

# Notice of variation and consolidation with introductory note

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

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ELG Metals UK Limited  
Templeborough Works  
Sheffield Road  
Sheffield  
S9 1RT

**Variation application number**

EPR/LB3437RX/V007

**Permit number**

EPR/LB3437RX

# Templeborough Works

## Permit number EPR/LB3437RX

### Introductory note

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

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

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

This permit variation has been issued to implement guidance "Treating metal waste in shredders: appropriate measures for permitted facilities".

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

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

The Treating metal waste in shredders: appropriate measures for permitted facilities guidance was published on gov.uk on 20 October 2021. The guidance explains the standards that are relevant to regulated facilities with an environmental permit to treat or transfer relevant wastes, providing indicative BAT for those sites.

This permit variation has been issued to update some of the conditions following a statutory review of the permits in the metal shredding sector and to implement the appropriate measures guidance. The opportunity has also been taken to consolidate the original permit and subsequent variations where appropriate.

#### **Brief description of the process**

The operation on Site includes a Schedule 1 activity, Section 5.4 A(1) (b) (iv) and a Waste Operation for metal recycling.

The site receives stainless steel and associated alloys to be processed either by sorting, grading, shredding, plasma cutting, gas cutting, shearing, or by guillotine shear.

The site is located on an industrial estate but there is residential housing bordering the south west perimeter, and the site shares a border with another permitted site, EPR/LP3428SC. The site also holds a standard rules permit: SR2017 No1 Unintentional receipt of radioactive materials and radioactive waste by the operator of any facility which uses a radiation detection system (EPR/TP3096DD).

Noise is generated on site by moving and treatment of metals. To reduce noise pollution the yard is surrounded by walls. There are no point source emissions to air, however, the shredder does have water suppression on the infeed and the outfeed conveyor goes into a three sided, roofed building with a plastic curtain on the open side to reduce dust. All site drainage goes through an interceptor to sewer to be treated at Blackburn Meadows sewage treatment works.

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Application received EPR/LB3437RX/A001	Duly made 15/10/2012	Application for metals recycling facility.
Permit determined (EAWML 104756) EPR/LB3437RX	04/12/2012	Permit issued to ELG Haniel Metals Ltd.
Application EPR/LB3437RX/V002	Duly made 10/09/2014	Application to vary and update the permit to IED conditions.
Further information EPR/LB3437RX/V002	28/08/2015	Further information on site drainage and OPRA.
Variation determined EPR/LB3437RX (Billing ref: XP3232WZ)	03/03/2016	Varied and consolidated permit issued in modern condition format.
Application EPR/LB3437RX/V003 (variation)	Duly made 06/10/16	Application to vary the permit by adding an additional waste code.
Variation determined EPR/LB3437RX (Billing Ref: RP3736DX)	22/11/2016	Varied permit issued.
Notified of change of Company Name	19/01/2022	Name changed to ELG Metals UK Limited
Variation issued EPR/LB3437RX/V004	06/07/2022	Varied permit issued to ELG Metals UK Limited
Application EPR/LB3437RX/T005 (partial transfer) and EPR/LB3437RX/V006 (minor variation)	Duly made Variation 11/05/2023 Partial Transfer 20/07/2023	Application to transfer metal recycling facility to ELG Utica Alloys Limited and add waste codes.
Further information to RFI dated 17/10/2023	17/10/2023	Removal of Waste code EWC 15 01 04 from application.
Further information to RFI dated 10/11/2023	17/11/2023	Updated Site plan provided.
Transfer and Variation determined EPR/LB3437RX	24/11/2023	Transfer and variation determined and notice of transfer and variation issued EPR/LB3437RX
Regulation 61 Notice sent to Operator	17/12/2021	Regulation 61 Notice requiring information for statutory review of permit.
Regulation 61 Notice response	14/04/2022	Response received from the operator.
Permit review - Application (variation and consolidation) EPR/LB3437RX/V007	Environment Agency Initiated Variation	Statutory review of permit occasioned by Waste Treatment BAT Conclusions published on 17 August 2018 and Treating metal waste in shredders: appropriate measures for permitted facilities published 20 October 2021.

