



Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Ronald Hull Jnr. Ltd.

Grange Mill Lane
8 Grange Mill Lane
Sheffield
S9 1HW

Variation application number

EPR/KB3902KR/V003

Permit number

EPR/KB3902KR

Grange Mill Lane

Permit number EPR/KB3902KR

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 “Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities” (including additional guidance Waste temperature exchange equipment (WTEE): appropriate measures for permitted facilities), “Treating metal waste in shredders: appropriate measures for permitted facilities” and “End of life vehicles (ELVs): 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 appropriate measures for WEEE were published on gov.uk on 13 July 2022. The appropriate measures for WTEE were published on gov.uk on 13 July 2022. The Treating metal waste in shredders: appropriate measures for permitted facilities guidance was published on gov.uk on 20 October 2021. The appropriate measures for ELVs were published on 19 October 2023. 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 WTEE, WEEE treatment and transfer, ELV and metal shredding sectors 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 regulated facility comprises:

An installation (Schedule 1) activity:

- Section 5.4 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.

The site also hosts the following waste operations on site:

- End-of-Life Vehicle storage, depollution and dismantling (authorised treatment) facility (ELV ATF);
- Hazardous waste transfer station
- Non-hazardous waste transfer station
- A WEEE storage and transfer operation (WEEE ATF);

- A metal recycling operation; and
- Storage of furnace ready scrap

The site can accept a maximum 295,000 tonnes per annum, with a maximum throughput of 450 tonnes daily. The site covers an area of approximately 1.4 hectares. The site uses a range of sophisticated automatic sorting processes to produce high purity materials. All the processing equipment, including the metal shredder are powered using grid electricity.

The site is located next to the M1 motorway, and the nearest residential receptors are located approximately 100m from the perimeter to the east of the site and 250m from the perimeter to the west of the site boundary. There is a Local Nature Reserve (Woolley Wood) 100m to the south- west, and geological SSSI (Bradgate Brickworks) 3 km to the west of the site, this is the only SSSI in the immediate area.

There is a point source emission to foul sewer via a pumping station under a Trade Effluent Consent with Yorkshire Water Services Ltd, and a point source to air from a cyclone abatement system attached to the shredder. There are no other emission points to water or to air. The shredder uses a closed-loop air cyclone to extract and remove dust from the shredding process. The exhaust from the cyclone is then channelled through two wet scrubbers to remove the suspended material, this produces a sludge that is collected for off-site disposal. The air exiting the scrubbers is then channelled back into the cyclone. A relief safety valve forms part of the abatement system's operation and is used to vent air when back-pressure occurs in the system. This is achieved through a gravity-led flap valve, and a manually operated butterfly valve that regulates air through the stack.

Noise is suppressed by enclosing the equipment within acoustic enclosures and buildings. They operate an in-house developed EMS.

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
Waste Management License determined EAWML 65522	27/04/2007	Licence for metal recycling and vehicle depollution and dismantling (authorised treatment only) issued to Van Dalen Sheffield Limited.
Waste Management Licence became an environmental permit (EPR/PP3196ZD)	06/04/2008	
Variation determined EPR/PP3196ZD	09/12/2011	Permit variation issued to add SR2008No23 to the existing permit.
Application EPR/BB3307LT/T001 (Full transfer of permit EPR/PP3196)	Duly made 12/02/2014	Application to transfer the permit in full to Mettalis Recycling Limited.
Transfer determined EPR/BB3307LT	15/04/2014	Full transfer of permit complete.
Application EPR/BB3307LT/V002 (Administrative variation)	Duly made 28/04/2014	Application to add waste codes 19 10 04 and 19 10 06.
Variation determined EPR/BB3307LT	23/05/2014	Varied permit issued.
Variation determined EPR/BB3307LT/V006	19/10/2016	Variation to add two EWC codes and change company address.

Description	Date	Comments
Application EPR/BB3307LT/V007 (Variation and consolidation)	Duly made 09/02/2017	Application to vary, consolidate and add EWC code 19 12 12 to the permit.
Variation determined EPR/BB3307LT/V007	10/05/2017	Variation Issued.
Variation determined EPR/BB3307LT/V004	22/06/2017	Varied and consolidated permit issued in modern condition format.
Application EPR/BB3307LT/V008 (Administrative variation)	Duly made 20/05/2019	Application to change the definition of the 19 12 12 code in Table S2.4 of the permit.
Variation determined EPR/BB3307LT (Billing Ref: QP3105PP / EAWML 65522)	10/07/2019	Varied permit issued
Application EPR/KB3902KR/T001 (full transfer of permit EPR/BB3307LT)	Duly made 26/01/2022	Application to transfer the permit in full to Ronald Hull Jnr. Limited
Transfer determined EPR/KB3902KR	21/02/2022	Full transfer of permit complete.
Application EPR/KB3902KR/V002	11/04/2024	Application to add a hazardous waste transfer station with a storage capacity not exceeding 50 tonnes.
Variation determined and consolidation issued EPR/KB3902KR	05/11/2025	Varied permit issued to Ron Hull Jnr Limited
Regulation 61 Notice sent to Operator	02/06/2025	Regulation 61 Notice requiring information for statutory review of permit in relation to the following guidance documents: • Treating metal waste in shredders appropriate measures for permitted facilities published 20 October 2021. • Waste electrical and electronic equipment (WEEE) appropriate measures for permitted facilities published 13 July 2022. • End of life vehicles (ELVs): appropriate measures for permitted facilities published 19 October 2023.
Regulation 61 Notice response	02/12/2025	Response received from the operator in relation to the following guidance documents: • Treating metal waste in shredders appropriate measures for permitted facilities published 20 October 2021. • Waste electrical and electronic equipment (WEEE) appropriate measures for permitted facilities published 13 July 2022. • End of life vehicles (ELVs): appropriate measures for permitted facilities published 19 October 2023.

