

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Wastecycle Limited

Colwick Recycling and Transfer Station
Enviro Building
Private Road No 4
Colwick Industrial Estate
Colwick
Nottingham
Nottinghamshire
NG4 2JT

Variation application number

EPR/SP3490CA/V005

Permit number

EPR/SP3490CA

Colwick Recycling and Transfer Station

Permit number EPR/SP3490CA

Introductory note

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

Under the Environmental Permitting (England & Wales) Regulations 2010 (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.

The Industrial Emissions Directive (IED) was transposed in England and Wales by the Environmental Permitting (England and Wales)(Amendment) Regulations 2013 on 27 February 2013. This variation implements the changes brought about by the IED for “existing facilities operating newly prescribed activities” and completes the transition part of this facility from a waste operation to an IED Installation.

The site comprises of a number of facilities. The one that is now an installation activity is the production of solid recovered fuel (SRF). This is a S5.4 A(1) (b)(ii) activity - Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving pre-treatment of waste for incineration or co-incineration.

Once waste has been processed through a materials recycling facility (MRF) it is separated into various fractions. Some of these fractions are taken to be processed further at the SRF plant. Material is fed in to a pre-shredder, a magnetic separator removes ferrous metals, an air classifier removes heavy fractions and long parts, a secondary shredder cuts material down to meet end user specification and any remaining metal and grit is removed. The resultant SRF is stored prior to removal off-site.

Some of the waste from the MRF is fed in to a hopper and baled and wrapped. This material is used as refuse derived fuel (RDF). The production of RDF at this site does not fall under the installation as no pre-treatment is occurring. As such the production of RDF remains a waste operation.

Additional to the MRF and RDF plants there are various other waste operations on site including gypsum recycling, wood recycling, metal recycling (including WEEE/fridge stage 1 pre-destruction) and aggregate recycling.

Treatment and storage must be carried out on an impermeable surface with sealed drainage unless otherwise specified in table S1.1. This is mainly for inert wastes which may be stored on hardstanding and the wood storage and treatment areas which may drain to a soakaway via an interceptor. Specified wastes, as defined in Schedule 7, may also be stored on hardstanding.

The total annual amount of waste that can be accepted at the site for all operations remains 350,000 tonnes. The installation activity shall not process more than 150 tonnes per day (54,740 tonnes per year) of waste for the production of SRF.

The schedules specify the changes made to the permit.

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

| Status log of the permit | | |
|---|-----------------------|--|
| Description | Date | Comments |
| Permit determined EAWML 43455 | 17/06/98 | |
| Permit varied EAWML 43455 | 11/12/03 | To remove financial provision condition |
| Permit determined EAWML 43647 | 28/04/05 | |
| Variation determined EPR/SP3490CA (variation and consolidation) | 03/02/11 | EAWML 43455 and EAWML 43647 consolidated. |
| Application received EPR/SP3490CA/V004 | Duly made 27/01/12 | Application to vary permit to add a point source emission. |
| Variation determined EPR/SP3490CA | 26/04/12 | Varied permit issued. |
| Application EPR/SP3490CA/V005 | Duly made 14/08/14 | |
| Permit determined EPR/SP3490CA (Billing ref. JP3934WW) | 21/04/16 | Permit issued to Wastecycle Limited. |

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

Permit number

EPR/SP3490CA

Issued to

Wastecycle Limited (“the operator”)

whose registered office is

**Enviro Building
Private Road No 4
Colwick Industrial Estate
Colwick
Nottingham
Nottinghamshire
NG4 2JT**

company registration number **03450311**

to operate a regulated facilities at

**Colwick Recycling and Transfer Station
Enviro Building
Private Road No 4
Colwick Industrial Estate
Colwick
Nottingham
Nottinghamshire
NG4 2JT**

to the extent set out in the schedules.

The notice shall take effect from 21/04/2016

| Name | Date |
|----------------|------------|
| Rebecca Warren | 21/04/2016 |

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/SP3490CA

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/SP3490CA/V005 authorising,

Wastecycle Limited (“the operator”),

whose registered office is

**Enviro Building
Private Road No 4
Colwick Industrial Estate
Colwick
Nottingham
Nottinghamshire
NG4 2JT**

company registration number **03450311**

to operate an installation and waste operations at

**Colwick Recycling and Transfer Station
Enviro Building
Private Road No 4
Colwick Industrial Estate
Colwick
Nottingham
Nottinghamshire
NG4 2JT**

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

| Name | Date |
|----------------|------------|
| Rebecca Warren | 21/04/2016 |

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, A1 to A6, 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, A1 to A6, 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, tables S1.2 to S1.5, 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, tables S1.2 to S1.5 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 All activities shall take place on impermeable surface with sealed drainage, unless otherwise specified in table S1.1 or agreed in writing with the Environment Agency.
- 2.3.4 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.5 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table S2.2; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.6 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.
- 2.3.7 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.

2.4 WEEE storage and treatment

- 2.4.1 Spillage collection facilities and, where appropriate, decanters and cleanser-degreasers shall be provided and used as necessary.
- 2.4.2 WEEE disassembled spare parts, components and residues shall be stored in areas provided with a weatherproof covering where appropriate or in containers providing a weatherproof covering where appropriate.
- 2.4.3 WEEE shall be treated using best available treatment, recovery and recycling techniques (BATRRRT).
- 2.4.4 All fluids contained within any WEEE shall be removed prior to further treatment.
- 2.4.5 As a minimum, the substances, preparations and components specified in table S1.3 shall be removed from any separately collected WEEE.
- 2.4.6 Separately collected components of WEEE specified in table S1.4 shall be treated in accordance with the methods specified in that table.
- 2.4.7 Any liquids including those in disassembled spare parts, batteries, capacitors containing PCBs/PCTs and any other hazardous waste shall be stored in suitable sealed and labelled containers.
- 2.4.8 Equipment shall be provided and used to record the weight of untreated WEEE accepted at, and components and materials leaving the site.

2.5 Hazardous waste storage and treatment

- 2.5.1 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.

2.6 Refrigerator unit pre-destruction

- 2.6.1 The dismantling of refrigerator units shall take place in accordance with table S1.5.

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 table S3.1.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.

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 table S3.1;
- (b) process monitoring specified in table S3.2.

- 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 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 table S3.1 unless otherwise agreed in writing by the Environment Agency.

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

3.6 Fire prevention

3.6.1 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.

3.6.2 The operator shall:

- (a) 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;
- (b) 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 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; and
- (c) 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 For the following activities referenced in schedule 1, table S1.1, A1 to A6, 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(a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, 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 For the following activities referenced in schedule 1, table S1.1, A7, the Environment Agency shall be notified without delay following the detection of:

- (a) 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;
- (b) the breach of a limit specified in the permit; or
- (c) any significant adverse environmental effects.

4.3.4 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.

4.3.5 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.

4.3.6 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.

In any other case:

- (e) the death of any of the named operators (where the operator consists of more than one named individual);
- (f) any change in the operator's name(s) or address(es); and
- (g) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.7 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.