Additional information received in response to the Request for Further Information (RFI) dated 18/11/2024	Response received 05/12/2024	Response received detailing: <ul style="list-style-type: none"> <li>- Compliance with parts of the Appropriate Measures guidance</li> <li>- Quantity of waste treated per day</li> </ul>
Environment Agency Waste Treatment Sector Review Permit reviewed Variation determined EPR/LB3437RX/V007	19/06/2025	Varied and consolidated permit issued.

End of introductory note

# Notice of variation and consolidation

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

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

### Permit number

EPR/LB3437RX

### Issued to

**ELG Metals UK Limited** ("the operator")

whose registered office is

**Templeborough Works**

**Sheffield Road**

**Sheffield**

**S9 1RT**

company registration number 01517971

to operate a regulated facility at

**Templeborough Works**

**Sheffield Road**

**Sheffield**

**S9 1RT**

to the extent set out in the schedules.

The notice shall take effect from 19/06/2025.

Name	Date
Hannah Finney	19/06/2025

Authorised on behalf of the Environment Agency

## **Schedule 1**

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

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

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

### Permit number

**EPR/LB3437RX**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/LB3437RX/V007 authorising,

**ELG Metals UK Limited** (“the operator”),

whose registered office is

**Templeborough Works**  
**Sheffield Road**  
**Sheffield**  
**S9 1RT**

company registration number 01517971

to operate an installation at

**Templeborough Works**  
**Sheffield Road**  
**Sheffield**  
**S9 1RT**

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

Name	Date
Hannah Finney	19/06/2025

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
  - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

### 1.2 Energy efficiency

- 1.2.1 For the following activities referenced in schedule 1, table S1.1 AR1 to AR5 the operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
  - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
  - (c) take any further appropriate measures identified by a review.

### 1.3 Efficient use of raw materials

- 1.3.1 For the following activities referenced in schedule 1, table S1.1 AR1 to AR5 the operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
  - (b) maintain records of raw materials and water used in the activities;
  - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
  - (d) take any further appropriate measures identified by a review.

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

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
  - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
  - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.



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

## **2 Operations**

### **2.1 Permitted activities**

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).
- 2.1.2 For the following activities referenced in schedule 1, table S1.1 AR1 to AR5 waste authorised by this permit shall be clearly distinguished from any other waste on the site.

### **2.2 The site**

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

### **2.3 Operating techniques**

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2 unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 All activities shall take place on impermeable surfaces 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(s) S2.1, S2.2 and S2.3; 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 properties 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 Improvement programme**

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

## **3 Emissions and monitoring**

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

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

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

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

### **3.3 Odour**

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

### **3.4 Noise and vibration**

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.4.2 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.

### **3.5 Monitoring**

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1 and S3.2; and
  - (b) ambient air monitoring specified in table S3.3;
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 table S3.1 and S3.2 unless otherwise agreed in writing by the Environment Agency.

### **3.6 Monitoring for radioactive substances**

- 3.6.1 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.
- 3.6.2 Monitoring equipment shall be installed and operational 3 months from the issue of this permit.
- 3.6.3 The monitoring carried out to fulfil condition 3.6.1 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.
- 3.6.4 The equipment referred to in condition 3.6.3 (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.
- 3.6.5 All radiation monitoring equipment shall be subject to a regular calibration and testing programme to ensure satisfactory performance is maintained.

- 3.6.6 The operator shall establish and maintain procedures for responding to alarms generated by the equipment referred to in condition 3.6.3.
- 3.6.7 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.

### **3.7 Pests**

- 3.7.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.
- 3.7.2 The operator shall:
- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, 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.

### **3.8 Fire prevention**

- 3.8.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.
- 3.8.2 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 For the following activities referenced in schedule 1, table S1.1 AR1 to AR5 a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. 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 one 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 year.

## 4.3 Notifications

- 4.3.1 In the event:
- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
    - (i) inform the Environment Agency,
    - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
    - (iii) take the measures necessary to prevent further possible incidents or accidents;
  - (b) of a breach of any permit condition the operator must immediately—
    - (i) inform the Environment Agency, and
    - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
  - (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and
  - (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- Where the operator is a corporate body other than a registered company:
- (a) any change in the operator's name or address; and
  - (b) any steps taken with a view to the dissolution of the operator.
- In any other case:
- (a) the death of any of the named operators (where the operator consists of more than one named individual);
  - (b) any change in the operator's name(s) or address(es); and
  - (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.
- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
- (a) the Environment Agency shall be notified at least 14 days before making the change; and
  - (b) the notification shall contain a description of the proposed change in operation.
- 4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

## **4.4 Interpretation**

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately" in which case it may be provided by telephone.

# Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
AR1	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.	Shredding of non-hazardous metal waste.  R4: Recycling/reclamation of metals and metal compounds	From treatment of waste by shredding to storage of treated waste.  Treatment consisting only of shredding of waste containing ferrous and non-ferrous metals for recovery.  Waste types suitable for acceptance are limited to those non-hazardous waste types specified in Table S2.2.  No more than 500 tonnes of waste shall be shredded per day.  Treated waste shall be stored for no longer than 6 months.  Storage of non-metallic shredder residue shall be under cover.
<b>Directly Associated Activities</b>			
AR2	Storage of non-hazardous waste pending treatment	Storage of non-hazardous waste pending treatment by shredding.  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 storage of waste prior to treatment by shredding.  Storage for no more than 6 months prior to treatment or transfer.  Waste types suitable for acceptance are limited to those specified in Table S2.2.
AR3	Physical treatment for the purpose of recycling	Manual and mechanical sorting, separation, grading, shearing, plasma cutting, and gas cutting.  R4: Recycling/reclamation of metals and metal compounds	From treatment to shredding within AR1 to dispatch off site for recovery.  Treatment consisting of sorting, separation, grading, shearing, plasma cutting, and gas cutting of ferrous and non-ferrous metals into different components for recovery.  There shall be no treatment of cables by granulation under this activity.  No more than 75 tonnes of waste shall be treated per day (in aggregate with AR6).

			Treated waste shall be stored in dedicated areas prior to transfer off-site for no longer than 6 months.
AR4	Raw material handling and storage	Handling and storage of raw materials	From the receipt of raw materials to despatch for use within the facility.
AR5	Site surface and process water collection and recirculation	Collection of site surface water and process water from treatment process	From the collection of site surface water and process water from treatment process to re-use within the facility or discharge to sewer.
<b>Waste Operations</b>			
<b>Activity reference</b>	<b>Description of activities for waste operations</b>		<b>Limits of activities</b>
AR6	<p>Metal Recycling</p> <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>Treatment operations shall be limited to:</p> <ul style="list-style-type: none"> <li>Treatment consisting only of sorting, separation, grading, shearing, gas cutting, plasma cutting or guillotine shearing of non- hazardous waste into different components for recovery.</li> </ul> <p>There shall be no treatment of cables by granulation under this activity.</p> <p>The maximum quantity of hazardous waste (in aggregate) that can be accepted or stored at the site shall not exceed 50 tonnes at any one time.</p> <p>Subject to any other requirements of this permit, wastes shall be stored for no longer than 6 months.</p> <p>Uncontaminated ferrous metal wastes or alloys and uncontaminated non-ferrous metal wastes shall be stored on hard standing or an impermeable surface.</p> <p>No more than 75 tonnes of waste shall be treated per day (in aggregate with AR3).</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.3.</p>



<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Section 3a 'Technical Standards' of Part B4	All	15/10/2012
Noise and Vibration Management Plan	Noise and Vibration Management Plan Templeborough Works – ELG.Temp.NVMP – September 2013 (version 1)	26/09/2013 and subsequent versions as agreed in writing with the Environment Agency
Treating metal waste in shredders: appropriate measures for permitted facilities  Version published 20 October 2021	All parts of the appropriate measures guidance shall apply other than: <ul style="list-style-type: none"> <li>those parts to which an improvement programme requirement applies in Table S1.3 (and only until the date that the improvement has been or must be met, whichever is the earlier).</li> </ul>	14/04/2022

