

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

John Brooks Metals Limited

John Brooks Metals
Unit 198a
Road 'F'
Boughton Industrial Estate
Boughton
Newark
Nottinghamshire
NG22 9LD

Variation application number

EPR/BP3430ZA/V002

Permit number

EPR/BP3430ZA

John Brooks Metals

Permit number EPR/BP3430ZA

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the variation of an environmental permit.

Changes introduced by this variation notice/statutory

The effect of this Environment Agency initiated variation is to change the type of regulated facility from an installation to a waste operation. The regulated facility was formerly permitted as a non-ferrous metals installation under Section 2.2 Part A(1)(c) of the Environmental Permitting (England and Wales) Regulations (EPR 2016). The change is the result of a statutory review of the permit in response to the publication of the Best Available Techniques (BAT) Conclusions for the Non-ferrous Metals Industries.

Under the Industrial Emissions Directive (IED) the Environment Agency is required to review installation permits within four years of the publication of BAT Conclusions, enabling the regulator to ensure that operators of installations use all relevant BAT Conclusions as described in the Commission Implementing Decision in order to prevent or minimise emissions from their activities. The BAT Conclusions for the Non-ferrous Metals Industries were published on 30th June 2016 in the Official Journal of the European Union (L174/32) following a European Union wide review of BAT, implementing decision (EU) 2016/1032 of 13th June 2016.

We have considered information provided by the operator and from this it is clear that the main purpose, and intent, of the site is the treatment of hazardous waste to separate out the various constituent parts and enable subsequent recovery or disposal of these wastes streams. Wastes accepted for treatment at the site include batteries, thermometers, and waste from the dental sector. The technique of vacuum distillation is used to remove mercury from the incoming wastes. This technique allows for the separation of mercury in a pure form. The resultant mercury free waste stream is sent off-site for recovery or disposal.

The BAT Reference Document (BREF) and BAT Conclusions for the Non-ferrous Metals Industries does not include the recovery of mercury or the use of vacuum distillation. By contrast the Waste Treatment BREF and BAT Conclusions (*final draft, Oct 2017*) explicitly list vacuum distillation as a technique to recover mercury from hazardous waste streams such as batteries, activated carbon filters, thermometers, waste from the dental sector, and fluorescent tubes.

We have therefore determined that the primary activity of the site is more aptly defined as a waste treatment activity, rather than a non-ferrous metal production or recovery activity. We have also determined that the site does not meet the capacity threshold for hazardous waste treatment under Section 5.3 Part A(1)(a) of EPR 2016 and is therefore not an installation but a waste operation. Table S1.1 (Activities) of the permit has been amended to reflect the above decision.

This variation introduces the following changes to the permit:

- the current *listed* activity, i.e. Section 2.2 Part A(1)(c) '*Producing, melting or recovering (whether by chemical means or by electrolysis or by the use of heat) cadmium or mercury or any alloy containing more than 0.05 per cent by weight of either of those metals or both in aggregate*' has been removed and replaced with an A17 – *Physical and chemical treatment facility*, activity code.
- removal of all conditions that would normally be required for installation permits under the IED and EPR 2016.
- addition of an improvement condition to ensure the operator complies with a relevant waste technical competence scheme.

- update to modern permit conditions including the consolidation of any relevant changes from the original permit by subsequent variations.
- update to monitoring standards to reflect current best practice and/or Environment Agency requirements.
- update to the introductory note and operating techniques explaining any changes to the process and removing the A1 emission point as there are now no emissions to air.
- removal of the Part B activity from table S1.1 that has not been undertaken on site since the transfer.

The schedules specify the changes made to the 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.

Brief description of the process

The site is approximately 1km south east of Boughton located within the Boughton Industrial Estate and comprises a warehouse unit with mezzanine floor and an external concrete area.

The main activity undertaken on the site is the treatment of hazardous waste contaminated with mercury. This is undertaken in a small batch operated vacuum distillation process to separate the mercury from the hazardous waste stream. The treated waste is then able to be further recovered or disposed of by other waste operators.

The process equipment uses a propane fired retort. The retort is manually loaded with a maximum of 330kg of scrap, which is heated progressively under a vacuum to ~700°C. This occurs over a batch process cycle of ~18 to 20 hours. Vapour is condensed in a simple indirect water cooled concentric tube heat exchanger, and the moisture condensate including mercury metal is collected in a receiver vessel. The mercury product that is collected is decanted off into flasks and is then sent off site for further refining by other companies. Recovered mercury replaces the use of virgin mercury, and the lower impurities in the metal due to the use of vacuum distillation makes it a commercially viable product.