Description	Date	Comments
Permit review - Application (variation and consolidation) EPR/KB3902KR/V003	Environment Agency Initiated Variation	Statutory review of permit occasioned by Waste Treatment BAT Conclusions published on 17 August 2018, Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities published 13 July 2022, Treating metal waste in shredders: appropriate measures for permitted facilities published 20 October 2021 and End of life vehicles (ELVs): appropriate measures for permitted facilities published 19 October 2023.
Additional information received in response to the Request for Further Information (RFI) dated 10/02/2026 (RFI 1)	13/02/2026	Email confirming electric power source for plant, details of dust abatement system and waste storage.
	12/03/2026	Site plan detailing air emission stack.
Additional information received in response to the Request for Further Information (RFI) dated 18/02/2026 (RFI 2)	20/02/2026 04/03/2026 12/03/2026 07/04/2026	Response to all questions (Q1-Q5) of the RFI in relation to abatement system and the waste codes accepted at the site. Further detail of abatement system, process flow and handling of LDA.
Additional information received in response to the Request for Further Information (RFI) dated 19/05/2026 (RFI 3)	21/05/2026 26/05/2026 22/07/2026	Aerial photographs detailing location and function of shredder plant and associated processes. Agreed site plan for inclusion within new permit.
Additional information received in response to the Request for Further Information (RFI) dated 07/07/2026 (RFI 4)	24/07/2026 29/07/2026	WM3 classification for mixed waste stream coded 19 12 12 and images of samples of mixed waste streams coded 19 12 12 and 19 12 04.
Additional information received in response to the Request for Further Information (RFI) dated 21/07/2026 (RFI 5)	21/07/2026 22/07/2026	Presence and operation of valves between emission point "A1" and the abatement system ducts.
Environment Agency Waste Treatment Sector Review Permit reviewed Variation determined EPR/KB3902KR/V003	14/08/2026	Varied and consolidated and the 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/KB3902KR

Issued to

Ronald Hull Jnr. Ltd. ("the operator")

whose registered office is

Mangham Works

Mangham Road

Parkgate

Rotherham

S62 6EF

company registration number **01278500**

to operate a regulated facility at

Grange Mill Lane

8 Grange Mill Lane

Sheffield

S9 1HW

to the extent set out in the schedules.

The notice shall take effect from 14/08/2026.

Name	Date
Hannah Finney	14/08/2026

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/KP3954HB

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/KP3954HB/V003 authorising,

Ronald Hull Jr. Ltd ("the operator"),

whose registered office is

Mangham Works

Mangham Road

Parkgate

Rotherham

S62 6EF

company registration number **01278500**

to operate an installation and waste operations at

Grange Mill Lane

8 Grange Mill Lane

Sheffield

S9 1HW

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

Name	Date
Hannah Finney	14/08/2026

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 AR4) 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 AR4) the operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
 - (b) maintain records of raw materials and water used in the activities;
 - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
 - (d) take any further appropriate measures identified by a review.

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

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

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

2 Operations

2.1 Permitted activities

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

2.2 The Site

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

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2 to S1.3, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 to S1.3, 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) S2.2, S2.3; S2.4, S2.5, S2.6. S2.7 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 Hazardous waste storage and treatment

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

2.5 Vehicle depollution and dismantling

- 2.5.1 As a minimum, all waste motor vehicles shall be treated to the standards specified in table S1.3.

2.6 Improvement programme

- 2.6.1 The operator shall complete the improvements specified in schedule 1 table S1.4 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.6.2 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.

2.7 Pre-operational conditions

- 2.7.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.5 have been completed.

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 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.

3.3 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.

3.4.3 The operator shall:

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

3.5 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;
- (b) ambient air monitoring specified in table S3.3; and
- (c) process monitoring specified in table S3.4.

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, S3.2 and S3.3 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.

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 AR4) 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;
- (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 quarter.

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.

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.

4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:

- (a) a decision by the Secretary of State not to re-certify the agreement;
- (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
- (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

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, and end-of-life vehicles. R3: Recycling/reclamation of organic substances which are not used as solvents R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials	From treatment of waste by shredding to storage of treated waste. Treatment consisting only 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 450 tonnes of waste shall be shredded per day. Treated waste shall be stored, prior to transfer off-site for no longer than 6 months.
Directly Associated Activities			
AR2	Physical treatment for the purpose of recycling	Manual and mechanical sorting, segregation and grading of non-hazardous fractions resulting from the shredding of wastes containing ferrous and non-ferrous metals. R3: Recycling/reclamation of organic substances which are not used as solvents R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials	From treatment consisting of sorting, separation and grading to storage of shredded material. No more than 450 tonnes of waste shall be treated per day. Treated waste shall be stored prior to transfer off-site for no longer than 6 months. Shredder non-metallic fractions shall be stored undercover.

