfill leachate** |
| 19 07 03 | landfill leachate other than those mentioned in 19 07 02 |
| **19 08** | **wastes from waste water treatment plants not otherwise specified** |
| 19 08 01 | screenings |
| 19 08 02 | waste from desanding |
| 19 08 05 | sludges from treatment of urban waste water |
| 19 08 09 | grease and oil mixture from oil/water separation containing only edible oil and fats |
| 19 08 12 | sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11 |
| 19 08 14 | sludges from other treatment of industrial waste water other than those mentioned in 19 08 13 |
| **19 09** | **wastes from the preparation of water intended for human consumption or water for industrial use** |
| 19 09 01 | solid waste from primary filtration and screenings |
| 19 09 02 | sludges from water clarification |
| 19 09 03 | sludges from decarbonation |
| 19 09 04 | spent activated carbon |
| 19 09 05 | saturated or spent ion exchange resins |
| 19 09 06 | solutions and sludges from regeneration of ion exchangers |
| **19 10** | **wastes from shredding of metal-containing wastes** |
| 19 10 01 | iron and steel waste |
| 19 10 02 | non-ferrous waste |
| 19 10 04 | fluff-light fraction and dust other than those mentioned in 19 10 03 |
| 19 10 06 | other fractions other than those mentioned in 19 10 05 |
| **19 11** | **wastes from oil regeneration** |
| 19 11 06 | sludges from on-site effluent treatment other than those mentioned in 19 11 05 |

| Table S2.8 Permitted waste types and quantities for storage, repackaging and treatment of non-hazardous waste.<br>(Activities AR22, AR24, AR25 and AR26) | |
|---|---|
| **Maximum quantity** | The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| **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 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 13** | **wastes from soil and groundwater remediation** |
| 19 13 02 | solid wastes from soil remediation other than those mentioned in 19 13 01 |
| 19 13 04 | sludges from soil remediation other than those mentioned in 19 13 03 |
| 19 13 06 | sludges from groundwater remediation other than those mentioned in 19 13 05 |
| 19 13 08 | aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07 |
| **20** | **MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS** |
| **20 01** | **separately collected fractions (except 15 01)** |
| 20 01 01 | paper and cardboard |
| 20 01 02 | glass |
| 20 01 08 | biodegradable kitchen and canteen waste<br>(not to be depackaged onsite and to remain in the original packaging prior to onwards transfer) |
| 20 01 10 | clothes |
| 20 01 11 | textiles |
| 20 01 25 | edible oil and fat |
| 20 01 28 | paint, inks, adhesives and resins other than those mentioned in 20 01 27 |
| 20 01 30 | detergents other than those mentioned in 20 01 29 |
| 20 01 32 | medicines other than those mentioned in 20 01 31 |
| 20 01 34 | batteries and accumulators other than those mentioned in 20 01 33 |
| 20 01 36 | discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |
| 20 01 38 | wood other than that mentioned in 20 01 37 |
| 20 01 39 | plastics |

