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## **Permit with introductory note**

The Environmental Permitting (England & Wales) Regulations 2016

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**Envirowales Limited**

**Tafarnaubach Waste Facility  
Unit 5 Tafarnaubach Industrial Estate  
Tafarnaubach  
Tredegar  
NP22 3AA**

Permit number

**EPR/GP3337KD**

# **Tafarnaubach Waste Facility**

## **Permit number EPR/GP3337KD**

### **Introductory note**

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

The main features of the permit are as follows.

Wastes generated by Envirowales' battery breaking facility at the neighbouring Rassau Industrial Estate require further treatment prior to disposal or recycling. The site at Tafarnaubach will handle:

- Furnace slag, which will be crushed to reduce the particle size to meet the specifications of the final disposal site, is temporarily stored.
- Drosses, which contain a significant amount of lead and other metals and impurities and will be sorted for further recycling.
- Plastics, which will be stored when quantities exceed the space available at the Rassau site prior to further recycling.
- Waste domestic/portable batteries, which require sorting to remove any batteries which can't be recycled at the Rassau site. Batteries are returned to the Rassau site for processing or disposal.

There will be no point source emissions to any media.

The status log of the 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>  |
| Application received<br>EPR/GP3337KD/A001           | Duly made<br>22/02/10 |  |
| Additional Information<br>received                  | 23/04/10              |  |
| Additional Information<br>received                  | 11/05/10              | Permit issued to EnviroWales<br>Limited  |
| Permit determined<br>EPR/GP3337KD                   | 24/05/10              |  |
| Agency variation<br>determined<br>EPR/GP3337KD/V002 | 21/03/13              | Agency variation to add in a listed<br>activity following the implementation<br>of the changes introduced by<br>Industrial Emissions Directive |
| Variation Application<br>EPR/GP3337KD/V003          | Duly Made<br>30/12/14 | Variation to an installation following<br>the implementation of the Industrial<br>Emissions Directive  |
| Variation EPR/GP3337KD<br>determined                | 06/07/15              | Varied and consolidated permit<br>issued in modern condition format.   |

**Status Log of the permit**

| <b>Description</b>                        | <b>Date</b> | <b>Comments</b>  |
|---|-------------|--|
| Regulation 61 Notice sent to the Operator | 05/04/2019  | Issue of a Notice under Regulation 61(1) of the EPR. Natural Resources Wales initiated review and variation to vary the permit following the publication of the revised Best Available Techniques (BAT) Reference Document (BRef) for Waste Treatment. |
| Regulation 61 Notice response             | 10/10/2019  | Response received from the operator.   |
| Additional information received           | 03/06/2020  | RFI response final.  |
|   | 04/06/2020  | E-EP-055 R7, EMS 567178, Accident Management Plan.   |
|   | 02/07/2020  | Additional BAT responses June 2020, Combined Management System EnviroWales, Noise and Vibration Management Plan. Site Condition Report.  |
| Variation determined EPR/GP3337KD/V004    | 08/10/2020  | Varied and consolidated permit issued.   |

End of introductory note

# Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number  
**EPR/GP3337KD**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/GP3337KD/V004 authorising,

**Envirowales Limited** (“the operator”),

whose registered office is

**Faulkner House  
Victoria Street  
St Albans  
Hertfordshire  
AL1 3SE**

company registration number **04296277**

to operate an installation at

**Tafarnaubach Waste Facility  
Unit 5 Tafarnaubach Industrial Estate  
Tafarnaubach  
Tredegar  
NP22 3AA**

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

| Name        | Date       |
|-------------|------------|
| Holly Noble | 08/10/2020 |

Authorised on behalf of Natural Resources Wales

# 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 A3).* 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 A3).* The operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
  - (b) maintain records of raw materials and water used in the activities;
  - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
  - (d) take any further appropriate measures identified by a review.

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

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
  - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
  - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

## **2 Operations**

### **2.1 Permitted activities**

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

### **2.2 The site**

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

### **2.3 Operating techniques**

- 2.3.1 (a) 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 Natural Resources Wales.
- (b) If notified by Natural Resources Wales that the activities are giving rise to pollution, the operator shall submit to Natural Resources Wales 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 Natural Resources Wales.
- 2.3.2 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 tables S2.1, S2.2, S2.3 and S2.4; and

- (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.3 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.
- 2.3.4 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.

### **Waste battery and accumulator treatment**

- 2.3.5 Treatment of waste batteries and accumulators must meet the minimum requirements set out in Annex III, Part A of Directive 2006/66/EC of the European Parliament and of the Council on batteries and accumulators and waste batteries and accumulators and repealing Directive 91/157/EEC.