AR3	Storage of non-hazardous waste pending treatment	Storage of non-hazardous waste pending the operations R1 to R12 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 AR1. 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.
AR4	Raw material handling and storage	Handling and storage of raw materials including foam and diesel.	From the receipt of raw materials to despatch for use within the facility.
Waste Operations			
Activity reference	Description of activities for waste operations	Limits of activities	
AR5	Vehicle storage, depollution and dismantling (authorised treatment) facility. 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) R4: Recycling/ reclamation of metals and metal compounds R5: Recycling/ reclamation of other inorganic compounds	This activity shall not be operated after 13/08/2026 and shall not recommence until pre-operational condition PO1 has been completed and approved. Except for waste motor vehicles, the maximum quantity of hazardous waste (in aggregate) that can be stored at the site shall not exceed 50 tonnes at any one time. Subject to any other requirements of this permit wastes shall be stored for no longer than 1 year prior to disposal and 3 years prior to recovery. No more than 25 tonnes of intact waste vehicle tyres (waste code 16 01 03) shall be stored at the site. Uncontaminated plastic, glass and ferrous and non- ferrous metal wastes (including depolluted waste motor vehicles) arising from the treatment of end-of-life vehicles shall be stored on hard standing or an impermeable surface with sealed drainage system. There shall be no treatment of lead acid batteries, other than sorting and separating from other wastes, and repackaging for third party processing. Lead acid batteries shall be stored in containers with an impermeable, acid resistant base and a lid that prevents ingress of water.	

		Waste types suitable for acceptance are limited to those specified in schedule 2, table S2.3.
AR6	Metal Recycling 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) R4: Recycling/ reclamation of metals and metal compounds	Treatment operations shall be limited to: Treatment consisting only of sorting, separation, grading, shearing, bailing, compaction, crushing or cutting of non-hazardous waste into different components for recovery. There shall be no treatment of cables by granulation under this activity. 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. There shall be no treatment of batteries, other than sorting and separating from other wastes, and repackaging for third party processing. Subject to any other requirements of this permit, wastes shall be stored for no longer than 6 months. Uncontaminated ferrous metal wastes or alloys and uncontaminated non-ferrous metal wastes shall be stored on hard standing or an impermeable surface. All batteries shall be stored in either appropriate weatherproof containers, or in appropriate containers within a building, and on an impermeable surface with a sealed drainage system. Lead acid batteries shall be stored upright with terminals taped off or capped in acid proof containers to prevent leaks and short circuits. Nickel metal hydride (Ni-MH) batteries shall be stored in a way that will prevent them being damaged. Li-ion batteries from electric vehicles shall be stored separately from other batteries. Li-ion batteries shall be stored to prevent them from: • coming into contact with any liquids • being damaged or shorting • being exposed to high temperatures Batteries shall be stored on site for no longer than 6 months. Waste types suitable for acceptance are limited to those specified in schedule 2, table S2.4.
AR7	Storage of Furnace Ready Scrap 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).	Subject to any other requirements of this permit, wastes shall be stored for no longer than 6 months. Uncontaminated furnace ready scrap metal waste shall be stored on hard standing or an impermeable surface.

		Waste types suitable for acceptance are limited to those specified in schedule 2, table S2.5.
AR8	Hazardous Waste Transfer Station 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) D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)	From receipt and storage of hazardous waste on site to its transfer off site. The maximum quantity of hazardous waste (in aggregate) that can be accepted or stored at the site shall not exceed 5 tonnes at any one time. No waste shall be treated, blended or mixed or repackaged on site. All waste shall be stored inside a building. WTEE must be stored on level ground and on an impermeable surface provided with sealed drainage. Storage of WTEE shall not exceed a maximum storage height of 3.6 metres. Storage capacity of WTEE shall not exceed 5 tonnes at any one time. WTEE shall not be stored for more than 3 months without prior written approval from the Environment Agency. CRT equipment shall be stored in cages, bulk bags or securely on pallets to prevent breakage. The storage capacity for CRT equipment shall not exceed 5 tonnes at any one time. Flat panel display equipment which may contain cold cathode fluorescent backlights shall be stored under weatherproof covering. All flat panel display equipment shall be stored in cages, stillages or securely on pallets. The storage capacity for flat panel display equipment shall not exceed 5 tonnes at any one time. No more than a total of 5 tonnes of waste batteries shall be stored at any one time. All batteries shall be stored in either appropriate weatherproof containers, or in appropriate containers within a building on an impermeable surface with a sealed drainage system. Lead acid batteries shall be stored upright with terminals taped off or capped, in acid proof containers to prevent leaks and short circuits. Nickel metal hydride (Ni-MH) batteries shall be stored in a way that will prevent them being damaged. Li-ion batteries shall be stored to prevent them from:

		• coming into contact with any liquids • being damaged or shorting • being exposed to high temperatures Asbestos waste shall be stored double bagged or wrapped, in sealed, closed and locked containers. Asbestos waste shall not be stored loose in bays and shall not be transferred between different skips or containers. Mechanical equipment, for example loading shovels, chutes and conveyors shall not be used to move asbestos waste. All other wastes shall be stored on site for no longer than 6 months. Notwithstanding the limits given above where a shorter storage time period is given in an agreed management plan then that time period shall take precedence. No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.6.
AR9	Non-hazardous waste transfer station 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)	From receipt and storage of non-hazardous waste on site to its transfer off site. Subject to any other requirements of this permit, wastes shall be stored for no longer than 6 months. Waste types suitable for acceptance are limited to those specified in schedule 2, table S2.7