| Table S2.8 Permitted waste types and quantities for storage, repackaging and treatment of non-hazardous waste.<br>(Activities AR22, AR24, AR25 and AR26) | |
|---|---|
| **Maximum quantity** | The total quantity of non-hazardous wastes accepted at the site shall not exceed 68,000 tonnes per year in aggregate. |
| **Exclusions** | None. |
| **Waste code** | **Description** |
| 20 01 40 | metals |
| 20 01 41 | wastes from chimney sweeping |
| **20 02** | **garden and park wastes (including cemetery waste)** |
| 20 02 01 | biodegradable waste |
| 20 02 02 | soil and stones |
| 20 02 03 | other non-biodegradable wastes |
| **20 03** | **other municipal wastes** |
| 20 03 01 | mixed municipal waste |
| 20 03 02 | waste from markets |
| 20 03 03 | street-cleaning residues |
| 20 03 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** | **Source** | **Parameter (Note 1)** | **Limit (incl. unit)** | **Reference Period (Note 2)** | **Monitoring frequency (Note 5 and 6)** | **Monitoring standard or method** |
| A1 Emission control system exhaust as shown on the plan in Schedule 7. | Main combined abatement system serving storage and treatment tanks - treatment of water-based liquid waste. | Total Volatile Organic Compounds (TVOCs) (Note 4) | 20 $mg/m^3$ (Note 3 and 4) | Average value of 3 consecutive measurements of at least 30 minutes each. | Every 6 months | EN 12619 |
| | | Hydrogen Chloride (HCl) (Note 4) | 5 $mg/m^3$ (Note 4) | Average value of 3 consecutive measurements of at least 30 minutes each. | Every 6 months | EN 1911 |
| | | Ammonia ($NH_3$) (Note 4) | No limit set (Note 4) | Average value of 3 consecutive measurements of at least 30 minutes each. | Every 6 months | EN ISO 21877 |
| A2 Emission control system exhaust as shown on the plan in Schedule 7. | Ammonia scrubber abatement system serving ammonia stripping process - treatment of water-based liquid waste. | Total Volatile Organic Compounds (TVOCs) (Note 4) | 20 $mg/m^3$ (Note 3 and 4) | Average value of 3 consecutive measurements of at least 30 minutes each. | Every 6 months | EN 12619 |
| | | Hydrogen Chloride (HCl) (Note 4) | 5 $mg/m^3$ (Note 4) | Average value of 3 consecutive measurements of at least 30 minutes each. | Every 6 months | EN 1911 |
| | | Ammonia ($NH_3$) (Note 4) | No limit set (Note 4) | Average value of 3 consecutive measurements of at least 30 minutes each. | Every 6 months | EN ISO 21877 |
| A3 Emission control system exhaust as shown on the plan in Schedule 7. | Carbon filter abatement system serving VOC stripping process - treatment of water-based liquid waste. | Total Volatile Organic Compounds (TVOCs) (Note 4) | 20 $mg/m^3$ (Note 3 and 4) | Average value of 3 consecutive measurements of at least 30 minutes each. | Every 6 months | EN 12619 |
| | | Hydrogen Chloride (HCl) (Note 4) | 5 $mg/m^3$ (Note 4) | Average value of 3 consecutive measurements of at least 30 minutes each. | Every 6 months | EN 1911 |
| | | Ammonia ($NH_3$) (Note 4) | No limit set (Note 4) | Average value of 3 consecutive measurements | Every 6 months | EN ISO 21877 |

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Source** | **Parameter (Note 1)** | **Limit (incl. unit)** | **Reference Period (Note 2)** | **Monitoring frequency (Note 5 and 6)** | **Monitoring standard or method** |
| | | | | of at least 30 minutes each. | | |
| A4 Emission point A4 as shown on the plan in Schedule 7. | Dust filter abatement serving the consolidation unit. | No parameter set | No limit set | -- | -- | As specified in Table S3.3 |
| A5 Emission point A5 as shown on the plan in Schedule 7. | Diesel fired boiler with a 1.2MW thermal input which is an existing MCP. | Oxides of Nitrogen (NO and $NO_2$ expressed as $NO_2$) | 200 $mg/m^3$ Limit applies from 01/01/30 | Periodic | Every 3 years from date of acceptance of first monitoring measurements under condition 3.1.6 | MCERTS BS EN 14792 |
| | | Carbon Monoxide (CO) | No limit set | Periodic | Every 3 years from date of acceptance of first monitoring measurements under condition 3.1.6 | MCERTS BS EN 15058 |
| A6 Emission point A6 as shown on the plan in Schedule 7. | Heated catalytic bed of the Nitrous Oxide Destruction unit. | No parameter set | No limit set | -- | -- | As specified in Table S3.3 |
| A7 Emission point A7 as shown on the plan in Schedule 7. | Local exhaust ventilation (LEV) from solvent shed used for repackaging or washing of volatile hazardous containers via carbon filter abatement. | No parameter set | No limit set | -- | -- | As specified in Table S3.3 |

Note 1: In addition the operator shall also monitor for relevant waste gas parameters as required: flow, temperature, average concentration/load values of relevant substances (e.g. organic compounds, POPs such as PCBs) flammability, lower and upper explosive limits, reactivity and other substances which may affect gas treatment or plant safety (e.g. oxygen, nitrogen, water vapour, dust).