The waste used within the site process is hazardous waste contaminated with mercury, such as scrap micro batteries, battery scrap, electrode components, and marine batteries and scrap dental amalgam. All incoming hazardous waste is stored within the building prior to being treated.

The extraction of mercury is by vacuum distillation techniques, condensing mercury and water vapour to the liquid receiver. A cold finger vapour trap is located after the condenser to trap all vapours. Cooling for both the condenser and the vacuum pump is provided by a closed recirculating water system using blast air/water heat exchangers.

All condensate collected by the process is reprocessed through the retort.

After firing, the retort is allowed to cool, assisted by external cooling fans, and at near ambient temperature, the pyrolysed material is removed from the retort. Mercury free scrap batteries are returned to their supplier so they can recover the silver and ferrous metal battery cases.

A very small amount of organic wax like material (1 litre/year) which accumulates in the receiver and pump seal water tank is recycled in the retort.

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 BL7744	Received 24/12/2001	
Response to request for information	Request dated: 05/02/2002	Response dated 04/03/2002
Response to request for information	Request dated: 24/06/2002	Response dated 01/07/2002

Status log of the permit		
Description	Date	Comments
Request by the agency to extend determination from 24/04/02 to 24/07/02 (3 months)	Request dated: 24/04/2002	Response dated 01/05/2002
Request by the agency to extend determination from 12/08/02 to 12/09/02 (1 month)	Request dated: 01/08/2002	Response dated 06/08/2002
Permit BL7744	Determined 01/08/2002	
Application EPR/BP3430ZA/T001 Full Transfer of permit EPR/BL7744IC	Duly Made 06/11/12	Application to transfer the permit in full to John Brooks Metals Limited.
Transfer determined EPR/BP3430ZA/T001	14/11/12	Full transfer of permit to John Brooks Metals Limited complete.
Regulation 60 Notice dated 16/12/16 (Notice requiring information for statutory review of permit)	Response Received 03/05/17	Technical standards detailed in response to the information notice. Information to demonstrate that relevant BAT Conclusions are met for the non-ferrous metals industries as detailed in document reference L174.
Environment Agency initiated variation EPR/BP3430ZA (variation and consolidation) Variation determined EPR/BP3430ZA/V002 [EAWML: 405635]	03/08/18	Statutory review of permit – Non-ferrous metals BAT Conclusions published 30/06/16. This variation resulted in changing the type of regulated facility from an installation to a waste operation. 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

Permit number

EPR/BP3430ZA

Issued to

John Brooks Metals Limited (“the operator”)

whose registered office is

198a
Road F
Boughton Ind Est
Boughton
Newark
Notts
NG22 9LD

company registration number 08080997

to operate a regulated facility at

John Brooks Metals
Unit 198a
Road ‘F’
Boughton Industrial Estate
Newark
Nottinghamshire
NG22 9LD

to the extent set out in the schedules.

The notice shall take effect from 03/08/2018

Name	Date
Tom Swift	03/08/2018

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/BP3430ZA

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BP3430ZA/V002 authorising,

John Brooks Metals Limited (“the operator”),

whose registered office is

198a
Road F
Boughton Ind Est
Boughton
Newark
Notts
NG22 9LD

company registration number: 08080997

to operate waste operations at

John Brooks Metals
Unit 198a
Road ‘F’
Boughton Industrial Estate
Newark
Nottinghamshire
NG22 9LD

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

Name	Date
Tom Swift	03/08/2018

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 Avoidance, recovery and disposal of wastes produced by the activities

1.2.1 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.

1.2.2 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").

2.2 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 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table S2.2
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 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.

2.4 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.

2.5 Technical requirements

Hazardous waste storage and treatment

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

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.

3.2 Emissions of substances not controlled by emission limits

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

3.3 Odour

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

3.4 Noise and vibration

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

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

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

3.6 Pests

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

3.7 Fire prevention

- 3.7.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.
- 3.7.2 The operator shall:
 - (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 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 quarter.