### **Hazardous waste storage and treatment**

- 2.3.6 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.

## **2.4 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 Natural Resources Wales.
- 2.4.2 Except in the case of an improvement which consists only of a submission to Natural Resources Wales, the operator shall notify Natural Resources Wales within 14 days of completion of each improvement.

# **3 Emissions and monitoring**

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

- 3.1.1 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 Natural Resources Wales that the activities are giving rise to pollution, submit to Natural Resources Wales 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 Natural Resources Wales.
- 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 Monitoring**

- 3.3.1 The operator shall, unless otherwise agreed in writing by Natural Resources Wales, undertake the monitoring specified in the following tables in schedule 3 to this permit.
- 3.3.2 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.
- 3.3.3 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 Natural Resources Wales.
- 3.3.4 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 unless otherwise agreed in writing by Natural Resources Wales.

## **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 Natural Resources Wales, 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 Natural Resources Wales that the activities are giving rise to pollution outside the site due to odour, submit to Natural Resources Wales 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 Natural Resources Wales.

### **3.5 Noise and vibration**

- 3.5.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of Natural Resources Wales, 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.
- 3.5.2 The operator shall:
  - (a) if notified by Natural Resources Wales that the activities are giving rise to pollution outside the site due to noise and vibration, submit to Natural Resources Wales 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 Natural Resources Wales.

### **3.6 Pests**

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

### **3.7 Fire**

- 3.7.1 The operator shall manage and operate the activities in accordance with a written fire prevention plan using the current, relevant fire prevention and mitigation plan guidance.
- 3.7.2 The operator shall:
  - (a) if notified by Natural Resources Wales that the activities could cause a fire risk, submit to Natural Resources Wales a fire prevention and mitigation plan which identifies and minimises the risks of fire;

- (b) Operate the activity in accordance with the fire prevention and mitigation plan, from the date of submission, unless otherwise agreed in writing by Natural Resources Wales.

## **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 Natural Resources Wales, 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 Natural Resources Wales.

### **4.2 Reporting**

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

4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to Natural Resources Wales by 31 January (or other date agreed in writing by Natural Resources Wales) 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 Natural Resources Wales, 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 Natural Resources Wales, 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 Natural Resources Wales 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

For the following activities referenced in schedule 1, table S1.1 (A1-A3)

- 4.3.1 (a) In the event 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 Natural Resources Wales,
  - (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) in the event of a breach of any permit condition the operator must immediately—
  - (i) inform Natural Resources Wales, and
  - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) in the event 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 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 (A4) Natural Resources Wales 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 4.3.3 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 Natural Resources Wales has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform Natural Resources Wales when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to Natural Resources Wales at least 14 days before the date the monitoring is to be undertaken.

4.3.6 Natural Resources Wales 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.

4.3.7 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) Natural Resources Wales 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 Natural Resources Wales 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 "without delay", in which case it may be provided by telephone.

# Schedule 1 - Operations

**Table S1.1 activities**

| Activity reference | Activity listed in Schedule 1 of the EP Regulations   | Description of specified activity and WFD Annex I and II operations   | Limits of specified activity and waste types   |
|--------------------|---|---|--|
| A1                 | Section 5.3 A(1)(a)(ii)<br>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving one or more of the following activities - (ii) physico-chemical treatment  | D9 – Physico-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 (e.g. evaporation, drying, calcination, etc.).<br><br>D15 – storage pending disposal of hazardous waste | From receipt of slag to transport from site including crushing and despatch.<br><br>Waste types and quantities as defined in Table S2.1<br><br>Only waste originating from Envirowales Ltd, Plateaux 1&2, Rassau Industrial Estate, Ebbw Vale, Blaenau Gwent, NP23 5SD shall be accepted.      |
| A2                 | Section 5.3 (A1)(a)(iv)<br>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving one or more of the following activities - (iv) repackaging prior to submission to any of the other activities listed in this Section or in Section 5.1   | 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 drosses to transport from site including sorting and despatch.<br><br>Waste types and quantities as defined in Tables S2.2.<br><br>Only waste originating from Envirowales Ltd, Plateaux 1&2, Rassau Industrial Estate, Ebbw Vale, Blaenau Gwent, NP23 5SD shall be accepted.  |
| A3                 | Section 5.6 A1 (a)(i)<br>Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Sections 5.1, 5.2, 5.3 and paragraph (b) of this Section, except—<br>(i) temporary storage, pending collection, on the site where the waste is generated, or<br>(ii) activities falling within Section 5.2. | 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 batteries to transport from site including sorting and despatch.<br><br>Waste types and quantities as defined in Table S2.3.<br><br>Only waste originating from Envirowales Ltd, Plateaux 1&2, Rassau Industrial Estate, Ebbw Vale, Blaenau Gwent, NP23 5SD shall be accepted. |