Note 2: To the extent possible, the measurements shall be carried out at the highest expected emission state under normal operating conditions.

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Source** | **Parameter (Note 1)** | **Limit (incl. unit)** | **Reference Period (Note 2)** | **Monitoring frequency (Note 5 and 6)** | **Monitoring standard or method** |
| Note 3: The limit is 45 mg/m$^3$ where the emission load is <0.5kg/hr.<br>Note 4: This monitoring requirement and limit only applies when the substance is present in the waste gas stream.<br>Note 5: An alternative monitoring frequency may be agreed in writing with Environment Agency following completion of IC19.<br>Note 6: Monitoring frequencies may be reduced with the written agreement of the Environment Agency if emission levels are proven to be sufficiently stable. | | | | | | |

| Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Source** | **Parameter (Note 1)** | **Limit (incl. unit) (Note 6)** | **Reference period (Note 2)** | **Monitoring frequency (Note 4 and 5)** | **Monitoring standard or method** |
| S1<br>Emission point S1 on site plan in schedule 7 emission to Severn Trent Ray Hall and Minworth Wastewater Treatment Works. | Discharge of aqueous effluent to sewer from treatment process via an onsite interceptor – treatment of water-based liquid waste. | Arsenic (expressed as As) (Note 3 and 7) | 0.1 mg/l | -- | Daily | EN ISO 11885<br>EN ISO 17294-2<br>EN ISO 15586 |
| | | Cadmium (expressed as Cd) (Note 3 and 7) | 0.1 mg/l | -- | Daily | EN ISO 11885<br>EN ISO 17294-2<br>EN ISO 15586 |
| | | Chromium (expressed as Cr) (Note 3 and 7) | 0.3 mg/l | -- | Daily | EN ISO 11885<br>EN ISO 17294-2<br>EN ISO 15586 |
| | | Hexavalent chromium (expressed as Cr (VI)) (Note 3 and 7) | 0.1 mg/l | -- | Daily | EN ISO 10304-3<br>EN ISO 23913 |
| | | Copper (expressed as Cu) (Note 3 and 7) | 0.5 mg/l | -- | Daily | EN ISO 11885<br>EN ISO 17294-2<br>EN ISO 15586 |
| | | Lead (expressed as Pb) (Note 3 and 7) | 0.3 mg/l | -- | Daily | EN ISO 11885<br>EN ISO 17294-2<br>EN ISO 15586 |
| | | Manganese (Note 3) | No limit set | -- | Daily | EN ISO 11885<br>EN ISO 17294-2 |

| Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Source** | **Parameter (Note 1)** | **Limit (incl. unit) (Note 6)** | **Reference period (Note 2)** | **Monitoring frequency (Note 4 and 5)** | **Monitoring standard or method** |
| | | | | | | EN ISO 15586 |
| | | Mercury (expressed as Hg) (Note 3 and 7) | 10 µg/l | -- | Daily | BS EN 12846<br>BS EN ISO 17852 |
| | | Nickel (expressed as Ni) (Note 3 and 7) | 1 mg/l | -- | Daily | EN ISO 11885<br>EN ISO 17294-2<br>EN ISO 15586 |
| | | Zinc (Note 3 and 7) | 2 mg/l | -- | Daily | EN ISO 11885<br>EN ISO 17294-2<br>EN ISO 15586 |
| | | Hydrocarbon oil index (HOI) (Note 7) | 10 mg/l | -- | Daily | EN IS0 9377-2 |
| | | Free cyanide ($CN^-$) (Note 3 and 7) | 0.1 mg/l | -- | Daily | EN ISO 14403-1<br>EN ISO 14403-2 |
| | | Adsorbable organically bound halogens (AOX) (Note 3 and 7) | 1 mg/l | -- | Daily | EN ISO 9562 |
| | | Benzene, toluene, ethylbenzene, xylene (BTEX) (Note 3 and 7) | No limit set | -- | Monthly | EN ISO 15680 |
| | | PFOA (Note 3) | No limit set | -- | Every 6 months | BS ISO 25101<br>Inhouse method accredited by UKAS |
| | | PFOS (Note 3) | No limit set | -- | Every 6 months | BS ISO 25101<br>Inhouse method accredited by UKAS |
| Note 1: In addition, the operator shall monitor for relevant wastewater parameters as required for example flow, pH, temperature, conductivity, BOD.<br>Note 2: Relevant reference period: | | | | | | |

| Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Source** | **Parameter (Note 1)** | **Limit (incl. unit) (Note 6)** | **Reference period (Note 2)** | **Monitoring frequency (Note 4 and 5)** | **Monitoring standard or method** |

- In the case of continuous discharge, daily average values, i.e. 24-hour flow-proportional composite samples.
- In the case of batch discharge, average values over the release duration taken as flow-proportional composite samples, or, provided that the effluent is appropriately mixed and homogeneous, a spot sample taken before discharge.

Note 3: This substance is only required to be monitored where present in the wastewater emissions inventory.

Note 4: An alternative monitoring frequency may be agreed in writing with Environment Agency following completion of IC19.

Note 5: Monitoring frequencies may be reduced with the written agreement of the Environment Agency if emission levels are proven to be sufficiently stable, or in the case of a batch discharge less than the minimum monitoring frequency where monitoring is carried out once per batch.

Note 6: The BAT-AEL may not apply if the downstream wastewater treatment plant abates the pollutant concerned, provided this does not lead to a higher level of pollution of the environment. The operator may request in writing to disapply the BAT-AEL, supported by a revised H1 Assessment and confirmation from the sewerage undertaker that the wastewater treatment plant abates the pollutant concerned.

Note 7: In the case of an indirect discharge to a receiving water body, the monitoring frequency may be reduced if the downstream wastewater treatment plant abates the pollutants concerned.

| Table S3.3 Process monitoring requirements | | | | |
|---|---|---|---|---|
| **Emission point reference or source or description of point of measurement** | **Parameter** | **Monitoring frequency** | **Monitoring standard or method** | **Other Specifications** |
| Carbon filter(s) on emission point A1 from abatement system serving treatment and storage tanks. | Efficiency assessment | As specified in the agreed abatement plan. | Carbon filter(s) shall be installed, maintained, operated and replaced in accordance with the manufacturer's recommendations. | -- |
| Carbon filter(s) on emission points A3 from carbon pack serving VOC Stripper. | Efficiency assessment | Subject to agreement under pre-operational measure reference number POFD1. | Carbon filter(s) shall be installed, maintained, operated and replaced in accordance with the manufacturer's recommendations. | Subject to agreement under pre-operational measure reference number POFD1. |
| Dust filter(s) on emission points A4 from dust extraction system serving consolidation unit. | Efficiency assessment | As specified in the agreed abatement plan. | Dust filter(s) shall be installed, maintained, operated and replaced in accordance with the manufacturer's recommendations. | -- |
| Catalyst on emission point A6 from nitrous oxide destruction unit. | Efficiency assessment | As specified in the agreed abatement plan. | Catalyst shall be installed, maintained, operated and replaced in accordance with the manufacturer's recommendations. | -- |