4.3.8 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 For the following activities referenced in schedule 1, table S1.1, A1 to A6, 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.

4.4.3 For the following activities referenced in schedule 1, table S1.1, A7, in this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", 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 |
| A1 | S5.4 A1(b)(ii) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving pre-treatment of waste for incineration or co-incineration | R3: Recycling/ reclamation of organic substances which are not used as solvents R4: Recycling/ reclamation of metals and metal compounds R5: Recycling/ reclamation of other inorganic substances | Physical treatment of solid non-hazardous waste to produce Solid Recovered Fuel (SRF) including storage and despatch. Treatment operations shall be limited to physical treatment including manual sorting, separation, screening, baling, shredding, crushing, compaction or blending for the purpose of producing SRF for recovery. Treatment of waste to produce SRF shall not exceed 150 tonnes per day . Waste types suitable for acceptance are limited to those non-hazardous wastes specified in table S2.2. |
| Directly Associated Activity | | | |
| A2 | Storage of waste prior to treatment | 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) | Receipt and storage of non-hazardous waste pending pre-treatment of waste for incineration or co-incineration. Inert waste, uncontaminated ferrous and non-ferrous metal wastes and special waste shall be stored on hardstanding or on an impermeable surface with sealed drainage. Wood waste shall be stored on an impermeable surface with sealed drainage or shall drain to a soakaway via a silt trap and interceptor. Waste types suitable for acceptance are limited to those non-hazardous wastes specified in table S2.2. |

| Table S1.1 activities | | | |
|------------------------------|--|--|---|
| A3 | Bulking of recyclable wastes | <p>R3: Recycling/reclamation of organic substances which are not used as solvents</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/ reclamation of other inorganic substances</p> <p>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)</p> | <p>Bulking of recyclable wastes recovered as an incidental part of the production of SRF.</p> <p>Inert waste, uncontaminated ferrous and non-ferrous metal wastes and special waste shall be stored on hardstanding or on an impermeable surface with sealed drainage.</p> <p>Wood waste shall be stored on an impermeable surface with sealed drainage or shall drain to a soakaway via a silt trap and interceptor.</p> |
| A4 | Storage for solid recovered fuel pending removal from the site | 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) | Receipt and storage of non-hazardous waste following pre-treatment of waste for incineration or co-incineration. |
| A5 | Raw materials storage | Storage of raw materials, including lubrication oil and diesel. | From the receipt of raw materials to despatch for use within the facility. |
| A6 | Surface water collection and storage | Collection and storage of uncontaminated roof and site surface water in a storage tank. | From the collection of uncontaminated roof and site surface water from non operational areas only to re-use within the facility or despatch off-site. |
| Activity reference | Description of activities for waste operations | Limits of activities | |
| A7 | <p>D9: Physico-chemical treatment not specified elsewhere in Annex IIA which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12.</p> <p>D13: Blending and mixing prior to submission to any of the operations numbered D1 to D12.</p> <p>D14: Repackaging prior to submission to any of the operations numbered D1 to D13.</p> <p>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced).</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents.</p> | <p>Treatment consisting of manual and physical sorting, baling, separation, screening, shredding, pulverising, washing, densifying, crushing, compacting, granulating or mixing of waste into different components for disposal (no more than 50 tonnes per day), or recovery.</p> <p>The only treatment of hazardous waste shall be the degassing of waste refrigeration equipment.</p> <p>There shall be no treatment in shredders of metal waste, including WEEE and ELVs and their components for recovery or a mix of recovery and disposal.</p> <p>There shall be no treatment of slags and ashes for recovery or a mix of recovery and disposal.</p> <p>Treatment of WEEE shall be carried out within a building provided with a weatherproof covering.</p> <p>Except for WEEE awaiting manual sorting, manual dismantling, repair or refurbishment only the maximum quantity of hazardous waste that can be stored at the site shall not exceed 50 tonnes at any one time.</p> | |

| Table S1.1 activities | |
|--|---|
| <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic materials.</p> <p>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).</p> | <p>Maximum storage capacity for any hazardous waste to be subject to D15 10 tonnes per day.</p> <p>Wood waste shall be stored and treated on an impermeable surface and shall drain to a soakaway via a silt trap and interceptor.</p> <p>Inert waste, uncontaminated ferrous and non-ferrous metal wastes and special waste shall be stored on hardstanding or on an impermeable surface with sealed drainage.</p> <p>Lead acid batteries:</p> <ul style="list-style-type: none"> • Lead acid batteries shall be stored in containers with an impermeable, acid resistant base and a cover that prevents ingress of water. • There shall be no treatment of lead acid batteries, other than sorting and separating from other wastes, and repackaging for third party processing. <p>Refrigeration units:</p> <ul style="list-style-type: none"> • Free storage of refrigeration units shall not exceed a maximum storage height of 3.5 metres. • Storage capacity of refrigeration units shall not exceed 50 tonnes at any one time. • Treatment of refrigeration units consisting of manual degassing in line the Stage 1 standards in Table S1.5. • Maximum storage time for refrigeration equipment 3 months unless drained of refrigerant and lubricant in accordance with condition 2.6.1. • <p>The maximum storage capacity for the types of waste specified below shall not be exceeded:</p> <ul style="list-style-type: none"> • Tyres - 1,000 tyres • Refrigeration equipment - 250 units • Electronic equipment - 100 tonnes • Chlorofluorocarbon's, HCFC, HFC - 18 tonnes for 6 months all of which must be for recovery. • Batteries - 10 tonnes for 6 months all of which must be for recovery. <p>Waste types suitable for acceptance are limited to those specified in table S2.2.</p> |

| Table S1.2 Operating techniques | | |
|--|--|----------------------|
| Description | Parts | Date Received |
| E-mail | The acceptance and storage of batteries. | 02/02/11 |
| Variation Application | WL01 Non-Technical Summary | 24/01/12 |
| Variation Application | WL02 Operating Techniques | 24/01/12 |

| Table S1.3 Substances, preparations and components to be removed from separately collected WEEE |
|--|
| <ul style="list-style-type: none"> • Capacitors containing polychlorinated biphenyls in accordance with Council Directive 96/59/EC of 16 September 1996 on the disposal of polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT) • Mercury-containing components, such as switches or backlighting lamps • Batteries • Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres • Toner cartridges, liquid and paste, as well as colour toner • Plastic containing brominated flame retardants • Asbestos waste and components which contain asbestos • Cathode ray tubes • Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC), or hydrocarbons (HC) • Gas discharge lamps • Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimetres and all those back-lighted with gas discharge lamps • External electric cables • Components containing refractory ceramic fibres as described in Commission Directive 97/69/EC of 5 December 1997 adapting to technical progress for the 23rd time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances • Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and the Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionising radiation • Electrolyte capacitors containing “substances of concern” (height > 25mm, diameter > 25mm or proportionately similar volume) |

| Table S1.4 Specified Treatment Methods for separately collected components of WEEE | |
|---|--|
| Component | Specified Treatment |
| Cathode ray tubes | The fluorescent coating shall be removed |
| Gas discharge lamps | The mercury shall be removed |
| Equipment containing gases that are ozone depleting or have a global warming potential (GWP) above 15 such as those contained in foams and refrigeration circuits | The gases must be properly extracted and properly treated. Ozone depleting gases must be treated in accordance with Regulation (EC) No 1005/2009 |