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application Variation EPR/BB3307LT/V004	Responses to Part C3, Questions 3a, 3c (operating techniques), Appendix 5 – Questions 1 – 6: specific questions for the hazardous and non-hazardous waste recovery and disposal sector.	23/06/2015
Sector Guidance Note IPPC S5.06: Guidance for the recovery and Disposal of Hazardous and Non- Hazardous Waste	All parts.	23/06/2015
Application variation EPR/BB3307LT/V007	Responses to part C2 – Question 4a (consultation), C4 – Question 2 (emissions to air, water and land), Question 3a and 3b (operating techniques), Appendix 2 – Questions 1 – 6: specific questions for waste facilities that accept hazardous waste.	21/11/2016
Application variation EPR/BB3307LT/V007	Pest and Odour Management Plans for the facility.	09/02/2017
Application variation EPR/BB3307LT/V008	Section 5 of 'Technical note on Best Available Techniques for MRF CAN at a Metal Recycling Facility on behalf of Mettalis Recycling Ltd.' dated March 2019.	09/04/2019
Application Variation EPR/KB3902KR/V003		
Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities Version published 13 July 2022	The following parts of the appropriate measures guidance shall apply: 3. Waste pre-acceptance, acceptance and tracking appropriate measures 4. Waste storage, segregation and handling appropriate measures	13/08/2026
Waste temperature exchange equipment: appropriate measures for permitted facilities Version published 13 July 2022	The following parts of the appropriate measures guidance shall apply: 3. Waste pre-acceptance, acceptance and tracking appropriate measures 4. Waste storage and handling appropriate measures	13/08/2026
Treating metal waste in shredders: appropriate measures for permitted facilities	All parts of the appropriate measures guidance shall apply other than: those parts to which an improvement programme requirement applies in Table S1.4 (and only until the	13/08/2026

Table S1.2 Operating techniques		
Description	Parts	Date Received
Version published 20 October 2021	date that the improvement has been or must be met, whichever is the earlier); The following parts of the appropriate measures guidance are not applicable: - Waste pre-acceptance – measures 3.2.15, 3.2.16, 3.2.17 Acceptance of drums or tanks / baled metal waste - Drums / tanks and baled metals are not accepted on site. - Waste Treatment – measure 4.3 Dangerous Substances and Explosive Atmospheres - Substances are not handled on site.	
Additional information received in response to the Request for Further Information dated 10/02/2026 (RFI 1)	Confirmation of electric power source for plant, details of dust abatement system and waste storage.	13/02/2026
	Site plan detailing air emission stack	12/03/2026
Additional information received in response to the Request for Further Information (RFI) dated 18/02/2026 (RFI 2)	Details of dust abatement system and the waste codes accepted at the site	20/02/2026
	Further details of dust abatement system	04/03/2026
	Process Flow Diagram	12/03/2026
	Handling of LDA	07/04/2026
Additional information received in response to the Request for Further Information (RFI) dated 19/05/2026 (RFI3)	Confirmation of plant layout	21/05/2026
	Further information related to plant layout	26/05/2026

Table S1.3 Waste motor vehicle treatment minimum technical requirements
1. Treatment operations for depollution of end-of-life vehicles: - removal of batteries and liquefied gas tanks, - removal or neutralisation of potential explosive components, (e.g. air bags), removal and separate collection and storage of fuel, motor oil, transmission oil, gearbox oil, hydraulic oil, cooling liquids, antifreeze, brake fluids, air-conditioning system fluids and any other fluid contained in the end-of-life vehicle, unless they are necessary for the re-use of the parts concerned, - removal, as far as feasible, of all components identified as containing mercury. 2. Treatment operations in order to promote recycling: - removal of catalysts, - removal of metal components containing copper, aluminium and magnesium if these metals are not segregated in the shredding process, - removal of tyres, glass and large plastic components (bumpers, dashboard, fluid containers, etc), if these materials are not segregated in the shredding process in such a way that they can be effectively recycled as materials.

Table S1.4 Improvement programme requirements		
Reference	Requirement	Date
IC11 Updated emissions inventory and H1 risk assessment	The operator shall submit a written report to the Environment Agency for assessment and written approval as required by section 6.4 and 7.3 of Treating metal wastes in shredders: appropriate measures for permitted facilities. The emissions inventory must include information about the relevant characteristics of point source emissions to sewer. The report must include: (a) the results and conclusions of the emissions monitoring and assessment undertaken in accordance with your emissions inventory. (b) a comparison of the monitoring results with the limits listed in Schedule 3, Table S3.2 for each parameter. (c) the results and conclusions from an assessment of the environmental impact of the emissions to air and sewer using all relevant parameters identified from your emissions inventory under (a) above. The assessment must be carried out using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as agreed with the Environment Agency) and/or modelling as required following our guidance: Surface water pollution risk assessment for your environmental permit GOV.UK Where it is concluded that the impact of an emission may be significant or exceeds an environmental standard (e.g. an environmental quality standard EQS) the operator shall: a) Review whether there is a need for emissions limits to be lower than the limits listed in Schedule 3, Table S3.2 in order to prevent exceedance of environmental standards. b) Propose revised emission limits that will prevent exceedance of the environmental standard(s) c) Include proposals for measures to mitigate the emission to meet the relevant emission limit (for example, the provision of additional treatment or abatement) and timescales for the implementation of these measures. The proposals shall be implemented within 6 months of approval of the report or as agreed in writing by the Environment Agency.	Submission of written report detailing monitoring and assessment results and further proposals 01/01/2027
IC12 Process efficiency procedures	The operator shall review and update their written management system to ensure that they meet the requirements of the Environment Agency's guidance Treating metal waste in shredders: appropriate measures for permitted facilities, dated 20 October 2021 referred to in Table S1.2. Specifically, the operator must demonstrate that	14/10/2026

Table S1.4 Improvement programme requirements		
Reference	Requirement	Date
	the following appropriate measure(s) of the guidance will be met: Section 8, Process efficiency: • 8.1 Energy Efficiency sections 1-4 • 8.3 Water Use sections 1-3 • 8.4 Waste minimisation, recovery and disposal section 1 A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.	