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC3a	<p>The operator shall submit a written report to the Environment Agency for approval that proposes a monitoring programme to assess facility's diffuse emissions to air. The report must contain:</p> <ul style="list-style-type: none"> <li>Details of parameters and substances and locations (both inside the building and outside) to be monitored, the monitoring methods and equipment to be used, and a timetable for undertaking the monitoring.</li> </ul> <p>The monitoring programme shall be carried out as approved by the Environment Agency.</p>	6 months from permit issue 19/12/2025
IC3b	<p>The operator shall submit a written report to the Environment Agency for approval detailing:</p> <ul style="list-style-type: none"> <li>Results and conclusions of the monitoring carried out under condition IC3a</li> <li>Review of effectiveness of the facility's current diffuse emissions monitoring strategy and preventative measures</li> <li>Details of potential dust related complaints</li> <li>Proposals for any ongoing monitoring or further assessment where necessary</li> </ul>	6 months from the approval of IC3a

Table S1.3 Improvement programme requirements		
	<ul style="list-style-type: none"> <li>Proposals for any required improvements including a review of need to collect, channel and abate diffuse emissions – as required by BAT 14d</li> <li>Proposals for emissions limits where required</li> <li>Timescales for implementation of proposals where required</li> </ul> <p>The improvements shall be implemented with the timescales as approved by the Environment Agency.</p>	
IC4a	<p>The operator shall submit a written report to the Environment Agency for approval that proposes a monitoring programme to fully characterise and assess the facility's point source emission to air (only if emission point to air is required subject to completion of IC3 (a) and (b)) and water in emission points S1 (shown as green square "drainage point source" in plan in Schedule 7).</p> <p>The monitoring programme shall be designed to meet the requirements of the Environment Agency's guidance Treating metal waste in shredders: appropriate measures for permitted facilities, dated 22 October 2021 referred to in in Table S1.2. Specifically the operator must demonstrate that the following appropriate measures of the guidance will be met:</p> <p>7.1 Emissions to air (only if emission point to air is required subject to completion of IC3 (a) and (b))  7.2 Emissions limits and monitoring requirements  7.3 Emissions to water or sewer</p> <p>The report shall:</p> <ol style="list-style-type: none"> <li>include proposals for monitoring the following parameters: those listed in Schedule 3, Table S3.1 and S3.2 or present conclusive evidence to suggest any parameter is not present/relevant in the emission.</li> <li>Detail the monitoring methods, equipment and frequency to be used and justify any alternatives to the methods set out in Schedule 3, Table S3.1 and S3.2 for monitoring the listed parameters</li> <li>Establish a timetable for undertaking the monitoring.</li> </ol>	<p>Submission of written report proposing monitoring programme</p> <p>For emissions to water: 6 months from permit issue 19/12/2025</p> <p>For emissions to air: 3 months from completion of IC3 (a) and (b)</p>
IC4b	<p>The operator shall submit a written report to the Environment Agency for assessment and written approval.</p> <p>The report must include:</p> <ol style="list-style-type: none"> <li>the results and conclusions of the emissions monitoring and assessment undertaken in accordance with the approved monitoring programme under condition IC4a.</li> <li>A comparison of the monitoring results with the limits listed in Schedule 3, Table S3.1 and S3.2 or reference the BAT-AELs for each parameter.</li> <li>the results and conclusions from an assessment of the environmental impact of the emissions to air/water using all relevant parameters identified from the monitoring programme proposed under condition IC4a. The assessment must be carried out using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as</li> </ol>	<p>Submission of written report detailing monitoring and assessment results and further proposals 6 months from approval of monitoring report in accordance with IC4a or as agreed with the</p>

Table S1.3 Improvement programme requirements		
	<p>agreed with the Environment Agency) and/or modelling as required following our guidance:</p> <ul style="list-style-type: none"> <li>• <u>'Surface water pollution risk assessment for your environmental permit'</u></li> <li>• <u>Air emissions risk assessment for your environmental permit - GOV.UK</u></li> </ul> <p>Where it is concluded that the impact of the emission may be significant or is exceeding an environment standard</p> <p>The operator shall</p> <p>d) Review the BAT AELs and determine whether there is a requirement for emissions limits to be lower than the BAT AELs in order to prevent exceedance of environmental standards.</p> <p>e) Propose revised emission limits</p> <p>Where the proposed limits, limits listed in Table S3.1 and S3.2 for any parameter could be exceeded, the report must also include:</p> <p>f) Proposals for measures to mitigate the emission to meet the relevant emission limit such as (additional) abatement and timescales for the implementation of the measures.</p> <p>The proposals shall be implemented within 6 months of approval of the report or as agreed in writing by the Environment Agency.</p>	Environment Agency
IC5	<p>The operator shall review and resubmit their site drainage plan to the Environment Agency for approval. The plan shall review the feasibility of clean and dirty water control segregation measures and options for containment, treatment, recycling and re-use of water. The plan shall confirm impermeable surfacing and a sealed drainage system are in place for external areas of the site where waste is stored or handled.</p>	6 months from permit issue 19/12/2025

