

# Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

---

Metal & Waste Recycling Limited

Albert Works  
Kenninghall Road  
Edmonton  
London  
N18 2PD

**Variation application number**

EPR/EP3091NT/V006

**Permit number**

EPR/EP3091NT

# Albert Works

## Permit number EPR/EP3091NT

### 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 of this facility from a waste operation to an IED Installation.

The site is located in Edmonton, North London at NGR TQ 35139 92336, adjacent to the A406 North Circular (Angel Road) and is surrounded on the other three sides by Condit Lane. There is also a railway line along the east and southeast boundaries. The Pymmes Brook is culverted along the southern boundary and Salmon Brook is approximately 500 meters to the east.

The site is within the boundary of an Air Quality Management Zone for particulates and oxides of nitrogen. It is also within the prescribed distance of Lee Valley Ramsar, Lee Valley SPA (or proposed SPA) and Epping Forest SAC.

The site is permitted to store and treat ferrous and non-ferrous metals, End of Life Vehicles (ELVs) including hazardous components, oils and liquids, and Waste Electrical and Electronic Equipment (WEEE).

The site is permitted to accept 349,000 tonnes of waste per annum. This includes 69,000 tonnes of hazardous waste and 280,000 of non-hazardous waste.

The Albert Works facility comprises the following installation activities:

- Treatment of non hazardous waste – shredding of metals: Section 5.4 (b)(iv) – Recovery of non-hazardous waste with a capacity of more than 75 tonnes per day involving treatment in shredders of metal waste.
- Temporary storage of hazardous waste: Section 5.6 - Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.

The Albert Works facility comprises the following directly associated activities:

- Storage of non-hazardous waste pending treatment.
- Storage of non- hazardous waste post treatment.
- Storage of Raw Materials.
- Surface Water Management

The Albert Works facility comprises the following waste operations:

- Vehicle storage, depollution and dismantling (authorised treatment) facility.
- Waste electrical and electronic equipment authorised treatment facility.
- Metal Recycling.
- Storage of Furnace Ready Scrap.

The site has two main buildings that are contained with concrete floors and sealed drainage. Rainwater shedding from the roofs of the buildings, passes to a surface water drainage system. The surrounding yard is constructed from a combination of impermeable concrete surfacing and concrete block laid on a concreted surfacing, which drains to foul sewer via and interceptor.

The installation activity will give rise to particulates. This emission is limited to 10 mg/m<sup>3</sup> of total particulates that is including PM<sub>10</sub> and PM<sub>2.5</sub>.

However, the operator will also monitor for oxides of nitrogen, sulphur dioxide and volatile organic carbon compounds in the air emissions. The emissions to air will be abated via a cyclone and bag filtration system to capture particulates.

This variation consolidates all the previous variations of the original permit and updates the permit to modern conditions.

The schedules specify the changes made to the permit.

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

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Waste Disposal Licence no. 387 Issued	02/06/92	-
Waste Disposal Licence no. 387 Modified	19/01/93	Modification to increase working hours, height the waste stacks, management of waste stacks and training of site personnel.
Waste Management Licence EAWML 80298 Modified	07/11/08	Agency modification to bring in the storage and treatment standards required un the Waste Electrical and Electronic Equipment (WEEE) Regulations 2006 and WEEE Directive 2002/96/EC
Application EPR/EP3039NT/S004	Duly Made 19/07/10	Application for a partially surrender of an area of the site on the southern boundary.
Partial Surrender notice issued EPR/EP3091NT/S004	25/08/10	Varied permit issued.
Application EPR/EP3091NT/V005	Duly made 28/06/10	Application to extend the boundary to the north and west, increase the annual throughput and maximum tonnage stored on site. Also, list the wastes codes that are accepted into the site, and deletes conditions 2.1 and 2.2 of the original permit.
Variation issued	26/08/10	Varied permit issued to Metal & Waste Recycling Limited.
Application EPR/EP3091NT/V006 (variation and consolidation)	Duly made 22/09/15	Application to vary and update the permit to IED conditions.
Response to Schedule 5 notice dated 27/10/15	Received 07/12/15	Request for information on acceptance of hazardous and non-hazardous waste
Additional information received	16/12/15	Specification and drawings of the metal shredding plant.
Additional information received	12/01/16 19/01/16 21/01/16 and 25/01/16	Confirmation of the tonnages for each activity  Additional waste codes to be added to the permit and how these would be dealt with.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Variation determined EPR/EP3091NT (Billing Reference - ZP3137AB and EAWML 80298)	29/01/16	Varied and consolidated permit issued in modern condition format.

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/EP3091NT

### Issued to

**Metal & Waste Recycling Limited** (“the operator”)

whose registered office is

**Albert Works  
Kenninghall Road  
Edmonton  
London  
N18 2PD**

company registration number **01031503**

to operate regulated facilities at

**Albert Works  
Kenninghall Road  
Edmonton  
London  
N18 2PD**

to the extent set out in the schedules.

The notice shall take effect from 27/01/2016

Name	Date
Claire Roberts	29/01/2016

Authorised on behalf of the Environment Agency

## **Schedule 1**

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

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

## The Environmental Permitting (England and Wales) Regulations 2010

### Permit number

**EPR/EP3091NT**

This is the consolidated permit referred to in the variation and consolidation notice for application **EPR/EP3091NT/V006** authorising,

**Metal & Waste Recycling Limited** (“the operator”),

whose registered office is

**Albert Works  
Kenninghall Road  
Edmonton  
London  
N18 2PD**

company registration number **01031503**

to operate an installation and waste operations at

**Albert Works  
Kenninghall Road  
Edmonton  
London  
N18 2PD**

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

Name	Date
Claire Roberts	29/01/2016

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 A7, 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 A7, 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 For the following activities referenced in schedule 1, table S1.1 A1 to A7, 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 red on the site plan at schedule 7 to this permit.