Table S1.5 Pre-operational measures for future development		
Reference	Operation	Pre-operational measures
PO1	Recommencement of activity AR5 in table S1.1 – Vehicle storage, depollution and dismantling (authorised treatment facility)	Prior to the recommencement of activity AR5 authorised by table S1.1, including any waste acceptance, storage and treatment which are temporarily non-operational under this variation notice, the operator shall confirm to the Environment Agency the intention to recommence operation and provide supporting documents for approval demonstrating activities are in accordance with the requirements of the Waste Treatment BAT Conclusions and End of life vehicles (ELVs):appropriate measures for permitted facilities and other appropriate measures guidance as applicable. The activities permitted shall only recommence once written agreement has been provided by the Environment Agency.

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
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Table S2.2 Permitted Waste types and quantities for Metal Shredding	
Maximum Quantities The total quantity of waste accepted at the site shall be less than 295,000 tonnes a year.	
Exclusions	Wastes having any of the following characteristics shall not be accepted: • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid • Hazardous waste
Waste Code	Description
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 10	waste metal
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging (including separately collected municipal packaging waste)
15 01 04	metallic packaging
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 06	end-of life vehicles (containing neither liquids nor other hazardous components)
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 22	components not otherwise specified (comprising only of depolluted metallic vehicle parts, components and engines)
16 02	discarded equipment and its components
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13 (cookers, washing machines, dishwashers and tumble dryers only - excluding heat pump tumble dryers)
16 02 16	discarded equipment other than those mentioned in 16 02 09 to 16 02 13 (ferrous and non-ferrous metal waste only)

17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 02	ferrous materials removed from bottom ash
19 10	wastes from shredding of metal-containing wastes
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
19 12 04	plastic and rubber (containing metal wastes)
19 12 12	metal-rich waste from mechanical, biological recyclate, containing residual and entrained plastic, paper, textile, cardboard and any other form of residual packaging, labels or entrained material arising from mechanical and biological treatment with a metal content as provided in the current version of the Environmental Management System (EMS) and as agreed in writing with the Environment Agency.
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 40	metals

Table S2.3 Permitted waste types and quantities for Vehicle storage, depollution and dismantling (authorised treatment) facility.	
Maximum Quantities	The total quantity of waste accepted at the site shall not exceed 295,000 tonnes per year.
Exclusions	Wastes having any of the following characteristics shall not be accepted: Consisting solely or mainly of dusts, powders or loose fibres
Waste code	Description
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 03	end-of-life tyres
16 01 04*	end-of-life-vehicles
16 01 06	end-of life vehicles (containing neither liquids nor other hazardous components)
16 01 12	brake pads other than those mentioned in 16 01 11
16 01 22	components not otherwise specified (comprising only of depolluted metallic vehicle parts, components and engines)
16 05	gases in pressure containers other than those mentioned in 16 05 04
16 05 04*	gases in pressure containers (including halons) containing hazardous substances
16 06	batteries and accumulators
16 06 01*	lead batteries
16 06 05	other batteries and accumulators

Table S2.4 Permitted Waste types and quantities for Metal Recycling	
Maximum Quantities	The total quantity of waste accepted at the site shall be less than 295,000 tonnes a year.
Exclusions	Wastes having any of the following characteristics shall not be accepted: - Consisting solely or mainly of dusts, powders or loose fibres - Wastes that are in a form which is either sludge or liquid - Hazardous waste
Waste Code	Description
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 10	waste metal
10	WASTES FROM THERMAL PROCESSES
10 02	wastes from iron and steel industry
10 02 01	wastes from the processing of slag

Table S2.4 Permitted Waste types and quantities for Metal Recycling	
Maximum Quantities	The total quantity of waste accepted at the site shall be less than 295,000 tonnes a year.
10 02 02	unprocessed slag
10 02 10	mill scales
10 05	wastes from zinc thermal metallurgy
10 05 01	slags from primary and secondary production
10 09	wastes from casting of ferrous pieces
10 09 03	furnace slag
10 10	wastes from casting of non-ferrous pieces
10 10 03	furnace slag
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 01	ferrous metal filings and turnings
12 01 03	non-ferrous metal filings and turnings
12 01 13	welding wastes
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging (including separately collected municipal packaging waste)
15 01 04	metallic packaging
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 02	discarded equipment and its components
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13 (ferrous and non-ferrous metal waste only)
16 02 16	discarded equipment other than those mentioned in 16 02 09 to 16 02 13 (ferrous and non-ferrous metal waste only)
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead

Table S2.4 Permitted Waste types and quantities for Metal Recycling	
Maximum Quantities	The total quantity of waste accepted at the site shall be less than 295,000 tonnes a year.
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 10*	cables containing oil, coal tar and other hazardous substances
17 04 11	cables other than those mentioned in 17 04 10
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 02	ferrous materials removed from bottom ash
19 10	wastes from shredding of metal-containing wastes
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
19 12 04	plastic and rubber (containing metal wastes)
19 12 12	metal-rich waste from mechanical, biological recyclate, containing residual and entrained plastic, paper, textile, cardboard and any other form of residual packaging, labels or entrained material arising from mechanical and biological treatment with a metal content as provided in the current version of the Environmental Management System (EMS) and as agreed in writing with the Environment Agency.
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 40	metals