| Table S1.5 Standards for refrigeration unit pre-destruction | |
|---|---|
| <p>Stage 1) Pre-destruction processing of waste refrigeration units</p> | <p>The pre-destruction processing of refrigerator units shall be undertaken in a manner to ensure fugitive emissions from the removal of refrigerant and oil from the refrigeration cooling systems are collected.</p> <p>Drainage of the refrigeration cooling system shall be undertaken in a manner that results in the removal of at least 99% of the refrigerant and the oil from the cooling circuit.</p> <p>Upon removal of compressor oil from the cooling system:</p> <ul style="list-style-type: none"> • The compressor oil shall be processed to ensure that the concentration of refrigerant in the oil is <0.9% w/w; or • Where the compressor oil is not processed to remove dissolved refrigerant it shall be placed immediately in a suitable sealed container to prevent fugitive emissions and sent for further refrigerant recovery or destruction. <p>Following the drainage of the cooling system, the compressor unit shall be removed from the refrigerator unit and placed into a suitable container that prevents fugitive emissions.</p> <p>Switches containing mercury or other hazardous components shall be removed from the unit and placed in a suitable container prior to unit destruction.</p> <p>All refrigerator units shall be drained of free water prior to destruction.</p> <p>Insulation panels shall be cut in a way that prevents or where that is not practicable, minimises dust and fugitive loss of blowing agent.</p> |

Schedule 2 – Waste types, raw materials and fuels

| Raw materials and fuel description | Specification |
|------------------------------------|---------------|
| -- | -- |

| | |
|---------------------------|--|
| Maximum Quantities | The maximum quantity of waste accepted for: <ul style="list-style-type: none"> All activities at the site shall not exceed 350,000 tonnes per year. The total storage capacity of the site shall not exceed 100,000 tonnes. |
| Exclusions | Wastes shall not be accepted at the site which have any of the following characteristics: <ul style="list-style-type: none"> Wastes consisting solely or mainly of silica dusts and powders. Wastes that are in a form which is either sludge or liquid. Wastes consisting solely or mainly of dusts, powders or loose fibre will only be accepted if they are enclosed within a suitable container. |
| 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 physical and chemical processing of metalliferous minerals |
| 01 03 06 | tailings other than those mentioned in 01 03 04 and 01 03 05 |
| 01 03 08 | dusty and powdery wastes other than those mentioned in 01 03 07 |
| 01 03 09 | red mud from alumina production other than the wastes mentioned in 01 03 07 |
| 01 04 | wastes from physical and chemical processing of non-metalliferous minerals |
| 01 04 08 | waste gravel and crushed rocks other than those mentioned in 01 04 07 |
| 01 04 09 | waste sand and clays |
| 01 04 10 | dusty and powdery wastes other than those mentioned in 01 04 07 |
| 01 04 11 | wastes from potash and rock salt processing other than those mentioned in 01 04 07 |
| 01 04 12 | tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11 |
| 01 04 13 | wastes from stone cutting and sawing other than those mentioned in 01 04 07 |
| 01 05 | drilling muds and other drilling wastes |
| 01 05 04 | freshwater drilling muds and wastes |
| 01 05 07 | barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06 |
| 01 05 08 | chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06 |

| Table S2.2 Permitted waste types and quantities | |
|--|--|
| Maximum Quantities | The maximum quantity of waste accepted for: <ul style="list-style-type: none"> All activities at the site shall not exceed 350,000 tonnes per year. The total storage capacity of the site shall not exceed 100,000 tonnes. |
| Exclusions | Wastes shall not be accepted at the site which have any of the following characteristics: <ul style="list-style-type: none"> Wastes consisting solely or mainly of silica dusts and powders. Wastes that are in a form which is either sludge or liquid. Wastes consisting solely or mainly of dusts, powders or loose fibre will only be accepted if they are enclosed within a suitable container. |
| Waste Code | Description |
| 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 02 | animal-tissue waste |
| 02 01 03 | plant-tissue waste |
| 02 01 04 | waste plastics (except packaging) |
| 02 01 06 | animal faeces, urine and manure (including spoilt straw), effluent, collected separately and treated off site |
| 02 01 07 | wastes from forestry |
| 02 01 10 | waste metal |
| 02 02 | wastes from the preparation and processing of meat, fish and other foods of animal origin |
| 02 02 02 | animal-tissue waste |
| 02 02 03 | materials unsuitable for consumption or processing |
| 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 02 | wastes from preserving agents |
| 02 03 03 | wastes from solvent extraction |
| 02 03 04 | materials unsuitable for consumption or processing |
| 02 04 | wastes from sugar processing |
| 02 04 01 | soil from cleaning and washing beet |
| 02 04 02 | off-specification calcium carbonate |
| 02 05 | wastes from the dairy products industry |
| 02 05 01 | materials unsuitable for consumption or processing |
| 02 06 | wastes from the baking and confectionery industry |
| 02 06 01 | materials unsuitable for consumption or processing |
| 02 06 02 | wastes from preserving agents |
| 02 07 | wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa) |
| 02 07 01 | wastes from washing, cleaning and mechanical reduction of raw materials |
| 02 07 02 | wastes from spirits distillation |
| 02 07 03 | wastes from chemical treatment |

| Table S2.2 Permitted waste types and quantities | |
|--|--|
| Maximum Quantities | The maximum quantity of waste accepted for: <ul style="list-style-type: none"> All activities at the site shall not exceed 350,000 tonnes per year. The total storage capacity of the site shall not exceed 100,000 tonnes. |
| Exclusions | Wastes shall not be accepted at the site which have any of the following characteristics: <ul style="list-style-type: none"> Wastes consisting solely or mainly of silica dusts and powders. Wastes that are in a form which is either sludge or liquid. Wastes consisting solely or mainly of dusts, powders or loose fibre will only be accepted if they are enclosed within a suitable container. |
| Waste Code | Description |
| 02 07 04 | materials unsuitable for consumption or processing |
| 03 | Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard |
| 03 01 | wastes from wood processing and the production of panels and furniture |
| 03 01 01 | waste bark and cork |
| 03 01 05 | sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04 |
| 03 03 | wastes from pulp, paper and cardboard production and processing |
| 03 03 01 | waste bark and wood |
| 03 03 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 |
| 04 | Wastes from the leather, fur and textile industries |
| 04 02 | wastes from the textile industry |
| 04 02 09 | wastes from composite materials (impregnated textiles, elastomer, plastomer) |
| 04 02 10 | organic matter from natural products (for example grease, wax) |
| 04 02 15 | waste 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 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 14 | wastes from cooling columns |
| 05 06 | wastes from the pyrolytic treatment of coal |
| 05 06 04 | wastes from cooling columns |
| 06 | Wastes from inorganic chemical processes |
| 06 03 | wastes from the MSFU 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 |