### **2.3 Operating techniques**

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2 to S1.4, unless otherwise agreed in writing by the Environment Agency.

2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 to S1.4, 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 tables S2.2, S2.3, S2.4, S2.5 and S2.6;
- (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 Hazardous waste storage and treatment**

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

## **2.5 Vehicle depollution and dismantling**

- 2.5.1 The storage (including temporary storage) and treatment of waste motor vehicles shall meet the requirements of article 6(1) of the End-of-Life Vehicles Directive.

## **2.6 WEEE storage**

- 2.6.1 Spillage collection facilities and, where appropriate, decanters and cleanser-degreasers shall be provided and used as necessary.
- 2.6.2 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.
- 2.6.3 WEEE shall be treated using best available treatment, recovery and recycling techniques (BATRRRT).
- 2.6.4 All fluids contained within any WEEE shall be removed prior to further treatment.
- 2.6.5 As a minimum, the substances, preparations and components specified in table S1.3 shall be removed from any separately collected WEEE.
- 2.6.6 Separately collected components of WEEE specified in table S1.4 shall be treated in accordance with the methods specified in that table.
- 2.6.7 Disassembled spare parts containing liquids, batteries, capacitors containing PCBs/PCTs and any other hazardous waste shall be stored in suitable sealed and labelled containers.
- 2.6.8 Equipment shall be provided and used to record the weight of untreated WEEE accepted at, and components and materials leaving the site.

## **2.7 Improvement programme**

- 2.7.1 The operator shall complete the improvements specified in schedule 1 table S1.5 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.7.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

## **3 Emissions and monitoring**

### **3.1 Emissions to water, air or land**

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, S3.2 and S3.3.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

## **3.2 Emissions of substances not controlled by emission limits**

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
  - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

## **3.3 Fire prevention**

- 3.3.1 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.
- 3.3.2 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.

## **3.4 Odour**

- 3.4.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.4.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
  - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## **3.5 Pests**

- 3.5.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.5.2 The operator shall:

- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests;
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

### **3.6 Noise and vibration**

3.6.1 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.

3.6.2 Emissions from the metal shredder shall be free from sudden noise or vibration at levels likely to cause pollution outside the site, 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 sudden noise and vibration.

3.6.3 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.

### **3.7 Monitoring**

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

- (a) point source emissions specified in tables S3.1, S3.2 and S3.3;
- (b) noise specified in table S3.5;
- (c) ambient air monitoring specified in table S3.4; and
- (d) process monitoring specified in table S3.6;

3.7.2 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.

3.7.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.3.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

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

### **3.8 Monitoring for radioactive substances**

3.8.1 The operator shall carry out monitoring of all waste delivered to the site to determine, so far as reasonably practicable, whether it contains any radioactive substances.

- 3.8.2 Monitoring equipment shall be installed and operational 3 months from the issue of this permit.
- 3.8.3 The monitoring carried out to fulfil condition 3.8.1 shall include, as a minimum, use of:
- (a) fixed radiation detectors at all weighbridges at the site; and
  - (b) a hand held detector to investigate alarms generated by the equipment in (a) above.
- 3.8.4 The equipment referred to in condition 3.8.3 (a) shall:
- (a) include solid state scintillation detectors;
  - (b) be positioned as close as reasonably practicable to the waste being monitored;
  - (c) have a sensitivity to gamma radiation consistent with the minimum performance as specified in the International Atomic Energy Agency recommendations in Annex IV of 'Recommendations on Monitoring and Response Procedures for Radioactive Scrap Metal', UNECE, 2006;
  - (d) include visual and audible alarms which activate on detection of radiation above a defined action level.
- 3.8.5 All radiation monitoring equipment shall be subject to a regular calibration and testing programme to ensure satisfactory performance is maintained.
- 3.8.6 The operator shall establish and maintain procedures for responding to alarms generated by the equipment referred to in condition 3.8.3.
- 3.8.7 The operator shall, without delay, inform the Environment Agency of each confirmed detection of radiation in accordance with this condition and the action taken in accordance with condition 4.3.1.

## **4 Information**

### **4.1 Records**

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
  - (b) be made as soon as reasonably practicable;
  - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
  - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
    - (i) off-site environmental effects; and
    - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

### **4.2 Reporting**

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 For the following activities referenced in schedule 1, table S1.1 A1 to A7, 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 A7, 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 A8 to A11, 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 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 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

<b>Table S1.1 activities</b>			
<b>Activity reference</b>	<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity and WFD Annex I and II operations</b>	<b>Limits of specified activity and waste types</b>
A1	S5.4 A(1) (b) (iv) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving treatment in shredders of metal waste, including waste electrical and electronic equipment and end-of-life vehicles and their components.	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 materials	From receipt of metal waste to treatment by shredding.  Treatment consisting only of shredding and granulating of ferrous and non-ferrous metals for recovery.  Treatment of waste shall be carried out within a building provided with weatherproof covering.  Buildings shall meet the following requirements: <ul style="list-style-type: none"> <li>• buildings shall be designed, constructed and maintained to prevent ingress of rain and surface water;</li> <li>• rain and uncontaminated surface water shall be kept separate from contaminated water and other liquids.</li> </ul> Waste types suitable for acceptance for shredding and granulating are limited to the non-hazardous wastes specified in Table S2.2.
A2	Section 5.6 A(1)(a) Temporary storage of hazardous waste in a facility with a total capacity exceeding 50 tonnes pending any of the activities listed in Section 5.1, 5.2 and 5.3	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)	From receipt of hazardous waste to dispatch offsite for recovery. <ul style="list-style-type: none"> <li>• Storage capacity of hazardous waste shall not exceed 200 tonnes.</li> <li>• There shall be no treatment of lead acid batteries, other than sorting and separating from other wastes, and repackaging for third party processing.</li> <li>• Lead acid batteries shall be stored in containers with an impermeable, acid resistant base and a lid that prevents ingress of</li> </ul>