Table S2.5 Permitted Waste types and quantities for Furnace Ready Scrap Storage	
Maximum Quantities	The total quantity of waste accepted at the site shall be less than 295,000 tonnes a year.
Exclusions	Wastes having any of the following characteristics shall not be accepted: • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid
Waste Code	Description
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 10	waste metal
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 01	ferrous metal filings and turnings
12 01 03	non-ferrous metal filings and turnings
12 01 13	welding wastes
12 01 17	waste blasted material other than those mentioned in 12 01 16
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging (including separately collected municipal packaging waste)
15 01 04	metallic packaging
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 02	discarded equipment and its components
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13 (ferrous and non-ferrous metal waste only)
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15 (ferrous and non-ferrous metal waste only)
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin

Table S2.5 Permitted Waste types and quantities for Furnace Ready Scrap Storage	
Maximum Quantities	The total quantity of waste accepted at the site shall be less than 295,000 tonnes a year.
17 04 07	mixed metals
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 02	ferrous materials removed from bottom ash
19 10	wastes from shredding of metal-containing wastes
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
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 40	metals

Table S2.6 Permitted Waste types and quantities for Hazardous Waste Transfer Station	
Maximum Quantities	The total quantity of waste accepted at the site shall be less than 295,000 tonnes a year. No more than 50 tonnes to be stored at any one time.
Exclusions	Wastes having any of the following characteristics shall not be accepted: • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in the form which is either sludge or liquid
Waste Code	Description
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 02	wastes from electrical and electronic equipment
16 02 10*	discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 12*	discarded equipment containing free asbestos
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12

16 02 15*	hazardous components removed from discarded equipment
16 06	Batteries and accumulators
16 06 01*	lead batteries
16 06 02*	Ni-Cd batteries
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 23*	discarded equipment containing chlorofluorocarbons
20 01 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components

Table S2.7 Permitted waste types and quantities for non-hazardous waste transfer station	
Maximum Quantities	The total quantity of waste accepted at the site shall be less than 295,000 tonnes a year.
Exclusions	Wastes having any of the following characteristics shall not be accepted: - Consisting solely or mainly of dusts, powders or loose fibres - Wastes that are in the form which is either sludge or liquid
Waste Code	Description
10	WASTES FROM THERMAL PROCESSES
10 11	wastes from manufacture of glass and glass products
10 11 12	waste glass other than those mentioned in 10 11 11
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging (including separately collected municipal packaging waste)
15 01 02	plastic packaging
15 01 03	wooden packaging
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 06	batteries and accumulators

16 06 04	alkaline batteries (except 16 06 03)
16 06 06	separately collected electrolyte from batteries and accumulators
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 02	wood, glass and plastic
17 02 01	wood
17 02 02	glass
17 02 03	plastic
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 05	glass
19 12 07	wood other than that mentioned in 19 12 06
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 34	batteries and accumulators other than those mentioned in 20 01 33

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	Monitoring standard or method
A1	Pressure relief butterfly valve	No limits set	-	-	-	-

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 on site plan in schedule 7 emission to Blackburn Meadows Sewage Treatment Works (Yorkshire Water)	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
		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

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
		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	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

Note 6: The monitoring frequency may be reduced if the downstream 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.

Table S3.3 Ambient air monitoring requirements				
Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
At a location or locations agreed in writing with the Environment Agency that will obtain reliable and representative data on particulate	PM10 unless otherwise agreed in writing with the Environment Agency.	Quarterly unless otherwise agreed in writing with the Environment Agency.	The equipment shall be operated to a procedure agreed in writing with the Environment Agency.	Monitoring equipment shall meet the MCERTS Performance Standards for Indicative Ambient Particulate Monitors or similar standard agreed in

Table S3.3 Ambient air monitoring requirements				
Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
emissions from the waste management operations.			The emissions management plan must include action levels and regular review cycles with an overriding aim to reduce particulate emissions from the facility and make a comparison against UK air quality standards for PM10	writing with the Environment Agency. The equipment shall be calibrated in accordance with the manufacturer's recommendations or as otherwise agreed with the Environment Agency. The system must be managed and maintained by suitably trained personnel. The system must obtain representative data that must accurately reflect PM10 levels produced by the site's activities.

Table S3.4 Process monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
For each WEEE stream treated mechanically: LDA	Mass balance	Annual	As specified in WEEE appropriate measures for permitted facilities - section 5.4 process monitoring	Annual assessment based upon representative samples of WEEE treated

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
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
Emissions to water Parameters as required by condition 3.5.1	W1	Every 6 months, or as agreed in writing by the Environment Agency.	1 January, 1 July
Process monitoring Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	Annually, or as agreed in writing by the Environment Agency.	1 January

Table S4.2 Annual production/treatment	
Parameter	Units
Metal treated	tonnes
Ferrous metal recovered	tonnes
Non-ferrous metal recovered	tonnes
Non-metallic shredder residue	tonnes

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

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Sewer	Form sewer 1 or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Ambient air monitoring	Form ambient monitoring 1 or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Process monitoring	Form process monitoring 1 or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
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	EPR/KB3902KR
Name of operator	Ron Hull Ltd
Location of Facility	Grange Mill Lane, Sheffield, S9 1HW
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	

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

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

(c) Notification requirements for the breach of permit conditions not related to limits	
To be notified within 24 hours of detection	
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.	

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

Part B – to be submitted as soon as practicable

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

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

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

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

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

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

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

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

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

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

“CRT” means cathode ray tube

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

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

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

“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 or background concentration 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.