| Table S3.3 Process monitoring requirements | | | | |
|---|---|---|---|---|
| **Emission point reference or source or description of point of measurement** | **Parameter** | **Monitoring frequency** | **Monitoring standard or method** | **Other Specifications** |
| Carbon filter(s) on emission point A7 from local exhaust ventilation serving the solvent shed. | Efficiency assessment | As specified in the agreed abatement plan. | Carbon filter(s) shall be installed, maintained, operated and replaced in accordance with the manufacturer's recommendations. | -- |
| Fugitive emissions from all sources identified in the Leak Detection and Repair (LDAR) programme. | VOCs | Annually or otherwise agreed in accordance with the LDAR programme following completion of IC21. | Sniffing method (BS EN 15446) or optical gas imaging. | Diffuse emissions from all sources identified in the Leak Detection and Repair (LDAR) programme. |

| Table S3.4 Ambient air monitoring requirements | | | | |
|---|---|---|---|---|
| **Location or description of point of measurement** | **Parameter** | **Monitoring frequency** | **Monitoring standard or method** | **Other specifications** |
| Location(s) to be agreed upon completion of IC21. | VOCs | Annually or otherwise agreed in accordance with the LDAR programme following completion of IC21. | As other specifications<br><br>BS EN15446 for sniffing method. | One or a combination of:<br>• measurement using sniffing methods - optical gas imaging, solar occultation flux or differential absorption<br>• calculation of emissions based on emission factors (validated every 2 years) by measurement<br>• mass balance using solvent input, point source emissions to air and water, solvent in process output and process residues |

# 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** | **First period begins** |
| Emissions to air<br>Parameters as required by condition 3.5.1. | A1, A2 and A3. | Every 6 months. | 1 January |
| Emissions to air (MCP)<br>Parameters as required by condition 3.5.1. | A5. | Every 3 years from date of acceptance of first monitoring measurements under condition 3.5.4. | 1 January |
| Emissions to sewer<br>Parameters as required by condition 3.5.1 | S1. | Annually. | 1 January |
| Process monitoring<br>Parameters as required by condition 3.5.1 | As agreed in writing by the Environment Agency. | Annually, or as agreed in writing by the Environment Agency. | 1 January |
| Ambient air monitoring<br>Parameters as required by condition 3.5.1 | As agreed in writing by the Environment Agency. | Annually, or as agreed in writing by the Environment Agency. | 1 January |

| **Table S4.2 Annual production/treatment** | |
|---|---|
| **Parameter** | **Units** |
| Hazardous waste treated - Recovery | tonnes |
| Hazardous waste treated - Disposal | tonnes |
| Non-hazardous waste treated - Recovery | tonnes |
| Non-hazardous waste treated - Disposal | tonnes |

| **Table S4.3 Performance parameters** | | |
|---|---|---|
| **Parameter** | **Frequency of assessment** | **Units** |
| Water usage | Annually | cubic metres |
| Energy usage | Annually | MWh |
| Total raw material used | Annually | tonnes |

| **Table S4.4 Reporting forms** | | |
|---|---|---|
| **Media/parameter** | **Reporting format** | **Date of form** |
| Emissions to air | Emissions to Air Reporting Form: version 1 or other form as agreed in writing by the Environment Agency | 08/03/2021 |

| Table S4.4 Reporting forms | | |
|---|---|---|
| **Media/parameter** | **Reporting format** | **Date of form** |
| Emissions to sewer | Emissions to Sewer Reporting Form: version 1 or other form as agreed in writing by the Environment Agency | 08/03/2021 |
| Process monitoring | Process Monitoring Reporting Form: version 1 or other form as agreed in writing by the Environment Agency | 08/03/2021 |
| Ambient air monitoring | Ambient Air Monitoring Reporting Form: version 1 or other form as agreed in writing by the Environment Agency | 08/03/2021 |
| Water usage | Water Usage Reporting Form: version 1 or other form as agreed in writing by the Environment Agency | 08/03/2021 |
| Energy usage | Energy Usage Reporting Form: version 1 or other form as agreed in writing by the Environment Agency | 08/03/2021 |
| Other performance indicators | Other Performance Parameters Reporting Form: version 1 or other form as agreed in writing by the Environment Agency | 08/03/2021 |
| Waste returns | E-waste returns | -- |

# 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

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

“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.