<b>Table S1.1 activities</b>			
<b>Activity reference</b>	<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity and WFD Annex I and II operations</b>	<b>Limits of specified activity and waste types</b>
			water.  Waste types suitable for acceptance are limited to those hazardous wastes specified in Tables S2.2, S2.3, S2.4, S2.5 and S2.6.
<b>Directly Associated Activity</b>			
A3 (DAA to A1)	Physical treatment for the purpose of recycling	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 materials	From treatment of ferrous and non-ferrous metals to storage of processed materials.  Treatment consisting only of sorting, separation and grading of shredded materials.  Waste types suitable for acceptance for treatment are limited to the non-hazardous wastes specified in Table S2.2.
A4 (DAA to A1)	Storage of waste, excluding temporary storage of hazardous waste under Section 5.6 A(1)(a)	R13: Storage of waste pending the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	From receipt of waste to treatment.  Waste types suitable for acceptance are limited to the non hazardous wastes specified in Table S2.2.
A5 (DAA to A1)	Storage of processed materials, excluding temporary storage of hazardous waste under Section 5.6 A(1)(a)	R13: Storage of waste pending the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	From storage of processed materials to despatch off site for recovery.  Storage of separated ferrous, non-ferrous metals, and shredder residue following treatment.
A6 (DAA to A1 and A2)	Raw materials storage	Storage of raw materials including, nitrogen, foam, lubrication oil and diesel.	From the receipt of raw materials to despatch for use within the facility.
A7	Surface Water Management	Collection and Management	--

<b>Table S1.1 activities</b>		
<b>Activity reference</b>	<b>Description of activities for waste operations</b>	<b>Limits of activities</b>
A8 Vehicle storage, depollution and dismantling (authorised treatment) facility.	<p><b>R13:</b> 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><b>R4:</b> Recycling/ reclamation of metals and metal compounds</p> <p><b>R5:</b> Recycling/ reclamation of other inorganic compounds</p> <p><b>R3:</b> Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)</p>	<p>From receipt of waste to treatment and storage of recovered non-hazardous components.</p> <p>Treatment operations shall be limited to:</p> <ul style="list-style-type: none"> <li>• Treatment consisting only of depollution of waste motor vehicles and sorting, separation, grading, baling, shearing, compacting, crushing or cutting of waste into different components for recovery of wastes.</li> </ul> <p>Wastes shall be stored for no longer than 1 year prior to disposal and 3 years prior to recovery.</p> <p>No more than 20 tonnes of intact waste vehicle tyres (waste code 16 01 03) shall be stored at the site as part of the maximum of 349,000 tonnes of all waste types, at any one time.</p> <p>Uncontaminated plastic, glass and ferrous and non-ferrous metal wastes (including depolluted waste motor vehicles) arising from the treatment of end-of-life vehicles shall be stored on hard standing or an impermeable surface with sealed drainage system.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.3.</p>
A9 Waste electrical and electronic equipment authorised treatment facility	<p><b>R13:</b> 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><b>R3:</b> Recycling/ reclamation of organic substances which are not used as solvents</p> <p><b>R4:</b> Recycling/ reclamation of metals and metal compounds</p> <p><b>R5:</b> Recycling/ reclamation of other inorganic compounds</p>	<p>From receipt of waste to treatment and storage of recovered of non-hazardous components.</p> <p>Treatment operations shall be limited to:</p> <ul style="list-style-type: none"> <li>• Treatment consisting only of sorting, dismantling, separation, screening, grading, baling, shearing, compacting, crushing, repair or refurbishment, or cutting of waste into different components for recovery.</li> </ul> <p>Treatment of WEEE shall be carried out within a building provided with a weatherproof covering.</p> <p>Buildings shall meet the following</p>

Table S1.1 activities		
Activity reference	Description of activities for waste operations	Limits of activities
		<p>requirements:</p> <ul style="list-style-type: none"> <li>• Buildings shall be designed, constructed and maintained to prevent ingress of rain and surface water;</li> <li>• rain and uncontaminated surface water shall be kept separate from contaminated water and other liquids;</li> </ul> <p>No more than 10 tonnes per day of hazardous waste specified in table S2.4 to be treated at the site.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.4.</p>
A10 Metal Recycling	<p><b>R13:</b> 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><b>R4:</b> Recycling/ reclamation of metals and metal compounds</p>	<p>From receipt of waste to treatment and storage of recovered non-hazardous waste.</p> <p>Treatment operations shall be limited to:</p> <ul style="list-style-type: none"> <li>• Treatment consisting only of sorting, separation, grading, shearing, bailing, compaction, crushing or cutting of non-hazardous waste into different components for recovery.</li> </ul> <p>Wastes shall be stored for no longer than 3 years prior to recovery.</p> <p>Uncontaminated ferrous metal wastes or alloys and uncontaminated non-ferrous metal wastes shall be stored on hard standing or an impermeable surface with sealed drainage system.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.5.</p>
A11 Storage of Furnace Ready Scrap	<p><b>R13:</b> 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>From receipt of waste to treatment and storage of recovered of non-hazardous waste.</p> <p>Wastes shall be stored for no longer than 3 years prior to recovery.</p> <p>Uncontaminated furnace ready scrap metal waste shall be stored on hard standing or an</p>