|    | <b>Description of activities for waste operations</b>   | <b>Limits of activities</b>  |
|----|---|--|
| A4 | <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) | From receipt of plastic to transport from site including storage for up to six months within the building, sorting and despatch. Waste types and quantities as defined in Table S2.4. Only waste originating from Envirowales Ltd, Plateaux 1&2, Rassau Industrial Estate, Ebbw Vale, Blaenau Gwent, NP23 5SD shall be accepted. |

**Table S1.2 Operating techniques**

| <b>Description</b>   | <b>Parts</b>  | <b>Date Received</b> |
|--|---|----------------------|
| Application form   | Part B responses to questions 7a, 9b, 9e, 9f including documents EWS – 7A01, EWS – 9B.01, EWS – 9E.01, EWS – 9F.01<br>Part B Appendix 6 responses to questions 1, 2, 3, 4 including documents EWS – APP6.01, EWS – APP6.02, EWS – APP6.03, EWS – APP6.04. | 22/02/10             |
| Further information  | Points 2, 3 (including document reference TWF-SOP-001), 6, 8, 10, 11, 12  | 23/04/10             |
| Further information  | E-mail 'draft permit'   | 11/05/10             |
| Response to regulation 61(1) Notice – request for information dated 05/04/2019 detailing how the Operator will comply with the BAT conclusions for Waste Treatment, under Directive 2010/75/EU of the European Parliament and of the Council | All parts   | 10/10/19             |
| Additional information for regulation 61(1) Notice   | RFI response final, E-EP-055 R7, Accident Management Plan,  | 03/06/20<br>04/06/20 |
| Additional information for regulation 61(1) Notice – Part 2  | Additional BAT responses June 2020, Noise and Vibration Management Plan, Combined Management System EnviroWales and Site Condition Report.  | 02/07/20             |
| Fire prevention and mitigation plan guidance - Waste   | All relevant sections   | N/A                  |
| Fire prevention and mitigation plan  | All relevant sections   | In line with IC 4    |

**Table S1.3 Improvement programme requirements**

| <b>Reference</b> | <b>Requirement</b>  | <b>Date</b>  |
|------------------|---|--|
| IC1              | Submit a written commissioning report to the Environment Agency for approval. The report shall include a review of all measures in place to minimise emission to the environment. Where deficiencies are identified, the report must contain dates for the implementation of individual improvements. The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the report.   | Completed  |
| IC2              | Submit a written noise assessment to the Environment Agency for approval. The report shall be written in accordance with BS4142 (1997) and the Horizontal Guidance Note IPPC H3 Part 2 Noise Guidance and include a tonal assessment using 1/3 octave and narrow band frequency analysis. Should the report conclude that noise is likely to cause complaints, the assessment must contain dates for the implementation of individual improvements. The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the assessment.   | Completed  |
| IC3              | Submit a written site closure plan to the Environment Agency for approval having regard to the Environment Agency's guidance note H5 'Site Condition Report – Guidance and Templates'. The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan.  | Completed  |
| IC4              | The operator shall submit a written Fire prevention and mitigation plan to Natural Resources Wales.<br><br>The Fire prevention and mitigation plan must be produced in line with the standards set out in Fire prevention and mitigation plan guidance – Waste.   | 08/01/2021 or otherwise agreed in writing with Natural Resources Wales                     |
| IC5              | BAT 19 – Optimise water consumption, reduce waste water generation and prevent/reduce emissions to soil and water<br><br>The operator shall submit to Natural Resources Wales information in order to evidence compliance with BAT 19 requiring the use of one or a combination of techniques:<br>c) impermeable surface (information on how the site complies with CIRIA 736 or an equivalent engineering standard to which the surface complies together with sign off from construction by a Certified Quality Auditor) in accordance with requirements specified within BAT Conclusion 19 of the Waste Treatment BAT Conclusions (EU 2018). | 17 <sup>th</sup> February 2022 or otherwise agreed in writing with Natural Resources Wales |

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

**Table S2.1 Permitted waste types and quantities of slag for crushing and storage**

|                         |   |
|-------------------------|---|
| <b>Maximum quantity</b> | Maximum storage capacity of slag – 7500 tonnes.<br>Maximum quantity accepted in 1 year – 10 000 tonnes. |
| <b>Waste code</b>       | <b>Description</b>  |
| 10 04 01*               | Slag  |