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

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

Table S2.2 Permitted Waste types and quantities for Metal Shredding (AR1)	
<b>Maximum Quantities</b>	
The total quantity of waste accepted at the site shall be less than 250,000 tonnes a year.	
Waste Code	Description
<b>12</b>	<b>WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS</b>
<b>12 01</b>	<b>wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>
12 01 01	ferrous metal filings and turnings
12 01 03	non-ferrous metal filings and turnings
<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 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

Table S2.3 Permitted Waste types and quantities for Metal Recycling (AR6)	
<b>Maximum Quantities</b>	
The total quantity of waste accepted at the site shall be less than 250,000 tonnes a year.	
Waste Code	Description
<b>02</b>	<b>WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING</b>
<b>02 01</b>	<b>Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing</b>
02 01 10	waste metal
<b>12</b>	<b>WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS</b>
<b>12 01</b>	<b>wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>
12 01 01	ferrous metal filings and turnings
12 01 03	non-ferrous metal filings and turnings
<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 17	ferrous metal
16 01 18	non-ferrous metal
<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 hazardous substances other than oil and coal tar

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 10</b>	<b>wastes from shredding of metal-containing wastes</b>
19 10 01	iron and steel waste
19 10 02	non-ferrous wastes
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
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

Table S3.1 Point source emissions to air – emission limits and monitoring requirements.						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency (Note 1) Note 2)	Monitoring standard or method
Subject to outcome of completion of IC3 (a) and (b)	Metal shredder air extraction and abatement system	Dust	5 mg/m <sup>3</sup>	Average value of 3 consecutive measurements of at least 30 minutes	6 monthly	EN 13284-1
		Total VOCs	-	Average value of 3 consecutive measurements of at least 30 minutes	6 monthly	EN 12619
		Brominated flame retardants (Note 3)	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	BS EN 1948
		Dioxin-like polychlorinated biphenyls (PCBs) (Note 3)	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	EN 1948-1, 2, 4. (Note 4)
		Metals (As, Cd, Co, Cr, Cu, Mn, Ni, Pb, Sb, Se, Ti, V) (Note 3)	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	EN 14385
		Dioxins and furans (PCDD/F) (Note 3)	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	EN 1948-1, 2, 3 (Note 4)
A1 Emission point from plasma cutting booth shown as red square on site plan in Schedule 7	Plasma cutting	-	-	-	-	-

Table S3.1 Point source emissions to air – emission limits and monitoring requirements.						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency (Note 1) Note 2)	Monitoring standard or method
<p>Note 1: An alternative monitoring frequency may be agreed in writing with Environment Agency following completion of Emissions inventory in accordance with section 7.1 Emissions to Air of Treating metal waste in shredders: appropriate measures for permitted facilities.</p> <p>Note 2: Monitoring frequencies may be reduced with the written agreement of the Environment Agency if emission levels are proven to be sufficiently stable</p> <p>Note 3: This substance is only required to be monitored where present in the waste gas stream.</p> <p>Note 4: Instead of EN 1948-1, sampling may also be carried out according to CEN/TS 1948-5.</p>						

Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter (Note 3)	Limit (incl. Unit) (Note 5)	Reference period (Note 1)	Monitoring frequency (Note 2)	Monitoring standard or method
S1 - Emission to Yorkshire Water foul sewer, shown as blue square “drainage point source” on site plan in Schedule 7.	Process water and site surface water drainage	Hydrocarbon oil index (Note 6)	10 mg/l	--	Monthly	EN ISO 9377-2
		Arsenic (Note 4) (Note 6)	0.05 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Cadmium (Note 4) (Note 6)	0.05 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Chromium (Note 4) (Note 6)	0.15 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Copper (Note 4) (Note 6)	0.5 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 EN ISO 15586



**Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements**

Emission point ref. & location	Source	Parameter (Note 3)	Limit (incl. Unit) (Note 5)	Reference period (Note 1)	Monitoring frequency (Note 2)	Monitoring standard or method
		Lead  (Note 4) (Note 6)	0.3 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Nickel  (Note 4) (Note 6)	0.5 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Zinc  (Note 4) (Note 6)	2.0 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Mercury  (Note 4) (Note 6)	0.005 mg/l	--	Monthly	BS EN ISO 17852 EN ISO 12846
		PFOA PFOS Deca BDE (Note 4)	-	--	6 monthly	BS ISO 25101

Note 1 - Relevant reference period:

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

Note 2 – Monitoring frequencies may be reduced by written agreement of the Environment Agency if emission levels are proven to be sufficiently stable.

Note 3: In addition the operator shall monitor for relevant waste water parameters as required for example flow, pH, temperature, conductivity, BOD.

Note 4: This substance is only required to be monitored where present in the waste water emissions inventory.

Note 5: The BAT-AEL may not apply if the downstream waste water treatment plant abates the pollutant concerned, provided this does not lead to a higher level of pollution of the environment. The operator may request in writing to disapply the BAT-AEL, supported by a revised H1 Assessment and confirmation from the sewerage undertaker that the waste water treatment plant abates the pollutant concerned

<b>Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter (Note 3)</b>	<b>Limit (incl. Unit) (Note 5)</b>	<b>Reference period (Note 1)</b>	<b>Monitoring frequency (Note 2)</b>	<b>Monitoring standard or method</b>
<p>Note 6: The monitoring frequency may be reduced if the down stream waste water treatment plant abates the pollutant concerned. The operator may request in writing to disapply the BAT-AEL, supported by a revised H1 Assessment and confirmation from the sewerage undertaker that the waste water treatment plant abates the pollutant concerned.</p>						

<b>Table S3.3 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 or locations agreed in writing with the Environment Agency that will obtain reliable and representative data on particulate emissions from the waste management operations.	Total suspended particulates (TSP) unless otherwise agreed in writing with the Environment Agency.	Quarterly unless otherwise agreed in writing with the Environment Agency.	<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 particulate 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 as otherwise agreed with the Environment Agency.</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 TSP levels produced by the site's activities.</p>

## 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>
Emissions to Air Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency	Every 6 months, or as agreed in writing by the Environment Agency.	1 January
Emissions to Water Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency	Every 6 months, or as agreed in writing by the Environment Agency.	1 January
Ambient Air monitoring Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	Quarterly or as agreed in writing by the Environment Agency.	1 January

<b>Table S4.2 Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Metal treated	tonnes
Ferrous metal recovered	tonnes
Non-ferrous metal recovered	tonnes
Non-metallic shredder residue	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	Form air 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY
Sewer	Form sewer 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY
Ambient air monitoring	Form ambient monitoring 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY

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

<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>	
Measures taken, or intended to be 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 breach of permit conditions not related to limits</b>	
<b>To be notified within 24 hours of detection</b>	
Condition breached	
Date, time and duration of breach	
Details of the permit breach i.e. what happened including impacts observed.	
Measures taken, or intended to be taken, to restore permit compliance.	

<b>(d) 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.

“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 (BATRRT) and Treatment of Waste Electrical and Electronic Equipment (WEEE)’.

“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.

“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).

“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.

“dust” means total particulate matter (in air).

“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 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“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.

“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 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, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on



waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

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

“pests” means Birds, Vermin and Insects.

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

“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.

“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.

“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.

“shredding” includes treatment in plant such as hammer mills, chain mills, rotary shears and other similar equipment that is designed to fragment metal into smaller pieces to allow the separation of the metallic and the non metallic fractions. It does not include shearers and guillotines which utilise a range of hydraulic machinery that comprise hard steel blades to cut metals into manageable sizes.’

“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.