<b>Table S1.1 activities</b>		
<b>Activity reference</b>	<b>Description of activities for waste operations</b>	<b>Limits of activities</b>
		<p>impermeable surface with sealed drainage system.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.6.</p>

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
How to comply with your Environmental Permit	Document 433_11 Parts 1 and 2	n/a
Sector Guidance Note IPPC S5.06: Guidance for the recovery and Disposal of Hazardous and Non Hazardous Waste	2.1.1 Pre-acceptance procedures to assess waste 2.1.2 Acceptance procedures when waste arrives at the installation 2.1.3 Waste storage 2.1.4 Treatment - general principles 2.2.1 Point source emissions to air 2.2.2 Point source emissions to surface water and sewer 2.3 Management 2.4 Raw materials 2.5 Waste handling 2.6 Waste recovery or disposal 2.7 Energy	n/a
Application (variation EPR/EP3091NT/V006)	Response to section 3, Part B3 of the application form incorporation of TGN How to comply and SGN S5.06.	06/07/15
Response to Schedule 5 notice dated 27/10/15	All parts (Acceptance of hazardous and non-hazardous waste)	07/12/15

<b>Table S1.3 Substances, preparations and components to be removed from separately collected WEEE</b>
<p>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)</p> <p>Mercury-containing components, such as switches or backlighting lamps</p> <p>Batteries</p>

**Table S1.3 Substances, preparations and components to be removed from separately collected WEEE**

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 > 25 mm, diameter > 25 mm 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 Improvement programme requirements**

Reference	Requirement	Date
IC1	The operator shall submit a written management system to the	29/04/16

<b>Table S1.5 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
	<p>Environment Agency for written approval.</p> <p>The management system must ensure that all installation activities (Activities reference A1 to A7 in Table S1.1) are undertaken in accordance with Best Available Techniques.</p> <p>The management system shall include but no be limited to:</p> <ul style="list-style-type: none"> <li>(a) a clearly documented and auditable waste acceptance procedure which details: <ul style="list-style-type: none"> <li>(i) assessment of potential in-feed including pre-acceptance checks to ensure that the wastes received are suitable for shredding;</li> <li>(ii) procedures for the identification, confiscation and repatriation of gas cylinders and other prohibited items;</li> <li>(iii) a dedicated waste reception area with suitably trained staff controlling inspection, reception and validation of wastes;</li> <li>(iv) a dedicated quarantine area for wastes that are prohibited; awaiting full inspection, testing or removal</li> </ul> </li> <li>(b) clearly documented and auditable material handling procedures that ensure emissions including dust and noise from material handling are prevented or where that is not practicable minimised, and</li> <li>(c) clearly documented and auditable procedures for the management of shredder residues which ensure that: <ul style="list-style-type: none"> <li>(i) all residues are stored on impermeable surface with sealed drainage in a way that prevents or where that is not practicable, minimises emissions and prevents wind-blown dispersion</li> <li>(ii) all residues are characterised and assessed for appropriate further processing, recovery or disposal</li> </ul> </li> </ul> <p>The operator shall implement the management system in accordance with the Environment Agency's written approval.</p>	
IC2	<p>The operator shall submit proposals to the Environment Agency that demonstrate they are preventing, or where that is not practicable, minimising emissions of dust and particulates by the movement and handling of materials by using conveyor belt. This should include as appropriate:</p> <ul style="list-style-type: none"> <li>(a) covering of conveyors, transfer points and drop points downstream of the shredder; and</li> <li>(b) spraying and misting shall be used in dry or windy conditions</li> </ul>	29/07/16
IC3	<p>The operator shall develop and submit a fire prevention plan to the Environment Agency in writing. The plan shall take into account the required information as specified in the Environment Agency's technical guidance, Fire Prevention Plans (version 2, dated March 2015). The appropriate measures for fire prevention shall include:</p> <ul style="list-style-type: none"> <li>• the management of storage of feedstock, product and/or waste piles</li> </ul>	29/04/16

<b>Table S1.5 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
	<ul style="list-style-type: none"> <li>• measures to prevent, detect and contain fires; and</li> <li>• the management of firewater.</li> </ul> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the written proposals.</p> <p>The operator shall implement the procedures and measures in accordance with the Environment Agency's written approval.</p>	
IC4	<p>The operator shall submit a written plan to the Environment Agency for approval that includes:</p> <ul style="list-style-type: none"> <li>(a) proposals to undertake representative monitoring of the air discharged from point A1 including the parameters to be monitored, frequencies of monitoring and methods to be used;</li> <li>(b) confirmation that a written report will be submitted to the Environment Agency for approval that includes: <ul style="list-style-type: none"> <li>(i) the results of an assessment of the impact of the emission to air from the site using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as agreed with the Environment Agency) based on the parameters monitored in (a) above; and</li> <li>(ii) proposals for appropriate measures to mitigate the impact of the emission where the assessment determines they are significant, including emissions limits and monitoring and dates for implementation of individual measures; and</li> <li>(iii) details of appropriate measures for the operation and maintenance of the abatement system to ensure that where emission limits are proposed they are met or, where emission limits are not required, emissions remain insignificant.</li> </ul> </li> </ul> <p>The operator shall carry out the monitoring in accordance with the Environment Agency's written approval.</p>	29/04/16
IC5	<p>The operator shall submit a written proposal to the Environment Agency to carry out tests to determine the size distribution of the particulate matter in the exhaust gas emissions to air from emission point A1, identifying the fractions within the PM<sub>10</sub>, and PM<sub>2.5</sub> ranges. The proposal shall include a timetable for approval by the Environment Agency to carry out such tests and produce a report on the results.</p> <p>On receipt of written agreement by the Environment Agency to the proposal and the timetable, the Operator shall carry out the tests and submit to the Environment Agency a report on the results.</p>	29/07/16

## Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Diesel fuel	Low sulphur

Table S2.2 Permitted Waste types and quantities for Metal Shredding	
Waste Code	Description
<p><b>Maximum Quantities</b></p> <p>The total quantity of waste accepted at the site for processing via activity A1 shall not exceed 45,000 tonnes per year.</p> <p>Annual throughput for all waste accepted at the site shall not exceed 349,000 tonnes per year.</p> <p>Total daily waste storage and treatment capacity for activity A1 is 250 tonnes.</p>	
<p><b>Exclusions</b></p> <p>Wastes having any of the following characteristics shall not be accepted:</p> <ul style="list-style-type: none"> <li>• Consisting solely or mainly of dusts, powders or loose fibres</li> <li>• Wastes that are in a form which is either sludge or liquid</li> </ul>	
Waste Code	Description
17	<b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>
17 04	<b>metals (including their alloys)</b>
17 04 11	cables other than those mentioned in 17 04 10
19	<b>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</b>
19 10	<b>wastes from shredding of metal-containing wastes</b>
19 10 02	non-ferrous wastes
19 12	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
19 12 03	non-ferrous metal

Table S2.3 Permitted waste types and quantities for Vehicle storage, depollution and dismantling (authorised treatment) facility.	
Waste code	Description
<p><b>Maximum Quantities</b></p> <p>The total quantity of waste accepted at the site for processing via activity A8 shall not exceed 20,000 tonnes</p>	



<b>Table S2.3 Permitted waste types and quantities for Vehicle storage, depollution and dismantling (authorised treatment) facility.</b>	
<b>Waste code</b>	<b>Description</b>
per year.	
Annual throughput for all waste accepted at the site shall not exceed 349,000 tonnes per year.	
Total daily waste storage and treatment capacity for activity A8 is 100 tonnes.	
<b>Exclusions</b>	
Wastes having any of the following characteristics shall not be accepted: Consisting solely or mainly of dusts, powders or loose fibres	
<b>Waste Code</b>	<b>Description</b>
<b>13</b>	<b>OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)</b>
<b>13 01</b>	<b>waste hydraulic oils</b>
13 01 09*	mineral-based chlorinated hydraulic oils
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 12*	readily biodegradable hydraulic oils
13 01 13*	other hydraulic oils
<b>13 02</b>	<b>waste engine, gear and lubricating oils</b>
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
<b>13 08</b>	<b>oil wastes not otherwise specified</b>
13 08 01*	De Salter sludges or emulsions
13 08 02*	other emulsions
13 08 99*	wastes not otherwise specified
<b>16</b>	<b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>
<b>16 01</b>	<b>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)</b>
16 01 03	end of life tyres
16 01 04*	end-of-life vehicles
16 01 06	end-of life vehicles (containing neither liquids nor other hazardous components)
16 01 07*	oil filters
16 01 08*	components containing mercury
16 01 09*	components containing PCBs

<b>Table S2.3 Permitted waste types and quantities for Vehicle storage, depollution and dismantling (authorised treatment) facility.</b>	
<b>Waste code</b>	<b>Description</b>
16 01 10*	explosive components (for example air bags)
16 01 11*	brake pads containing asbestos
16 01 12	brake pads other than those mentioned in 16 01 11
16 01 13*	brake fluids
16 01 13*	antifreeze fluids containing hazardous pollutants
16 01 15	antifreeze fluids other than those mentioned 16 01 14
16 01 16	tanks for liquefied gas
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 19	plastic
16 01 20	glass
16 01 21*	hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14
16 01 22	components not otherwise specified
<b>16 06</b>	<b>batteries and accumulators</b>
16 06 01*	lead batteries
16 06 05	other batteries and accumulators

<b>Table S2.4 Permitted Waste types and quantities for Waste Electrical and Electronic Equipment authorised treatment facility</b>	
<b>Waste Code</b>	<b>Description</b>
<b>Maximum Quantities</b>	
The total quantity of waste accepted at the site for processing via activity A9 shall not exceed 20,000 tonnes per year.	
Annual throughput for all waste accepted at the site shall not exceed 349,000 tonnes per year.	
Total daily waste storage and treatment capacity for activity A9 is 50 tonnes.	
<b>Exclusions</b>	
Wastes having any of the following characteristics shall not be accepted:	
<ul style="list-style-type: none"> <li>• Consisting solely or mainly of dusts, powders or loose fibres</li> <li>• Containing ozone-depleting substances</li> </ul>	
<b>Waste Code</b>	<b>Description</b>
<b>16 02</b>	<b>wastes from electrical and electronic equipment</b>
16 02 09*	transformers and capacitors containing PCBs