**Table S2.2 Permitted waste types and quantities of drosses for sorting, repackaging and storage**

|                         |  |
|-------------------------|--|
| <b>Maximum quantity</b> | Maximum storage capacity of drosses – 5000 tonnes.<br>Maximum quantity accepted in 1 year – 10 000 tonnes. |
| <b>Waste code</b>       | <b>Description</b>   |
| 10 04 02*               | Drosses  |
| 10 04 04                | Flue-gas dust  |
| 10 04 05                | Other particulates and dust  |
| 10 04 06                | Solid wastes from gas treatment  |

**Table S2.3 Permitted waste types and quantities of batteries for sorting, repackaging and storage**

|                         |  |
|-------------------------|--|
| <b>Maximum quantity</b> | Maximum storage capacity of batteries – 250 tonnes.<br>Maximum quantity accepted in 1 year – 250 tonnes. |
| <b>Waste code</b>       | <b>Description</b>   |
| 20 01 33                | Mixed batteries  |
| 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   |
| 16 06 06*               | Separately collected electrolyte from batteries and accumulators   |

**Table S2.4 Permitted waste types and quantities of plastics for storage**

|                         |   |
|-------------------------|---|
| <b>Maximum quantity</b> | Maximum storage capacity of plastics – 250 tonnes.<br>Maximum quantity accepted in 1 year – 3 000 tonnes. |
| <b>Waste code</b>       | <b>Description</b>  |
| 19 12 04                | Plastics  |



## **Schedule 3 – Emissions and monitoring**

There are no emission limits or associated monitoring requirements.

## Schedule 4 - Reporting

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

**Table S4.2: Annual production/treatment**

| Parameter                     | Units  |
|-------------------------------|--------|
| Total amount of waste treated | tonnes |

**Table S4.3 Performance parameters**

| Parameter                                    | Frequency of assessment                          | Units          |
|--|--|----------------|
| Water usage (slag crushing activity only)    | Annually   | tonnes         |
| Energy usage (slag crushing activity only)   | Annually   | MWh            |
| Tonnes of slag crushed and removed from site | Annually   | tonnes         |
| Generation of residues                       | Annually – Starting 17 <sup>th</sup> August 2022 | Tonnes         |
| Generation of waste water                    | Annually - Starting 17 <sup>th</sup> August 2022 | m <sup>3</sup> |
| Total raw material used                      | Annually - Starting 17 <sup>th</sup> August 2022 | tonnes         |

**Table S4.4 Reporting forms**

| Media/parameter                              | Reporting format   | Date of form |
|--|--|--------------|
| Water usage (slag crushing activity only)    | Form Water Usage1 or other form as agreed in writing by the Environment Agency   | 24/05/2010   |
| Energy usage (slag crushing activity only)   | Form Energy 1 or other form as agreed in writing by the Environment Agency   | 24/05/2010   |
| Tonnes of slag crushed and removed from site | Form Performance 1 or other form as agreed in writing by the Environment Agency  | 08/10/2020   |
| Other performance indicators                 | Form performance 1 or other form as agreed in writing by Natural Resources Wales effective from 17/08/2022                       | 17/08/2022   |
| Waste Subject to Conditions 4.2.5            | Waste tonnage return form from the Natural Resources Wales website or other form as agreed in writing by Natural Resources Wales | N/A          |

# Schedule 5 - Notification

These pages outline the information that the operator must provide.

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

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

## Part A

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

**(a) Notification requirements for any activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment**

**Or**

**Notification requirements for any activity that gives rise to for any malfunction, breakdown or failure of equipment or techniques, an incident or accident which significantly affects or may significantly affect the environment**

**To be notified within 24 hours of detection**

|  |  |
|--|--|
| Date and time of the event                                       |  |
| Reference or description of the location of the event            |  |
| Description of where any release into the environment took place |  |
| Substances(s) potentially released                               |  |
| Best estimate of the quantity or rate of release of substances   |  |
| Measures taken, or intended to be taken, to stop any emission    |  |
| Description of the failure or accident.                          |  |

**(b) Notification requirements for the breach of a permit condition**

**To be notified within 24 hours of detection**

|   |  |
|---|--|
| Emission point reference/ source                              |  |
| Parameter(s)  |  |
| Limit   |  |
| Measured value and uncertainty                                |  |
| Date and time of monitoring                                   |  |
| Measures taken, or intended to be taken, to stop the emission |  |

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

|   |  |
|---|--|
| <b>(c) In the event 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:</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.  |  |

|                  |  |
|------------------|--|
| <b>Name*</b>     |  |
| <b>Post</b>      |  |
| <b>Signature</b> |  |
| <b>Date</b>      |  |

\* authorised to sign on behalf of the operator

## Schedule 6 - Interpretation

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

*“Annex II”* means Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

*“Annex I”* means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

*“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 Natural Resources Wales 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.