| Table S2.2 Permitted waste types and quantities | |
|--|--|
| Maximum Quantities | The maximum quantity of waste accepted for: <ul style="list-style-type: none"> All activities at the site shall not exceed 350,000 tonnes per year. The total storage capacity of the site shall not exceed 100,000 tonnes. |
| Exclusions | Wastes shall not be accepted at the site which have any of the following characteristics: <ul style="list-style-type: none"> Wastes consisting solely or mainly of silica dusts and powders. Wastes that are in a form which is either sludge or liquid. Wastes consisting solely or mainly of dusts, powders or loose fibre will only be accepted if they are enclosed within a suitable container. |
| Waste Code | Description |
| 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 11 | wastes from the manufacture of inorganic pigments and opacifiers |
| 06 11 01 | calcium-based reaction wastes from titanium dioxide production |
| 06 13 | wastes from the inorganic chemical process not otherwise specified |
| 06 13 03 | carbon black |
| 07 | Wastes from organic chemical processes |
| 07 02 | wastes from the MFSU of plastics, synthetic rubber and man-made fibres |
| 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 05 | wastes from the MFSU of pharmaceuticals |
| 07 05 14 | solid wastes other than those mentioned in 07 05 13 |
| 08 | Wastes from 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 and paint and varnish other than those mentioned in 08 01 11 |
| 08 01 18 | waste and paint and varnish removal other than those mentioned in 08 01 17 |
| 08 02 | wastes from MFSU of other coatings (including ceramic materials) |
| 08 02 01 | waste coating powders |
| 08 03 | wastes from MFSU of printing inks |
| 08 03 13 | waste ink other than those mentioned in 08 03 12 |
| 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 |
| 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 |

| Table S2.2 Permitted waste types and quantities | |
|--|--|
| Maximum Quantities | The maximum quantity of waste accepted for: <ul style="list-style-type: none"> All activities at the site shall not exceed 350,000 tonnes per year. The total storage capacity of the site shall not exceed 100,000 tonnes. |
| Exclusions | Wastes shall not be accepted at the site which have any of the following characteristics: <ul style="list-style-type: none"> Wastes consisting solely or mainly of silica dusts and powders. Wastes that are in a form which is either sludge or liquid. Wastes consisting solely or mainly of dusts, powders or loose fibre will only be accepted if they are enclosed within a suitable container. |
| Waste Code | Description |
| 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 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 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 treatments |
| 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 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 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 |

| Table S2.2 Permitted waste types and quantities | |
|--|--|
| Maximum Quantities | The maximum quantity of waste accepted for: <ul style="list-style-type: none"> All activities at the site shall not exceed 350,000 tonnes per year. The total storage capacity of the site shall not exceed 100,000 tonnes. |
| Exclusions | Wastes shall not be accepted at the site which have any of the following characteristics: <ul style="list-style-type: none"> Wastes consisting solely or mainly of silica dusts and powders. Wastes that are in a form which is either sludge or liquid. Wastes consisting solely or mainly of dusts, powders or loose fibre will only be accepted if they are enclosed within a suitable container. |
| Waste Code | Description |
| 10 05 | wastes from zinc thermal metallurgy |
| 10 05 01 | slags from primary and secondary production |
| 10 05 04 | other particulates and dust |
| 10 05 09 | wastes from cooling-water treatment other than those mentioned in 10 05 08 |
| 10 05 11 | dross and skimmings other than those mentioned in 10 05 10 |
| 10 06 | wastes from copper thermal metallurgy |
| 10 06 01 | slags from primary and secondary production |
| 10 06 02 | dross and skimmings from primary and secondary production |
| 10 06 04 | other particulates and dust |
| 10 06 10 | wastes from cooling-water treatment other than those mentioned in 10 06 09 |
| 10 07 | wastes from silver, gold and platinum thermal metallurgy |
| 10 07 01 | slags from primary and secondary production |
| 10 07 02 | dross and skimmings from primary and secondary production |
| 10 07 03 | solid wastes from gas treatment |
| 10 07 04 | other particulates and dust |
| 10 07 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 other than other than those mentioned in 10 08 15 |
| 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 other than other than those mentioned in 10 09 09 |
| 10 09 12 | other particulates other than those mentioned in 10 09 11 |

| Table S2.2 Permitted waste types and quantities | |
|--|--|
| Maximum Quantities | The maximum quantity of waste accepted for: <ul style="list-style-type: none"> All activities at the site shall not exceed 350,000 tonnes per year. The total storage capacity of the site shall not exceed 100,000 tonnes. |
| Exclusions | Wastes shall not be accepted at the site which have any of the following characteristics: <ul style="list-style-type: none"> Wastes consisting solely or mainly of silica dusts and powders. Wastes that are in a form which is either sludge or liquid. Wastes consisting solely or mainly of dusts, powders or loose fibre will only be accepted if they are enclosed within a suitable container. |
| Waste Code | Description |
| 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 other than those mentioned in 10 10 09 |
| 10 10 12 | other particulates other than those mentioned in 10 10 11 |
| 10 10 14 | waste binders other than those mentioned in 10 10 13 |
| 10 10 16 | waste crack-indicating agent other than those mentioned in 10 10 15 |
| 10 11 | wastes from manufacture of glass and glass products |
| 10 11 03 | waste glass-based fibrous materials |
| 10 11 05 | particulates and dust |
| 10 11 10 | waste preparation mixture before thermal processing, other than those mentioned in 10 11 09 |
| 10 11 12 | waste glass other than those mentioned in 10 11 11 |
| 10 11 16 | solid wastes from flue-gas treatment other than those mentioned in 10 11 15 |
| 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 06 | discarded moulds |
| 10 12 08 | wastes ceramic, 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 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 11 | wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10 |

| Table S2.2 Permitted waste types and quantities | |
|--|--|
| Maximum Quantities | The maximum quantity of waste accepted for: <ul style="list-style-type: none"> All activities at the site shall not exceed 350,000 tonnes per year. The total storage capacity of the site shall not exceed 100,000 tonnes. |
| Exclusions | Wastes shall not be accepted at the site which have any of the following characteristics: <ul style="list-style-type: none"> Wastes consisting solely or mainly of silica dusts and powders. Wastes that are in a form which is either sludge or liquid. Wastes consisting solely or mainly of dusts, powders or loose fibre will only be accepted if they are enclosed within a suitable container. |
| Waste Code | Description |
| 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 |
| 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 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 | plastic shavings and turnings |
| 12 01 13 | welding wastes |
| 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 |
| 14 | Wastes organic solvents, refrigerants and propellants (except 07 and 08) |
| 14 06 | waste organic solvents, refrigerants and foam/aerosol propellants |
| 14 06 01* | chlorofluorocarbons, HCFC, HFC |