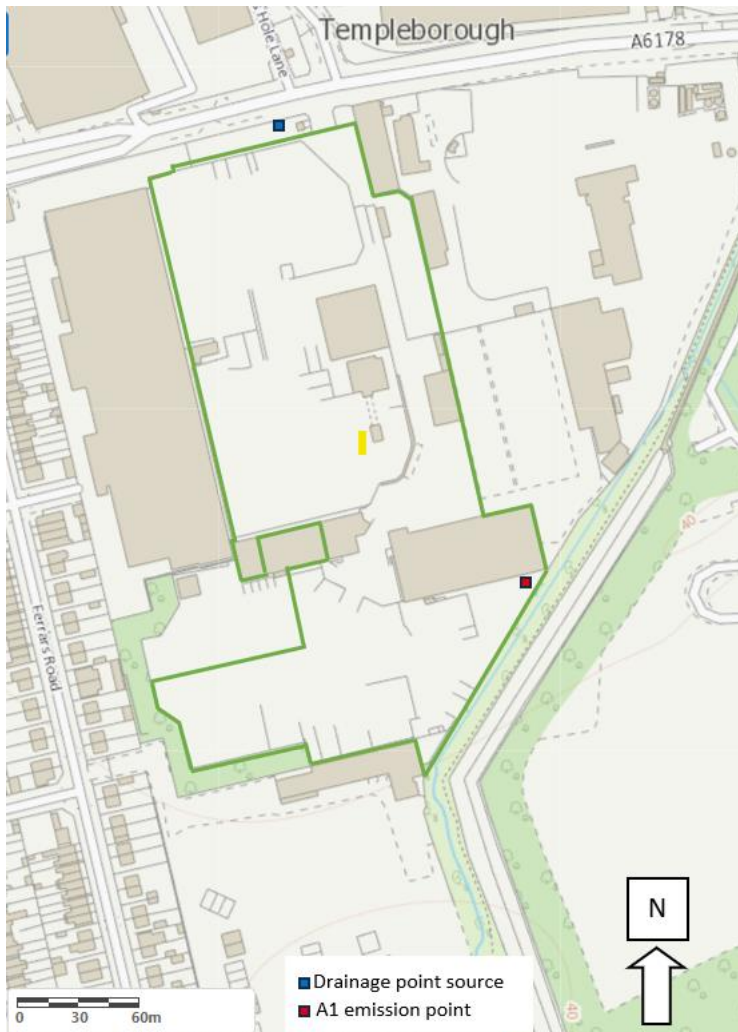
“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“WEEE” means waste electrical and electronic equipment.

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

“year” means calendar year ending 31 December.

## Schedule 7 – Site plan



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END OF PERMIT

**Permit Number:**            **AB1234CD**                            **Operator:**                            **[Operator name]**  
**Facility:**                            **[Facility name]**                            **Form Number:**                            **Air1 / DD/MM/YY**

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

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]

[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:** AB1234CD **Operator:** [Operator name]  
**Facility:** [Facility name] **Form Number:** Sewer1 / DD/MM/YY

### Reporting of emissions to sewer for the period from DD/MM/YYYY to DD/MM/YYYY

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Uncertainty <sup>[4]</sup>

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:**            **AB1234CD**                            **Operator:**                    **[Operator name]**

**Facility:**                            **[Facility name]**                            **Form Number:**                    **WaterUsage1 / DD/MM/YY**

**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		
Site borehole		
River abstraction		
<b>TOTAL WATER USAGE</b>		

Operator's comments:

Signed .....

Date.....

(authorised to sign as representative of Operator)

**Permit Number:**        **AB1234CD**

**Operator:**                **[Operator name]**

**Facility:**                **[Facility name]**

**Form Number:**        **Energy1 / DD/MM/YY**

**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:**        **AB1234CD**

**Operator:**                **[Operator name]**

**Facility:**                **[Facility name]**

**Form Number:**        **Performance1 / DD/MM/YY**

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

Parameter	Units
Total raw material used	tonnes

Operator's comments:

Signed .....

Date.....

(Authorised to sign as representative of Operator)

**Permit Number:**            **AB1234CD**                            **Operator:**                            **[Operator name]**

**Facility:**                            **[Facility name]**                            **Form Number:**                            **Ambient monitoring1 / DD/MM/YY**

**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)