*“building”* means a construction that has the objective of providing sheltering cover and minimising emissions of noise, particulate matter, odour and litter.

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

*“disposal”* means any of the operations provided for in Annex IIA to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

*“emissions to land”* includes emissions to groundwater.

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

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

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

*“hazardous property”* has the meaning given in Schedule 3 of the Hazardous Waste (England and Wales) Regulations 2005 No.894 and the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138).

*“hazardous waste”* has the meaning given in the Hazardous Waste (Wales) Regulations 2005 (as amended)

*“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

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

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

*Pests” means Birds, Vermin and Insects.*

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

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

*“recovery”* means any of the operations provided for in Annex IIB to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

*‘residue’* means the solid waste generated by the waste treatment activity and is not directly related to the type of waste treated in the plant

“*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 Treatment BAT Conclusions” means the BAT Conclusions for the Waste Treatment sector published as a Commission Implementing Decision EU 2018/1447 in the Official Journal of the EU on 17 August 2018

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

“year” means calendar year ending 31 December.

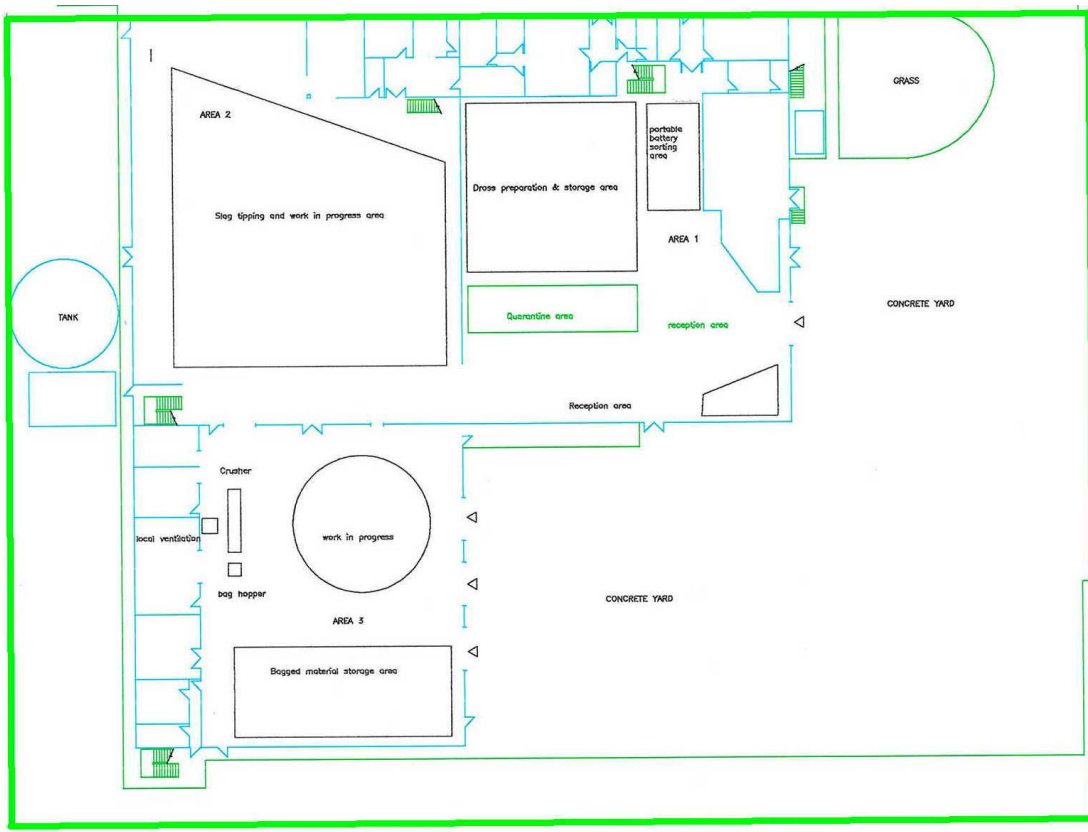
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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

## Schedule 7 - Site plan



END OF PERMIT