| Table S2.2 Permitted waste types and quantities | |
|--|--|
| Maximum Quantities | The maximum quantity of waste accepted for: <ul style="list-style-type: none"> All activities at the site shall not exceed 350,000 tonnes per year. The total storage capacity of the site shall not exceed 100,000 tonnes. |
| Exclusions | Wastes shall not be accepted at the site which have any of the following characteristics: <ul style="list-style-type: none"> Wastes consisting solely or mainly of silica dusts and powders. Wastes that are in a form which is either sludge or liquid. Wastes consisting solely or mainly of dusts, powders or loose fibre will only be accepted if they are enclosed within a suitable container. |
| Waste Code | Description |
| 15 | Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified |
| 15 01 | packaging (including separately collected municipal packaging waste) |
| 15 01 01 | paper and cardboard packaging |
| 15 01 02 | plastic packaging |
| 15 01 03 | wooden packaging |
| 15 01 04 | metallic packaging |
| 15 01 05 | composite packaging |
| 15 01 06 | mixed packaging |
| 15 01 07 | glass packaging |
| 15 01 09 | textile packaging |
| 15 02 | absorbents, filter materials, wiping cloths and protective clothing |
| 15 02 03 | absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02 |
| 16 | Wastes not otherwise specified in the list |
| 16 01 | end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08) |
| 16 01 03 | end-of-life tyres |
| 16 01 06 | end-of-life vehicles, containing neither liquids nor other hazardous components |
| 16 01 12 | brake pads other than those mentioned in 16 01 11 |
| 16 01 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 11* | discarded equipment containing chlorofluorocarbons, HCFC, HFC |
| 16 02 13* | discarded equipment containing hazardous components ² other than those mentioned in 16 02 09 to 16 02 12 |
| 16 02 14 | discarded equipment other than those mentioned in 16 02 09 and 16 02 13 |
| 16 02 16 | components removed from discarded equipment other than those mentioned in 16 02 15 |

| Table S2.2 Permitted waste types and quantities | |
|--|--|
| Maximum Quantities | The maximum quantity of waste accepted for: <ul style="list-style-type: none"> All activities at the site shall not exceed 350,000 tonnes per year. The total storage capacity of the site shall not exceed 100,000 tonnes. |
| Exclusions | Wastes shall not be accepted at the site which have any of the following characteristics: <ul style="list-style-type: none"> Wastes consisting solely or mainly of silica dusts and powders. Wastes that are in a form which is either sludge or liquid. Wastes consisting solely or mainly of dusts, powders or loose fibre will only be accepted if they are enclosed within a suitable container. |
| Waste Code | Description |
| 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 01* | lead batteries |
| 16 06 04 | alkaline batteries (except 16 06 03) |
| 16 06 05 | other batteries and accumulators |
| 16 08 | spent catalysts |
| 16 08 01 | spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07) |
| 16 08 03 | spent catalysts containing transition metal compounds not otherwise specified |
| 16 11 | waste linings and refractories |
| 16 11 02 | carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01 |
| 16 11 04 | other linings and refractories from metallurgical processes other than those mentioned in 16 11 03 |
| 16 11 06 | linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05 |
| 17 | Construction and demolition wastes (including excavated soil from contaminated sites) |
| 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 |

| Table S2.2 Permitted waste types and quantities | |
|--|--|
| Maximum Quantities | The maximum quantity of waste accepted for: <ul style="list-style-type: none"> All activities at the site shall not exceed 350,000 tonnes per year. The total storage capacity of the site shall not exceed 100,000 tonnes. |
| Exclusions | Wastes shall not be accepted at the site which have any of the following characteristics: <ul style="list-style-type: none"> Wastes consisting solely or mainly of silica dusts and powders. Wastes that are in a form which is either sludge or liquid. Wastes consisting solely or mainly of dusts, powders or loose fibre will only be accepted if they are enclosed within a suitable container. |
| Waste Code | Description |
| 17 03 | bituminous mixtures, coal tar and tarred products |
| 17 03 02 | bituminous mixtures other than those mentioned in 17 03 01 |
| 17 04 | metals (including their alloys) |
| 17 04 01 | copper, bronze, brass |
| 17 04 02 | aluminium |
| 17 04 03 | lead |
| 17 04 04 | zinc |
| 17 04 05 | iron and steel |
| 17 04 06 | tin |
| 17 04 07 | mixed metals |
| 17 04 11 | cables other than those mentioned in 17 04 10 |
| 17 05 | soil (including excavated soil from contaminated sites), stones and dredging spoil |
| 17 05 04 | soil and stones other than those mentioned in 17 05 03 |
| 17 05 06 | dredging spoil other than those mentioned in 17 05 05 |
| 17 05 08 | track ballast other than those mentioned in 17 05 07 |
| 17 06 | insulation materials and asbestos-containing construction materials |
| 17 06 04 | insulation materials other than those mentioned in 17 06 01 and 17 06 03 |
| 17 08 | gypsum-based construction material |
| 17 08 02 | gypsum-based construction materials other than those mentioned in 17 08 01 |
| 17 09 | other construction and demolition wastes |
| 17 09 04 | mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 |
| 18 | Wastes from human and animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care) |
| 18 01 | wastes from natal care, diagnosis, treatment or prevention of disease in humans |
| 18 01 01 | sharps except (18 01 03) |
| 18 01 04 | wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers) |
| 18 02 | wastes from research, diagnosis, treatment or prevention of disease involving animals |
| 18 02 01 | sharps except (18 02 02) |
| 18 02 03 | wastes whose collection and disposal is not subject to special requirements in order to prevent infection |

| Table S2.2 Permitted waste types and quantities | |
|--|--|
| Maximum Quantities | The maximum quantity of waste accepted for: <ul style="list-style-type: none"> All activities at the site shall not exceed 350,000 tonnes per year. The total storage capacity of the site shall not exceed 100,000 tonnes. |
| Exclusions | Wastes shall not be accepted at the site which have any of the following characteristics: <ul style="list-style-type: none"> Wastes consisting solely or mainly of silica dusts and powders. Wastes that are in a form which is either sludge or liquid. Wastes consisting solely or mainly of dusts, powders or loose fibre will only be accepted if they are enclosed within a suitable container. |
| 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 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 10 | combustible wastes other than those mentioned in 19 02 08 and 19 02 09 |
| 19 03 | stabilised/solidified wastes⁵ |
| 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 05 | wastes from aerobic treatment of solid wastes |
| 19 05 01 | non-composted fraction of municipal and similar wastes |
| 19 05 02 | non-composted fraction of animal and vegetable waste |
| 19 05 03 | off-specification compost |
| 19 06 | wastes from anaerobic treatment of wastes |
| 19 06 04 | digestate from anaerobic treatment of municipal wastes |
| 19 06 06 | digestate from anaerobic treatment of animal and vegetable wastes |
| 19 08 | wastes from waste water treatment plants not otherwise specified |
| 19 08 01 | screenings |
| 19 08 02 | waste from desanding |
| 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 04 | spent activated carbon |