“blending or mixing” is the combination of wastes (other than repackaging) of the same general type (for example non-halogenated solvents or acids) having similar characteristics, in a container or bulk vessel or tank, where there is neither reaction of the mixed wastes nor evolution of gas.

“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.

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

- contains viable micro-organisms or their toxins which are known or reliably believed to cause disease in humans or other living organisms
- contains or is contaminated with a medicine that contains a biologically active pharmaceutical agent
- 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.

“CMR” means substances that are carcinogenic, mutagenic or toxic for reproduction in accordance with UK REACH, that is substances with classifications category 1A H340, H350, H360, category 1B H340, H350, H360, category 2 H341, H351, H361.

“compliance date” means 01/01/2025 for existing MCPs with net rated thermal input of greater than 5 MWth or 01/01/2030 for existing MCPs with a net rated thermal input of less than or equal to 5MWth.

“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.

“disposal” means any of the operations provided for in Annex I to the Waste Framework Directive.

“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 these standard rules or from other localised or diffuse sources, which are not controlled by an emission or background concentration limits.

“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.

“existing medium combustion plant” means an MCP in operation before 20 December 2018.

“fugitive emission” means an emission to air, water or land from the activities which is 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 waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005.

“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.

“Industrial Emissions Directive” means Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“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.

“Leak detection and repair (LDAR) programme’’ means a structured approach to reduce fugitive emissions of organic compounds by detection and subsequent repair or replacement of leaking components. Currently, sniffing (described by EN 15446) and optical gas imaging methods are available for the identification of leaks under BAT 14 and section 6.2 of the Waste Treatment BAT Conclusions, Aug 2018.

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

“Medium Combustion Plant” or “MCP” means a combustion plant with a net rated thermal input equal to or greater than 1 MW but less than 50 MW.

“Medium Combustion Plant Directive” or “MCPD” means Directive 2015/2193/EU of the European Parliament and of the Council on the limitation of emissions of certain pollutants into the air from medium combustion plants, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“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, “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.

“operating hours” means the time, expressed in hours, during which a combustion plant is operating and discharging emissions into the air, excluding start-up and shut-down periods.

“pests” means birds, vermin and insects.

“pollution” includes pollution of the environment, harm to human health and serious detriment to the amenities of the locality, resulting from the permitted activities.

“POPs” means persistent organic pollutants, which are the substances listed in Annexes I and II of the retained Regulation (EU) 2019/1021 as amended by The Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020/1358 and The Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2022/1293.

“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 the Waste Framework Directive.

“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, and
- 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.

“volatile organic compound” (VOC) means any organic compound as well as the fraction of creosote, having at 293.15 K a vapour pressure of 0.01 kPa or more, or having a corresponding volatility under the particular conditions of use.

“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 oils” means any mineral or synthetic lubrication or industrial oils which have become unfit for the use for which they were originally intended, such as used combustion engine oils and gearbox oils, lubricating oils, oils for turbines and hydraulic oils.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“WEEE” means waste electrical and electronic equipment.

“WEEE Directive” means Directive 2012/19/EU of the European Parliament and of the Council of 4th July 2012 on waste electrical and electronic equipment (WEEE).

“year” means calendar year ending 31 December.

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:

- 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 other than gas engines or gas turbines, 6% dry for solid fuels; and/or
- in relation to emissions from gas engines or gas turbines, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 15% dry for liquid and gaseous fuels ; and/or

- 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.

When the following terms appear in the waste code list in Schedule 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.