<b>Table S2.4 Permitted Waste types and quantities for Waste Electrical and Electronic Equipment authorised treatment facility</b>	
<b>Waste Code</b>	<b>Description</b>
16 02 10*	discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
16 02 12*	discarded equipment containing free asbestos
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 15*	hazardous components removed from discarded equipment
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
<b>16 06</b>	<b>batteries and accumulators</b>
16 06 01*	lead batteries
16 06 02*	Ni-Cd batteries
16 06 03*	mercury-containing batteries
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
<b>20</b>	<b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>
<b>20 01</b>	<b>separately collected fractions (except 15 01)</b>
20 01 21*	fluorescent tubes and other mercury-containing waste
20 01 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
20 01 34	batteries and accumulators other than those mentioned in 20 01 33
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35

<b>Table S2.5 Permitted Waste types and quantities for Metal Recycling</b>	
<b>Waste Code</b>	<b>Description</b>
<b>Maximum Quantities</b>	
The total quantity of waste accepted at the site for processing via activity A10 shall not exceed 245,000 tonnes per year.	
Annual throughput for all waste accepted at the site shall not exceed 349,000 tonnes per year.	
Total daily waste storage and treatment capacity for activity A10 is 550 tonnes.	

<b>Table S2.5 Permitted Waste types and quantities for Metal Recycling</b>	
<b>Waste Code</b>	<b>Description</b>
<b>Exclusions</b>	
Wastes having any of the following characteristics shall not be accepted:	
<ul style="list-style-type: none"> <li>• Consisting solely or mainly of dusts, powders or loose fibres</li> <li>• Wastes that are in a form which is either sludge or liquid</li> </ul>	
<b>Waste Code</b>	<b>Description</b>
<b>16</b>	<b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>
<b>16 01</b>	<b>end-of-life vehicles from different means of transport (including off-road machinery) and waste from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)</b>
16 01 06	end-of-life vehicles containing neither liquids nor other hazardous components
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 22	components not otherwise specified
<b>16 06</b>	<b>batteries and accumulators</b>
16 06 01*	lead batteries
<b>17</b>	<b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>
<b>17 04</b>	<b>metals (including their alloys)</b>
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 10*	cables containing oil, coal tar and other hazardous substances – for transfer and storage only.
17 04 11	cables other than those mentioned in 17 04 10
<b>19</b>	<b>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</b>
<b>19 01</b>	<b>wastes from incineration or pyrolysis of waste</b>
19 01 02	ferrous materials removed from bottom ash
<b>19 10</b>	<b>wastes from shredding of metal-containing wastes</b>
19 10 01	iron and steel waste
19 10 02	non-ferrous wastes

<b>Table S2.5 Permitted Waste types and quantities for Metal Recycling</b>	
<b>Waste Code</b>	<b>Description</b>
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
19 12 02	ferrous metal
19 12 03	non-ferrous metal
<b>20</b>	<b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>
<b>20 01</b>	<b>separately collected fractions (except 15 01)</b>
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 40	metals

<b>Table S2.6 Permitted Waste types and quantities for Furnace Ready Scrap Storage</b>	
<b>Waste Code</b>	<b>Description</b>
<b>Maximum Quantities</b>	
The total quantity of waste accepted at the site for processing via activity A11 shall not exceed 245,000 tonnes per year.	
Annual throughput for all waste accepted at the site shall not exceed 349,000 tonnes per year.	
Total daily waste storage and treatment capacity for activity A11 is 550 tonnes.	
<b>Exclusions</b>	
Wastes having any of the following characteristics shall not be accepted:	
<ul style="list-style-type: none"> <li>• Consisting solely or mainly of dusts, powders or loose fibres, unless within a suitable container</li> <li>• Wastes that are in a form which is either sludge or liquid</li> </ul>	
<b>Waste Code</b>	<b>Description</b>
<b>16</b>	<b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>
<b>16 01</b>	<b>end-of-life vehicles from different means of transport (including off-road machinery) and waste from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)</b>
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 22	components not otherwise specified
<b>16 02</b>	<b>discarded equipment and its components</b>
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13 (ferrous and non-ferrous metal waste only)
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15 (ferrous and non-ferrous metal waste only)
<b>16 06</b>	<b>batteries and accumulators</b>

<b>Table S2.6 Permitted Waste types and quantities for Furnace Ready Scrap Storage</b>	
<b>Waste Code</b>	<b>Description</b>
16 06 01*	lead batteries
<b>17</b>	<b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>
<b>17 04</b>	<b>metals (including their alloys)</b>
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
<b>19</b>	<b>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</b>
<b>19 01</b>	<b>wastes from incineration or pyrolysis of waste</b>
19 01 02	ferrous materials removed from bottom ash
<b>19 10</b>	<b>wastes from shredding of metal-containing wastes</b>
19 10 01	iron and steel waste
19 10 02	non-ferrous wastes
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
19 12 02	ferrous metal
19 12 03	non-ferrous metal
<b>20</b>	<b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>
<b>20 01</b>	<b>separately collected fractions (except 15 01)</b>
20 01 40	metals

## Schedule 3 – Emissions and monitoring

Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 - Emissions control system exhaust (metal shredder)	Total suspended particulates	Extraction System	10 mg/m <sup>3</sup> or other level agreed in writing with the Environment Agency	Hourly average	Quarterly or other frequency agreed in writing with the Environment Agency	BS EN 13284-1.
[E1 on site plan in schedule 7]	Volatile Organic Carbon (VOCs)	Extraction System	No limit	Hourly average	Annually	BS EN 13649
	Oxides of nitrogen (NO <sub>x</sub> )	Extraction system	No limit			BS EN 14792
	Sulphur dioxide (SO <sub>2</sub> )	Extraction system	No limit			TGN M21 - AM

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 - Emission to land [E3 on site plan in schedule 7]	Uncontaminated site source water from roofs and non operational areas	No parameter set	No limit set	--	Weekly	Visual assessment – no visible oil or grease