| Table S2.2 Permitted waste types and quantities | |
|--|--|
| Maximum Quantities | The maximum quantity of waste accepted for: <ul style="list-style-type: none"> All activities at the site shall not exceed 350,000 tonnes per year. The total storage capacity of the site shall not exceed 100,000 tonnes. |
| Exclusions | Wastes shall not be accepted at the site which have any of the following characteristics: <ul style="list-style-type: none"> Wastes consisting solely or mainly of silica dusts and powders. Wastes that are in a form which is either sludge or liquid. Wastes consisting solely or mainly of dusts, powders or loose fibre will only be accepted if they are enclosed within a suitable container. |
| Waste Code | Description |
| 19 09 05 | saturated or spent ion exchanges resins |
| 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 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 12 12 | other (wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 |
| 19 13 | wastes from soil and groundwater remediation |
| 19 13 02 | solid wastes from soil remediation other than those mentioned in 19 13 01 |
| 20 | Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions |
| 20 01 | separately collected fractions (except 15 01) |
| 20 01 01 | paper and cardboard |
| 20 01 02 | glass |
| 20 01 08 | biodegradable kitchen and canteen waste |
| 20 01 10 | clothes |
| 20 01 11 | textiles |
| 20 01 23* | discarded equipment containing chlorofluorocarbons |
| 20 01 25 | edible oil and fat |
| 20 01 28 | paints, inks, adhesives and resins other than those mentioned in 20 01 27 |

| Table S2.2 Permitted waste types and quantities | |
|--|--|
| Maximum Quantities | The maximum quantity of waste accepted for: <ul style="list-style-type: none"> All activities at the site shall not exceed 350,000 tonnes per year. The total storage capacity of the site shall not exceed 100,000 tonnes. |
| Exclusions | Wastes shall not be accepted at the site which have any of the following characteristics: <ul style="list-style-type: none"> Wastes consisting solely or mainly of silica dusts and powders. Wastes that are in a form which is either sludge or liquid. Wastes consisting solely or mainly of dusts, powders or loose fibre will only be accepted if they are enclosed within a suitable container. |
| Waste Code | Description |
| 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 33* | batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries |
| 20 01 34 | batteries and accumulators other than those mentioned in 20 01 33 |
| 20 01 35* | discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components ⁷ |
| 20 01 36 | discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |
| 20 01 38 | wood other than that mentioned in 20 01 37 |
| 20 01 39 | plastics |
| 20 01 40 | metals |
| 20 01 41 | wastes from chimney sweeping |
| 20 02 | garden and park wastes (including cemetery waste) |
| 20 02 01 | biodegradable waste |
| 20 02 02 | soil and stones |
| 20 02 03 | other non-biodegradable wastes |
| 20 03 | other municipal wastes |
| 20 03 01 | mixed municipal waste |
| 20 03 02 | waste from markets |
| 20 03 03 | street-cleaning residues |
| 20 03 06 | waste from sewage cleaning |
| 20 03 07 | bulky waste |

Schedule 3 – Emissions and monitoring

| Emission point ref. & location | Source | Parameter | Limit (incl. unit) | Reference Period | Monitoring frequency | Monitoring standard or method |
|--|------------------------------|-----------------------|------------------------------|-----------------------------|-----------------------------|--------------------------------------|
| Discharge of site drainage to ground via soakaway as shown on proposed drainage layout plan ref. WL05. | Central wood processing area | pH | 6 to 9 | Instantaneous (spot sample) | -- | -- |
| | | Visible oil or grease | No significant trace present | Instantaneous (spot sample) | -- | -- |

| Emission point reference or source or description of point of measurement | Parameter | Monitoring frequency | Monitoring standard or method | Other specifications |
|--|---|-----------------------------|--------------------------------------|-------------------------------|
| Pre-destruction processing Compressor oil | Concentration of refrigerant in the oil (%w/w) | Quarterly | Independent conformance testing | -- |
| Record of residual wastes removed from the site | As set in Form Appendix A | Quarterly | -- | -- |
| Refrigeration unit degassing | Refrigeration unit type | Daily | Record of each unit type | Type 1 - 4 |
| | Refrigerant type | | | CFC, HCFC, HFC, HC or ammonia |
| | Number of defective | | | -- |
| Quantity of refrigerant recovered | Quantity of refrigerant collected over reporting period | Monthly | Weighed using calibrated scales | -- |

Schedule 4 – Reporting

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

| Table S4.1 Reporting of monitoring data | | | |
|--|---|-------------------------|----------------------|
| Parameter | Emission or monitoring point/reference | Reporting period | Period begins |
| -- | -- | -- | -- |

| Table S4.2: Annual production/treatment | |
|--|--------------|
| Parameter | Units |
| Solid recovered fuel (SRF) recovered | tonnes |
| Ferrous metals recovered from SRF process | tonnes |
| Other fractions recovered from SRF process | tonnes |

| Table S4.3 Performance parameters | | |
|--|--------------------------------|---------------------------------|
| Parameter | Frequency of assessment | Units |
| Quantities of residual materials from fridge pre-destruction processing | Quarterly | As specified in Form Appendix A |
| Process efficiency of fridge pre-destruction processing | Monthly | As specified in Form Appendix B |
| Conformance testing of residual materials from fridge pre-destruction processing | Quarterly | As specified in Form Appendix C |
| Water usage | Annually | tonnes |
| Energy usage | Annually | MWh |
| Total raw material used | Annually | tonnes |

| Table S4.4 Reporting forms | | |
|--|---|---------------------|
| Media/parameter | Reporting format | Date of form |
| Quantities of residual materials from fridge pre-destruction processing | Form Appendix A or other form as agreed in writing by the Environment Agency | 21/04/16 |
| Process efficiency of fridge pre-destruction processing | Form Appendix B or other form as agreed in writing by the Environment Agency | 21/04/16 |
| Conformance testing of residual materials from fridge pre-destruction processing | Form Appendix C or other form as agreed in writing by the Environment Agency | 21/04/16 |
| Water usage | Form Water Usage 1 or other form as agreed in writing by the Environment Agency | 21/04/16 |
| Energy usage | Form Energy 1 or other form as agreed in writing by the Environment Agency | 21/04/16 |
| Other performance indicators | Form Performance 1 or other form as agreed in writing by the Environment Agency | 21/04/16 |
| 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 | |
| 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 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.

“baling” means baling that utilises a hydraulic machine that using compressive forces compacts various materials into regular-shaped dense bales (typically a cube). Bales may be belted with straps or steel wire to keep the bale in its compacted state; although for most metal bales this is not necessary. Baled scrap metal may be easier to handle, store and transport than loose scrap.

“best available treatment, recovery and recycling techniques” shall have the meaning given to it in the document published jointly by the Department for Environment, Food and Rural Affairs, the Welsh Assembly Government and the Scottish Executive on 27th November 2006, entitled ‘Guidance on Best Available Treatment, Recovery and Recycling Techniques (BATRR) and Treatment of Waste Electrical and Electronic Equipment (WEEE)’; and any revision to or replacement of it.

“Blowing agent” Blowing agent used in the foam formation process and contained in the insulating foam of a refrigeration unit, or other relevant electrical appliance, or insulation panel. Blowing agents are used in the foam formation process and include chlorofluorocarbons (CFCs), hydrochlorofluorocarbons (HCFCs), hydrofluorocarbons (HFCs) and hydrocarbons (HCs).