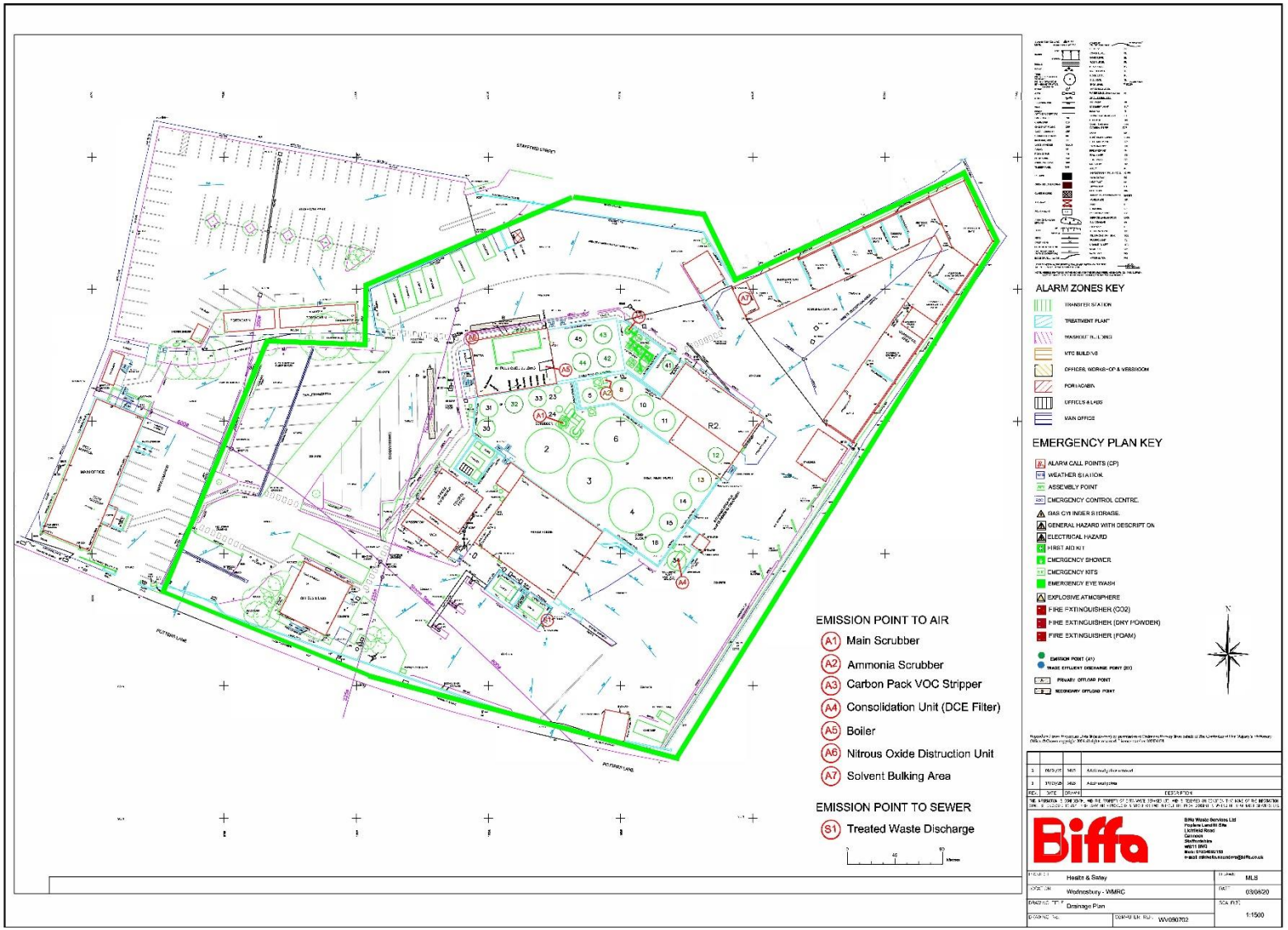
“transition metals” means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified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