“FPD” means flat panel display

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

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

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

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

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

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

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

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016

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

“LDA” means large domestic appliance – e.g. washing machines, dishwashers, cookers etc excluding any items which are waste temperature exchange equipment as defined in guidance Waste temperature exchange equipment: appropriate measures.

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

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

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

“Medium Combustion Plant” or “MCP” means a combustion plant with a net rated thermal input equal to or greater than 1 MW but less than 50 MW.

“Medium Combustion Plant Directive” or “MCPD” means Directive 2015/2193/EU of the European Parliament and of the Council on the limitation of emissions of certain pollutants into the air from medium combustion plants, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

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

“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.

“POPs” means persistent organic pollutants, which are the substances listed in Annexes I and II of the retained Regulation (EU) 2019/1021 as amended by The Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020/1358 and The Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2022/1293.

“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 of 19 November 2008 on Waste.

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

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

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

“SMW” means small mixed WEEE

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

Type 1	Refrigerators with storage capacity less than 0.18m ³
Type 2	Refrigerators or combined fridge-freezers with storage capacity between 0.18m ³ & 0.35m ³
Type 3	Freezers with storage capacity less than 0.50m ³ and combined fridge-freezers with capacity greater than 0.35m ³ and no more than 0.5m ³
Type 4	any refrigerators, freezers or fridge-freezers with a capacity greater than 0.5m ³

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

“sealed container” for the purposes of this permit, means a container which is fully enclosed, weather proof, does not allow any solid or liquid content to escape and is lockable.

“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.’

“VHC” means volatile hydrocarbon.

“VFC” means volatile (hydro)fluorocarbon, including chlorofluorocarbons (CFCs), hydrochlorofluorocarbons (HCFCs) and hydrofluorocarbons (HFCs).

“volatile organic compound” (VOC) means any organic compound as well as the fraction of creosote, having at 293.15 K a vapour pressure of 0.01 kPa or more, or having a corresponding volatility under the particular conditions of use.

“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.

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

“WEEE” means waste electrical and electronic equipment.

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

“WTEE” means waste temperature exchange equipment, as defined in guidance Waste temperature exchange equipment: appropriate measures.

“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;
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

Where the following terms appear in the waste code list in Table[s] S2.3 and S2.6 they have the meaning given below.

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

“heavy metal” means any compound of antimony, arsenic, cadmium, chromium (VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as hazardous substances

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

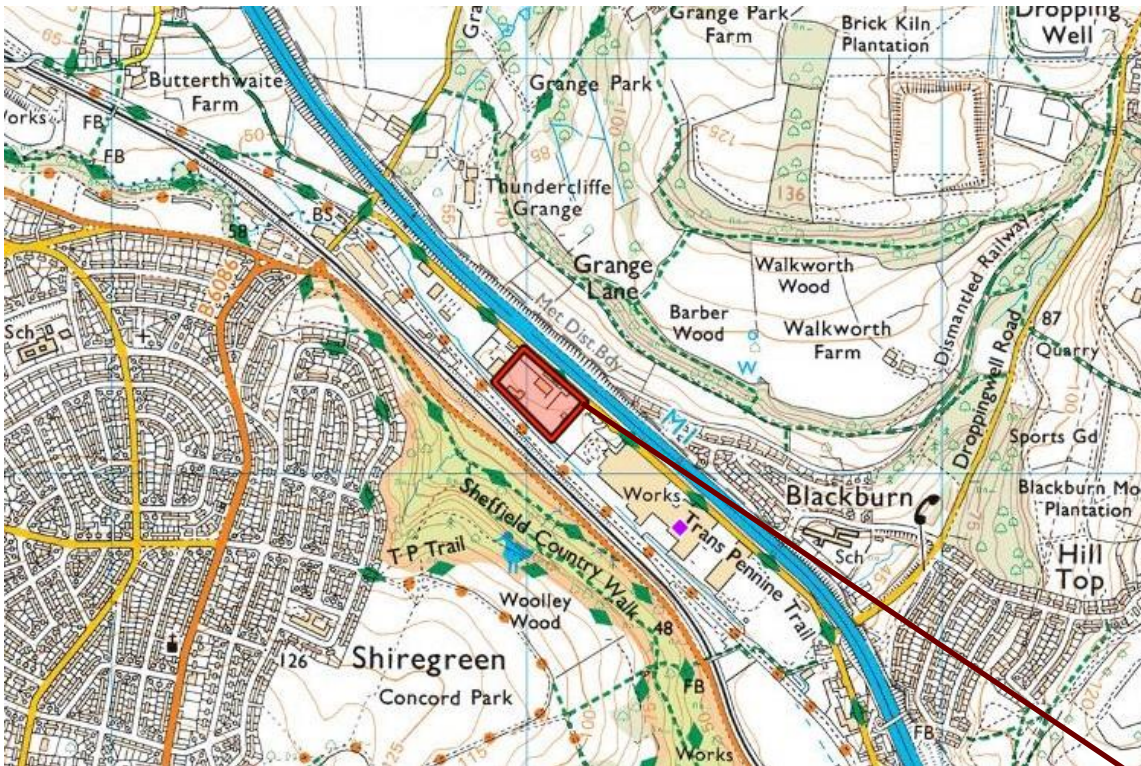
Article 2(a) says that ‘PCBs’ means:

- polychlorinated biphenyls;
- polychlorinated terphenyls;
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromodiphenyl methane; and