Emission point ref. & location	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 - Emission to Thames Water Sewage Treatment Works [E2 on site plan in schedule 7]	Process water and site surface water drainage	Metals	No limit set	--	--	--
		Suspended oils				
		oil/grease				

<b>Table S3.4 Ambient monitoring requirements</b>				
<b>Location or description of point of measurement</b>	<b>Parameter</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>	<b>Other specifications</b>
At a location agreed in writing with the Environment Agency that will obtain reliable and representative data on PM <sub>10</sub> emissions from the waste management operations that enables the operator to identify emissions and take steps to prevent a reoccurrence.	Particulate matter less than 10 millionth of a metre in diameter (PM <sub>10</sub> ).	5 minute average	<p>The equipment shall be operated to a procedure agreed in writing with the Environment Agency.</p> <p>The emissions management plan must include action levels and regular review cycles with an overriding aim to reduce PM<sub>10</sub> emissions from the facility.</p>	<p>Monitoring equipment shall meet the MCERTS Performance Standards for Indicative Ambient Particulate Monitors or similar standard agreed in writing with the Environment Agency.</p> <p>The equipment shall be calibrated in accordance with the manufacturer's recommendations or 6 monthly, whichever is first.</p> <p>The system must be managed and maintained by suitably trained personnel.</p> <p>The system must obtain representative data that must accurately reflect PM<sub>10</sub> levels produced by the site's activities.</p>

<b>Table S3.5 Noise monitoring requirements</b>				
<b>Location or description of point of measurement</b>	<b>Parameter</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>	<b>Other specifications</b>
Perimeter noise survey at grid reference TQ 35044 92545 – Rays Road	Noise	Annually	BS 4142:2014	

<b>Table S3.6 Process monitoring requirements</b>				
<b>Emission point reference or source or description of point of measurement</b>	<b>Parameter</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>	<b>Other specifications</b>
Record of residual wastes removed from the site	Quantities of residual materials from shredding process	Quarterly	-	-



## Schedule 4 – Reporting

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

<b>Table S4.1 Reporting of monitoring data</b>			
<b>Parameter</b>	<b>Emission or monitoring point/reference</b>	<b>Reporting period</b>	<b>Period begins</b>
Point source to air monitoring Parameters as required by condition 3.7.1	A1	Quarterly Annually	1 January 1 January
Ambient air monitoring Parameters as required by condition 3.7.1	As agreed in writing by the Environment Agency.	Monthly	1 January
Noise monitoring Parameters as required by condition 3.7.1	As agreed in writing by the Environment Agency.	Annually	1 January

<b>Table S4.2 Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Metal processed	tonnes
Ferrous metal recovered	tonnes
Non-ferrous metal recovered	tonnes
Non-metallic shredder residue	tonnes
WEEE processed	tonnes
Other fractions recovered	tonnes

<b>Table S4.3 Performance parameters</b>		
<b>Parameter</b>	<b>Frequency of assessment</b>	<b>Units</b>
Water usage	Annually	m <sup>3</sup>
Energy usage	Annually	MWh
Total raw material used	Annually	tonne

<b>Table S4.4 Reporting forms</b>		
<b>Media/parameter</b>	<b>Reporting format</b>	<b>Date of form</b>
Air Emissions	Form particulate 1 or other form as agreed in writing by the Environment Agency	29/01/16
Ambient air monitoring	Form ambient monitoring 1 or other form as agreed in writing by the Environment Agency	29/01/16
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	29/01/16

<b>Table S4.4 Reporting forms</b>		
<b>Media/parameter</b>	<b>Reporting format</b>	<b>Date of form</b>
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	29/01/16
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	29/01/16
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	

<b>(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</b>	
<b>To be notified within 24 hours of detection</b>	
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>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be	

<b>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
taken, to stop the emission	

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

<b>(c) Notification requirements for the detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
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.

“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.

“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.

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

“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.

“Lower Explosive Limit” means the lowest concentration (specified as a percentage) of a combustible gas in air capable of burning in the presence of an ignition source.

“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 <0.18 m <sup>3</sup>
Type 2	Refrigerator or combined refrigerator/freezer with storage capacity >0.18 m <sup>3</sup> & <0.35 m <sup>3</sup>
Type 3	Freezer with storage capacity <0.50 m <sup>3</sup>
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.

“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 Tables S2.2 to S2.6 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.