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 S4.3; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.3 Notifications

4.3.1 The Environment Agency shall be notified without delay following the detection of:

- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;
- (b) the breach of a limit specified in the permit; or
- (c) any significant adverse environmental effects.

4.3.2 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.

4.4 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	
Description of activities for waste operations	Limits of activities
R4: Recycling/reclamation of metals and metal compounds	From receipt of hazardous waste (containing mercury) to the storage of treated waste, including but not limited to the operation of the vacuum retort.
R5: Recycling/reclamation of other inorganic materials	No more than 10 tonnes per day of hazardous waste to be treated at the site.
R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Temporary storage of hazardous waste shall not exceed 50 tonnes pending any of the activities listed in Part A (1) Section 5.1, 5.2, 5.3 of the EP Regulations.
D9: Physico-chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12	Subject to any other requirements of this permit wastes shall be stored for no longer than 1 year prior to disposal or 3 years prior to recovery.
D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced)	Waste types as specified in Table S2.2

Table S1.2 Operating techniques		
Description	Parts	Date Received
Original application documents and supporting documents. EPR/BL7744	All relevant documentation from the original permit application. Not including documents relating to the site Environmental Management System or procedures relating to the melting of recovered product (Schedule 2.2 Part B (a) activity), or the Laboratory activities.	24/12/01
Information from the application EPR/BP3430ZA/T001	The response to relevant questions in the application forms and supporting documents including but not limited to the documents provided in response to (Form D: 1c, 2b, 3a, 3b and 4d.)	06/11/12
Response to email dated 24/04/18	The response to questions 1, 2, 3, 4, and 5 relating to the processes undertaken on site.	27/04/18

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1 Technical Competence	<p>The operator shall gain a relevant Technical Competence Qualification by one of the following government approved schemes. Details below:</p> <ul style="list-style-type: none"> • WAMITAB/CIWM <ul style="list-style-type: none"> ○ Environmental Permit Operators Certificate (EPOC) or 4 Regulated Qualification Framework (RQF) units. To be completed by intermediate deadline. ○ All necessary units completed to gain required qualification. To be completed by final deadline. • EU Skills Scheme <ul style="list-style-type: none"> ○ Schedule to be agreed for audit and certification with approved certification body. To be completed by intermediate deadline. ○ Gap Analysis Audit. ○ Formal Certification of CMS. To be completed by final deadline. 	<p>Intermediate deadline: 31/08/18</p> <p>Final Deadline: 02/08/19</p>

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 the treatment of hazardous waste containing mercury	
Maximum quantity	30 tonnes per annum
Waste code	Description
6	Waste from inorganic chemical processes
06 04	metal-containing wastes other than those mentioned in 06 03
06 04 04*	waste containing mercury
06 04 05*	wastes containing other heavy metals
07	Wastes from organic chemical processes
07 04	wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides
07 04 04*	other organic solvents, washing liquids and mother liquors
15	Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances
16	Wastes not otherwise specified in the list
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 08*	components containing mercury
16 03	off-specification batches and unused products
16 03 05*	organic wastes containing hazardous substances
16 03 07*	metallic mercury
16 05	gases in pressure containers and discarded chemicals

16 05 06*	laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals
16 06	batteries and accumulators
16 06 03*	mercury-containing batteries
18	Waste from human or animal health care and or related research (except kitchen and restraint wastes not arising from immediate health care).
18 01	Wastes from natal care, diagnosis, treatment or prevention of disease in humans
18 01 10*	Amalgam waste from dental care
20	Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions
20 01	separately collected fractions (except 15 01)
20 01 21*	fluorescent tubes and other mercury-containing waste
20 01 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 as shown by the site plan in schedule 7	Collected rainwater used as an uncontaminated external cooling water.	No Parameters set	No Limit Set	-	-	-

Schedule 4 – Reporting

There is no reporting under this schedule

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

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

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

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

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

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

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

“Annex II” means Annex II 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 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 (BATRR) and Treatment of Waste Electrical and Electronic Equipment (WEEE).

“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.

“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.

“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.

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

“Hazardous property” has the meaning in Annex III of the Waste Framework Directive.

“Hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 (as amended).

“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.

“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.

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

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

“year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, table S2.2 for that table they have the meaning given below:

“hazardous substance” means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008.

Schedule 7 – Site plan



“© Crown Copyright. All rights reserved. Environment Agency, 100024198, 2018.”

END OF PERMIT