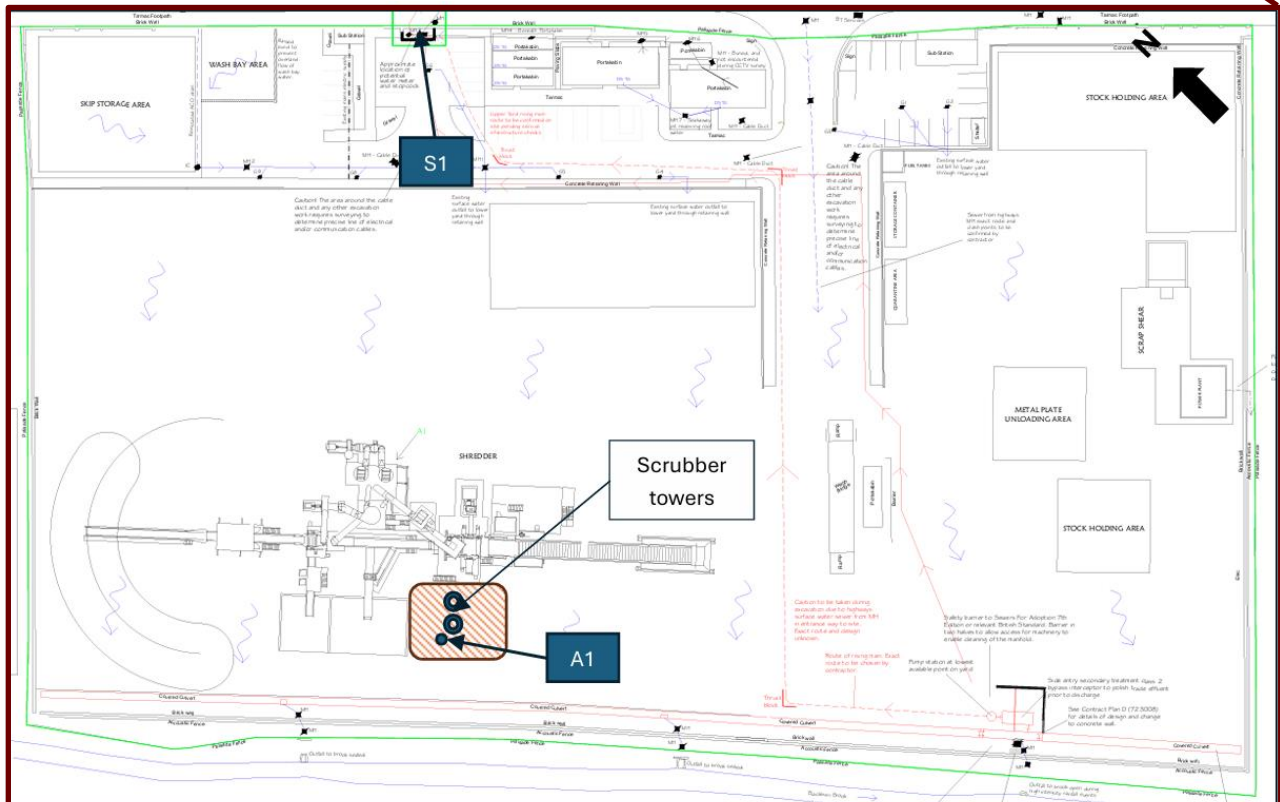
- any mixture containing any of the above mentioned substances in a total of more than 0,005 %by weight.

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

Schedule 7 – Site plan



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END OF PERMIT

Permit Number: **EPR/KB3902KR**

Operator: **Ronald Hull Jnr.
Limited**

Facility: **Grange Mill Lane**

Form Number: **Sewer1 / 08/03/2021**

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 ^[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: **EPR/KB3902KR** **Operator:** **Ronald Hull Jnr. Limited**

Facility: **Grange Mill Lane** **Form Number:** **WaterUsage1 / 08/03/2021**

Reporting of Water Usage for the year

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

Operator's comments:

Signed

Date.....

(authorised to sign as representative of Operator)

Permit Number: EPR/KB3902KR

Operator: Ronald Hull Jnr.
Limited

Facility: Grange Mill Lane

Form Number: Energy1 / 08/03/2021

Reporting of Energy Usage for the year

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

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments:

Signed

Date.....

(Authorised to sign as representative of Operator)

Permit Number: **EPR/KB3902KR**

Operator: **Ronald Hull Jnr. Limited**

Facility: **Grangemill Lane,
Sheffield**

Form Number: **Performance1 / 08/03/2021**

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:	EPR/KB3902KR	Operator:	Ronald Hull Jnr. Limited
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Facility: Grange Mill Metal Recycling Facility **Form Number:** Ambient monitoring1 / 08/03/2021

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

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

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

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

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

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

Signed Date.....

(Authorised to sign as representative of Operator)

Permit Number:	EPR/KB3902KR	Operator:	Ronald Hull Jnr. Limited
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Facility: Grange Mill Metal Recycling Facility **Form Number:** Process Monitoring Form/08/03/2021

Reporting of process monitoring for the period from DD/MM/YY to DD/MM/YY

Monitoring point description or source	Parameter	Reference period	Test method ¹	Result ²	Sample dates and times ³	Uncertainty ⁴

Operator's comments

Signed Date

(Authorised to sign as representative of the operator)

(Please see next page for guidance notes)

Guidance for use: Use this form to report your monitoring results.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

1. Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.
2. Give the result as 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, give the result as the 'minimum to maximum' of the measured values.
3. For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.
4. Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.