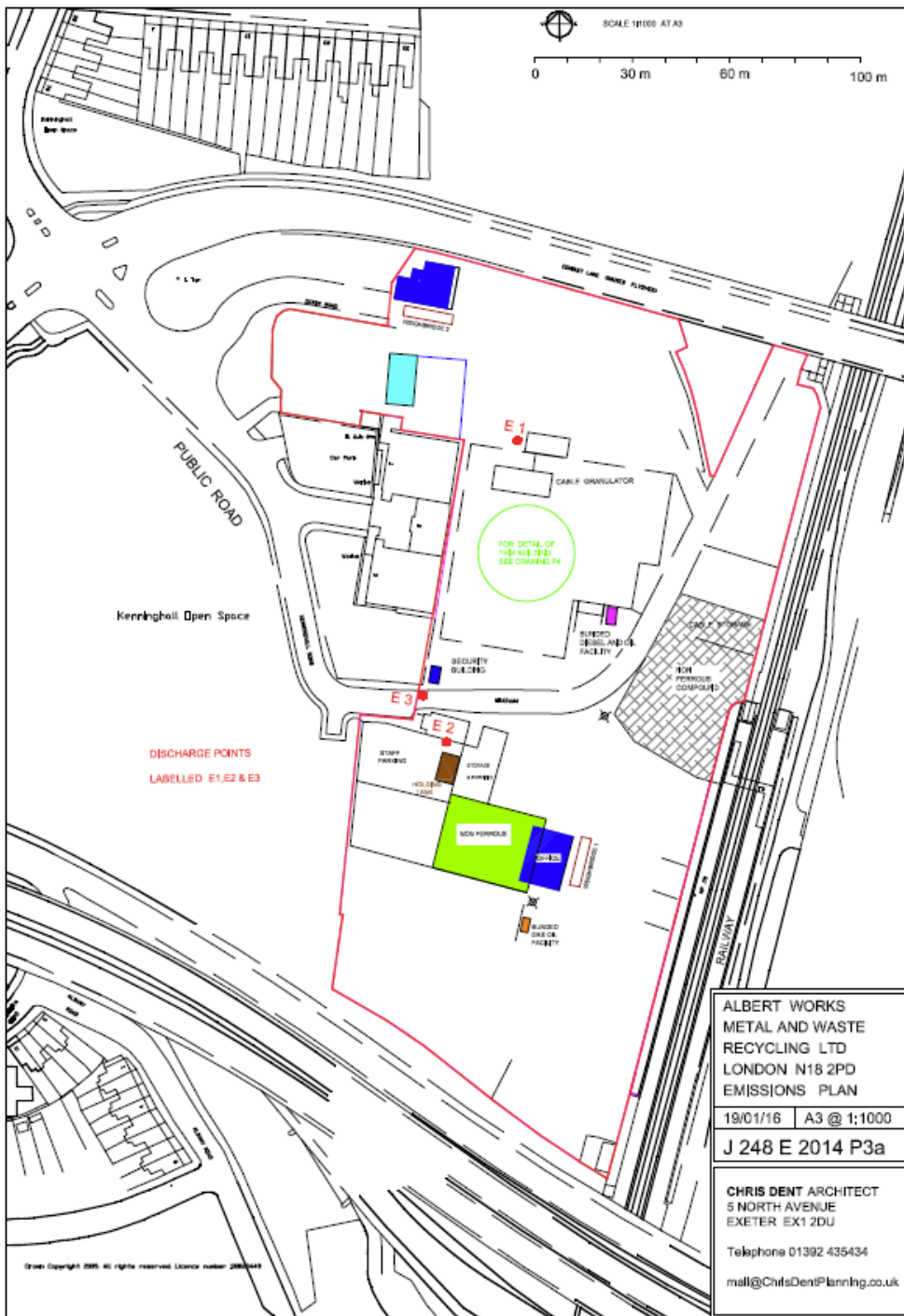
“stabilisation” means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste.

“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



©Crown Copyright. All rights reserved. Environment Agency, 100026380, 2016

END OF PERMIT



**Permit Number:           EPR/EP3091NT**

**Operator:**

**Metal & Waste  
Recycling Limited**

**Facility:                   Albert Works**

**Form Number:**

**particulate 1 / 29/01/16**

**Reporting of emissions to air for the period from DD/MM/YYYY to DD/MM/YYYY**

<b>Emission Point</b>	<b>Substance / Parameter</b>	<b>Emission Limit Value</b>	<b>Reference Period</b>	<b>Result [1]</b>	<b>Test Method [2]</b>	<b>Sample Date and Times [3]</b>	<b>Uncertainty [4]</b>
A1 Shredder	Total Particulates	10 mg/m <sup>3</sup>	Hourly average		As agreed with the Environment Agency		

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed .....

Date.....

(Authorised to sign as representative of Operator)

**Permit Number:           EPR/EP3091NT**

**Operator:**

**Metal & Waste  
Recycling Limited**

**Facility:                   Albert Works**

**Form Number:**

**ambient monitoring 1 /  
29/01/16**

**Reporting of ambient monitoring for the period from DD/MM/YYYY to DD/MM/YYYY**

<b>Emission Point</b>	<b>Parameter</b>	<b>Reference Period</b>	<b>Result [1]</b>	<b>Test Method [2]</b>	<b>Sample Date and Times [3]</b>	<b>Uncertainty [4]</b>
At a location to be agreed in writing with the Environment Agency	Particulate matter less than 10 millionth of a metre in diameter (PM <sub>10</sub> ).	5 minute average				

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed .....

Date.....

(Authorised to sign as representative of Operator)

**Permit Number:       EPR/EP3091NT**

**Operator:             Metal & Waste  
                          Recycling Limited**

**Facility:             Albert Works**

**Form Number:        water usage 1 / 29/01/16**

**Reporting of Water Usage for the year**

<b>Water Source</b>	<b>Usage (m<sup>3</sup>/year)</b>	<b>Specific Usage (m<sup>3</sup>/unit output)</b>
Mains water		
<b>TOTAL WATER USAGE</b>		

Operator's comments:

Signed .....

Date.....

(authorised to sign as representative of Operator)

**Permit Number:           EPR/EP3091NT**

**Operator:**

**Metal & Waste  
Recycling Limited**

**Facility:                   Albert Works**

**Form Number:**

**energy 1 / 29/01/16**

**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		
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/EP3091NT**

**Operator:             Metal & Waste  
                          Recycling Limited**

**Facility:              Albert Works**

**Form Number:        performance 1 / 29/01/16**

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

<b>Parameter</b>	<b>Units</b>
Total of each raw material used	tonnes

Operator's comments:

Signed .....

Date.....

(Authorised to sign as representative of Operator)