“compacting” means compacting involving the flattening or crushing of compactable metal wastes to aid storage and economic transportation to the scrap processor; it is often a preparation for shredding. Compacting may be achieved using a waste handler’s loading shovel (known as “tapping”) or specially-designed hydraulic flattener.

“Contained environment” Means an environment where there is atmospheric containment. This includes areas where air egress may only be facilitated through air extraction and blowing agent capture systems

“controlled substances” means chlorofluorocarbons, other fully halogenated chlorofluorocarbons, halons, carbon tetrachloride, 1,1,1-trichloroethane, methyl bromide, hydrobromofluorocarbons and hydrochlorofluorocarbons listed in Annex I of Regulation (EC) No 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer, including their isomers, whether alone or in a mixture, and whether they are virgin, recovered, recycled or reclaimed.

“cutting” means cutting typically utilising either an oxy-acetylene gas cutting torch or abrasive disc cutter to cut and/or resize large pieces of scrap metal into more manageable sizes; powder torches and plasma torches may be used to cut heat-resistant scrap e.g. pig iron, copper, bronze).

“Defective unit” means a refrigeration unit that does not have any gas pressure in the cooling circuit.

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

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

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“grading” means the sorting of metals to industry-agreed specifications ready for use, without the need for further treatment, by the end consumer to manufacture new metals.

“granulating” means granulated to a very small size with metal/non-metal separation by air classification and flotation.

“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 III of the Waste Framework Directive.

“Hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 No.894, the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138), the List of Wastes (England) Regulations 2005 No.895 and the List of Wastes (Wales) Regulations 2005 No. 1820 (W.148).

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

“Independent conformance testing” Independent sampling and testing of residual materials and emission points to confirm whether or not the standards set in the permit for fridge destruction are being fulfilled, carried out by an external laboratory and using accredited methods where they are available.

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

“Insulation panel” Rigid polyurethane foam insulation boards, typically removed from the internal and external walls, roofs and ceilings of buildings, cold stores or commercial or domestic cooling equipment, which contain CFC, HCFC, HFC or HC blowing agents.

“Insulation panel type” Based upon the type of facing material used to back or sandwich the insulation panel foam (e.g. aluminium foil, steel sheet, wood).

“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.

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

“ozone-depleting substances” “ODS” means “controlled substances” contained in refrigeration, air-conditioning and heat pump equipment, equipment containing solvents, fire protection systems and fire extinguishers.

“pests” means Birds, Vermin and Insects.

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

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

“Reference 1” means the International Atomic Energy Agency recommendations in Annex IV of ‘Recommendations on Monitoring and Response Procedures for Radioactive Scrap Metal’, UNECE, 2006.

“Refrigerant” means refrigerant gas contained in the compressor and cooling circuit of the refrigeration unit. Refrigerants include chlorofluorocarbons (CFCs), hydrochlorofluorocarbons (HCFCs), hydrofluorocarbons (HFCs), hydrocarbons (HCs) and ammonia.

“Refrigeration unit type” are four identified types of refrigeration unit, as set out in the table below:

| Type 1 | Refrigerator with storage capacity <0.18m ³ |
|--------|---|
| Type 2 | Refrigerator or combined refrigerator/freezer with storage capacity >0.18m ³ & <0.35m ³ |
| Type 3 | Freezer with storage capacity <0.50m ³ |
| Type 4 | any refrigerator or freezer not covered by Types 1-3 |

“Refrigeration unit” should be taken to include all types of refrigeration equipment as well as appliances like heat pump tumble dryers, de-humidifiers and portable air conditioners, and comparable commercial refrigeration units and appliances, are not explicitly included in the unit types defined above, however they should still be taken into account in the Appendix A and Appendix B reporting requirements and managed in accordance with the conditions of the permit where relevant.

“Refrigeration unit carcass” is the term used to describe refrigeration unit following completion of pre-destruction processing (i.e. following drainage of cooling system and removal of compressor and any switches/components, condensers and electronic drives).

“Residual materials” means both materials and wastes resulting from the specified operations.

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

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

“separation” means separating wastes into different material types, components and grades.

“shearing” means utilises a range of hydraulic machinery that comprise hard steel blades which cut metals into manageable sizes. It may be hand-held, static or attached to mobile plant (e.g. cranes).

“sorting” means sorting that may be undertaken by hand or machinery. Sorting enables materials to be processed and recycled appropriately. It may involve separation of different waste types or the separation of different metal types including different ferrous metals, non-ferrous metals and non-metallic materials (e.g. paper and plastic). The sorted metals are graded by visual inspection, supplemented by chemical and other laboratory tests. The physical sorting may be assisted by conveyors and electromagnets.

“specified waste” means the following waste codes in Table S2.2: 01 01 01, 01 01 02, 01 04 08, 01 04 09, 01 04 13, 02 04 01, 10 11 12, 10 12 08, 10 13 14, 15 01 07, 17 01 01, 17 01 02, 17 01 03, 17 01 07, 17 02 02, 17 03 02, 17 05 04, 17 05 08, 19 12 05, 19 12 09 and 20 02 02.

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes (England) Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

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

“waste motor vehicle” means a wheeled vehicle for use on land and that does not operate on rails that is waste within the meaning of Article 3(1) of the Waste framework Directive.

“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, 6% dry for solid 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.

Where the following terms appear in the waste code list in Table S2.2 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

“polychlorinated biphenyls and polychlorinated terphenyls” (“PCBs”) means PCBs as defined in Article 2(a) of Council Directive 96/59/EC’.

Article 2(a) says that ‘PCBs’ means:

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

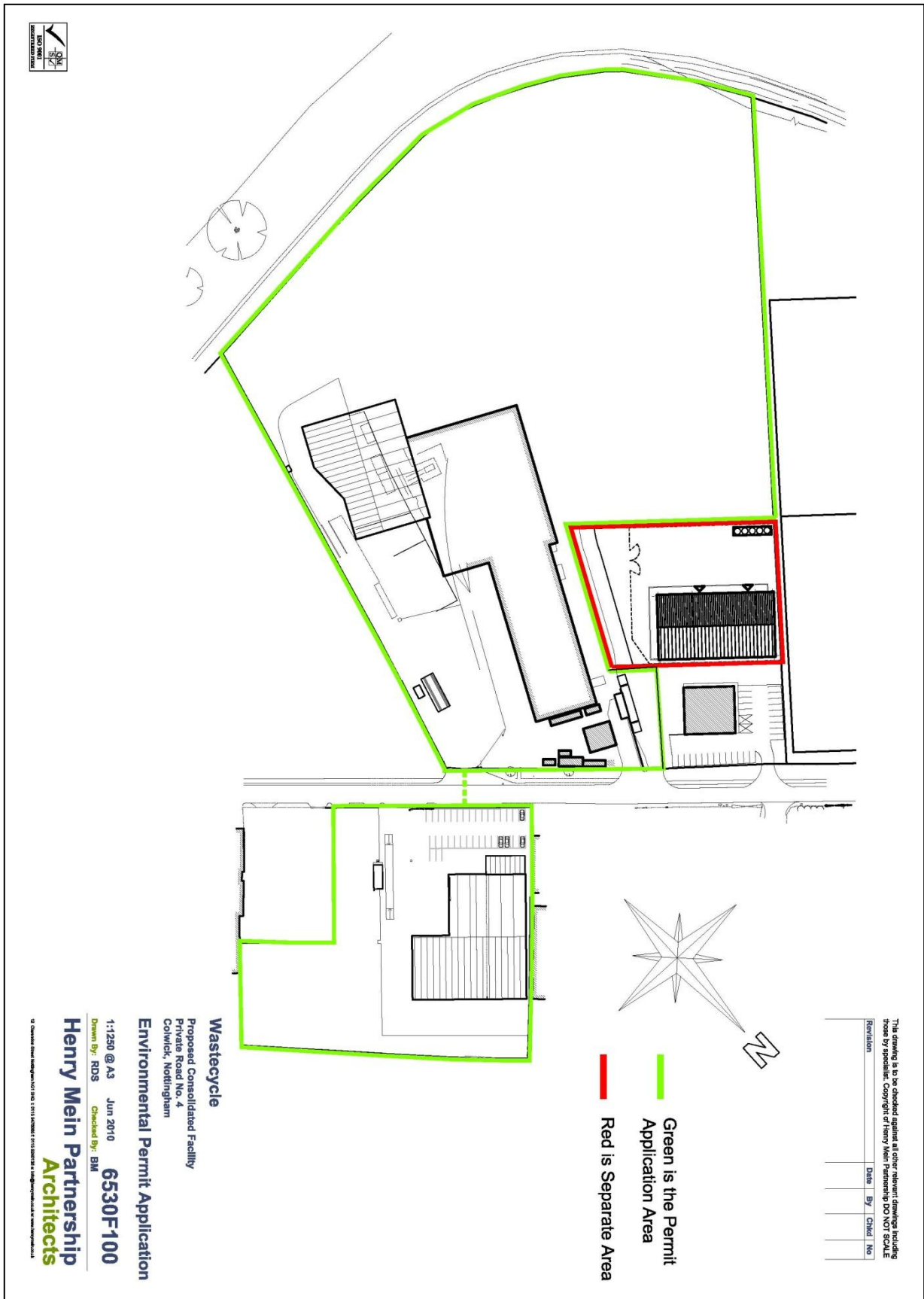
“transition metals” means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified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

Permit Number: EPR/SP3490CA

Operator: Wastecycle Limited

Facility: Colwick Recycling and Transfer Station

Form Number: Water Usage 1 / 21/04/16

Reporting of Water Usage for the year

| Water Source | Usage (m³/year) | Specific Usage (m³/unit output) |
|--------------------------|-----------------------------------|---|
| Mains water | | |
| Site borehole | | |
| River abstraction | | |
| TOTAL WATER USAGE | | |

Operator's comments:

Signed

Date.....

(authorised to sign as representative of Operator)

Permit Number: EPR/SP3490CA

Operator: Wastecycle Limited

Facility: Colwick Recycling and Transfer Station

Form Number: Energy 1 / 21/04/16

Reporting of Energy Usage for the year

| Energy Source | Energy Usage | | Specific Usage (MWh/unit output) |
|--------------------|--------------|----------------------|----------------------------------|
| | Quantity | Primary Energy (MWh) | |
| Electricity * | MWh | | |
| Natural Gas | MWh | | |
| Gas Oil | tonnes | | |
| Recovered Fuel Oil | tonnes | | |
| Biogas | tonnes | | |
| TOTAL | - | | |

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments:

Signed

Date.....

(Authorised to sign as representative of Operator)

Permit Number: EPR/SP3490CA

Operator: Wastecycle Limited

Facility: Colwick Recycling and Transfer Station

Form Number: Performance 1 / 21/04/16

Reporting of other performance indicators for the period DD/MM/YYYY to DD/MM/YYYY

| Parameter | Units |
|--|--------------|
| Total raw material used | tonnes |
| Solid recovered fuel (SRF) recovered | tonnes |
| Ferrous metals recovered from SRF process | tonnes |
| Other fractions recovered from SFR process | tonnes |

Operator's comments:

Signed

Date.....

(Authorised to sign as representative of Operator)

Permit Number: EPR/SP3490CA

Operator: Wastecycle Limited

Facility: Colwick Recycling and Transfer Station

Form Number: Appendix A / 21/04/16

Residual materials removed from DD/MM/YYYY to DD/MM/YYYY

| Quantities of residual materials from pre-destruction and destruction processes | | |
|--|--|-------------------|
| Residual materials | Waste Categories | Quantities |
| Refrigerants | 14 06 01* chlorofluorocarbons, HCFC, HFC | kg |
| Refrigerants | 14 06 03* other solvents and solvent mixtures ¹ | kg |
| Compressor oil | 13 02 08* other engine, gear and lubricating oils | litres |
| Mercury switches etc. | 19 10 05* other fractions containing hazardous substances | kg |

[1] 14 06 03* should only be used if the waste does not contain CFC, HCFC or HFC refrigerant or blowing agent.

Permit Number: EPR/SP3490CA

Operator: Wastecycle Limited

Facility: Colwick Recycling and Transfer Station

Form Number: Appendix B / 21/04/16

Destruction process efficiency reporting from DD/MM/YYYY to DD/MM/YYYY

Stage 1 Degassing

| Record of refrigeration units received for Stage 1 degassing | | | |
|--|------------------------|------------------------------------|---------------------------|
| Type of unit | Number of units | Assumed refrigerant content | Refrigerant totals |
| Number of defective units ¹ | | -- | -- |
| Number of units containing halogenated refrigerants (CFCs, HCFCs and HFCs) (A) | | x 100 g per unit = | |
| Number of units containing a hydrocarbon refrigerant (B) | | | |
| Number of units containing ammonia refrigerant (C) | | | |
| Number of other non-defective appliances ² | | | |
| Total number of viable units (D) = (A) + (B) + (C) | | Total refrigerant | g |

[1] Identified from visual inspection (i.e. no compressor or damaged cooling circuit, manometer (no gas pressure), or foam formation in inspection glass).

[2] Includes heat-pump tumble dryers, de-humidifiers and air conditioners.

| Theoretical recovery of refrigerant per unit | |
|---|------------|
| Total refrigerant / (D) | g per unit |
| | |

| Recovery of refrigerant | Amount / unit |
|--|----------------------|
| Weight of refrigerant storage container at start of reporting period (E) | g |
| Weight of refrigerant storage container at end of reporting period (F) | g |
| Weight of refrigerant recovered during reporting period (G) = (F) – (E) | g |
| Average weight of recovered refrigerant per unit = (G) / (D) | g per unit |

Permit Number: EPR/SP3490CA

Operator: Wastecycle Limited

Facility: Colwick Recycling and Transfer Station

Form Number: Appendix C / 21/04/16

Residual materials conformance testing reporting from DD/MM/YYYY to DD/MM/YYYY

| Residual materials | | |
|--|-----------|--------------------|
| Parameter | Limit | Sampling Result(s) |
| Concentration of refrigerant in the compressor oil | <0.9% w/w | |