Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

ENICOR LIMITED

ENICOR Limited
South Fen Road
Bourne
PE10 0DN

Variation application number

EPR/FB3607HE/V006

Permit number

EPR/FB3607HE

ENICOR Limited
Permit number EPR/FB3607HE

Introductory note

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

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

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

This permit variation has been issued to implement guidance “Treating metal waste in shredders: appropriate measures for permitted facilities” 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 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 metal shredding sector and ELV sector and to implement the appropriate measures guidance. The opportunity has also been taken to consolidate the original permit and subsequent variations where appropriate.

This variation authorises changes to the current downstream metal processing operations. The new Automotive Shredder Residue (ASR) processing plant replaces the current Stage 2 ASR processes. The wash plant will remain operational in interim. The new plant is compliant with our guidance Treating metal waste in shredders: appropriate measures for permitted facilities.

The permit has been updated to include the existing diesel engines that power the shredders and other site operations as a directly associated activity. Compliance with the Medium Combustion Plant (MCP) directive limits and monitoring requirements for existing MCPs (1-5 MWth) is required from 1 January 2030. This will be addressed in a subsequent review.

The Waste Electrical and Electronic Equipment (WEEE) authorised treatment facility waste operation has been removed from the permit to reflect the current site operations.

In addition, this variation incorporates an operator led variation to add cable waste codes to ELV and metal recycling waste operations. This is to ensure that cable waste codes are dual coded as they often arrive in mixed loads and can contain both hazardous and non-hazardous cables. There is no treatment of cables by mechanical treatment, and the maximum quantity of hazardous waste stored at the site does not exceed 50 tonnes at any one time.

Brief description of the process

The ENICOR Limited site operated by ENICOR LIMITED, is a metal waste processing and recovery installation. It is located approximately 4km to the east of Bourne, centred on national grid reference TF 14408 18669. The site is located within a surface water nitrate vulnerable zone and within a flood plain. The site is not within a groundwater source protection zone. The nearest residential property is the operator's own property and is on the boundary of the site.

Waste materials received for shredding (fragmentising) typically consist of postconsumer scrap metals and depolluted end-of-life vehicles (ELVs) and other mixed metal materials. The site operates two metal shredders with a capacity of more than 75 tonnes per day. Both shredders are powered by diesel engines. Shredders are 'damp' shredders, whereby water is injected into the mill chamber under controlled conditions to prevent drenching of the chamber. Post-shredding, the fragmented material passes through magnetic drums and picking lines. The new ASR processing plant will further separate and grade shredder residues and non-ferrous metals using trommels, Eddy Current Separators and other modern fine separation technology. In interim, if further separation is required, the existing wash plant and density separation processes are used to remove non-metallics, stainless steel, cable, aluminium, copper and brass. Separated and shredded aluminium fractions are loaded into a polishing drum which produces high quality shiny aluminium product.

The regulated facility comprises:

- The operation of two metal shredders under 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 with associated Directly Associated Activities (DAAs);
- The operation of ASR processing plant under Section 5.3 A(1) (b)(iv) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment;
- Vehicle storage, depollution and dismantling (authorised treatment) facility: treatment consisting only of depollution of waste motor vehicles; and
- Metal recycling: treatment consisting only of sorting, separation, grading, shearing, bailing, compaction or crushing of non-hazardous waste into different components for recovery.

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**
Licence EAWML 73206 issued (EPR/FP3995SW)	29/09/2005	Permit issued to Mr Colin Riddle, Mr Bruce Riddle, Mr Chris Riddle and Ms June Riddle.
Variation of licence EAWML 73206 (EPR/FP3995SW/V002)	21/06/2007	Variation of permit to delete conditions and add new conditions.
Variation of permit EPR/FP3995SW/V003	07/11/2008	Variation of permit to include WEEE conditions.
Partial transfer or permit EPR/FP3995SW/T004	14/07/2010	Part transfer of land and operations to Blue Sky Plastic and Electrical Recycling Limited.
Partial transfer of permit EPR/FP3995SW/T005	20/10/2011	Part transfer of land and operations to Blue Sky Plastic and Electrical Recycling Limited.
Variation determined EPR/FP3995SW/V006	28/06/2013	Notice of variation issued to increase annual throughput, storage capacities and to update to modern conditions and remove name B Riddle.

Status log of the permit		
Description	**Date**	**Comments**
Variation determined EPR/FP3935SW/V007	20/03/2015	Notice of variation issued to add waste code 16 01 03 – End-of-life tyres.
Variation application EPR/FP3995SW/V008	Duly Made 29/06/2015	Variation to add waste code 19 12 12.
Variation determined EPR/FP3995SW/V008	28/07/2015	Variation of permit to add additional waste code 19 12 12 – Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11.
Variation Application EPR/FP3995SW/V009 (variation and consolidation)	Duly made 29/09/2014	Application to vary and the permit to IED conditions.
Additional information	05/05/2015	Confirmation regarding the site capacities for installation activity and waste activities.
Additional information	07/05/2015	Revised OPRA profile for both installation and waste activities.
Additional information	07/05/2015	Information regarding discharge of contaminated and uncontaminated run-off.
Additional information	19/11/2015	Confirmation regarding WEEE treatment activities.
Additional information	20/11/2015	Confirmation regarding WEEE treatment activities.
Additional information	10/12/2015	Updated Site Plan.
Variation determined EPR/FP3995SW	27/02/2017	Varied and consolidated permit in modern condition format.
Application EPR/FB3607HE/T001 (full transfer of permit EPR/FP3995SW)	Duly made 28/09/2017	Application to transfer the application in full to Peterborough Metals Recycling Limited.
Transfer determined EPR/FB3607HE/T001	24/10/2017	Full transfer of permit complete.
Notified of change of Company Name and Registered office and Site Name	01/06/2023	Name and Registered office and Site Name changed to ENICOR Limited 3 Hazel Court, Midland Way, Barlborough, Derbyshire, S43 4FD.
Variation issued EPR/FB3607HE/V003	21/08/2023	Varied permit issued to ENICOR Limited
Application EPR/FB3607HE/V004 (variation and consolidation)	Duly made 15/03/2024	Application to increase the maximum annual treatment capacity of the metal shredder activities to 180,000 tonnes.
Variation determined EPR/FB3607HE	31/07/2024	Notice of variation issued.
Regulation 61 Notice sent to Operator	17/12/2021	Regulation 61 Notice requiring information for statutory review of permit in relation to the Treating metal waste in shredders appropriate measures for permitted facilities published 20 October 2021.
Regulation 61 Notice response	18/04/2022	Response received from the operator in relation to the Treating metal waste in shredders appropriate measures for permitted facilities published 20 October 2021.

Status log of the permit		
Description	**Date**	**Comments**
Application (variation and consolidation) EPR/FB3607HE/V005	Environment Agency Initiated Variation	Statutory review of permit occasioned by Waste Treatment BAT Conclusions published on 17 August 2018 and Treating metal waste in shredders: appropriate measures for permitted facilities published 20 October 2021.
Additional information received in response to the Request for Further Information (RFI) 08/11/2024	22/11/2024	Information about Environmental Management System, waste tracking, battery storage, shredder residue, point source emissions, generators, surface and process water, End-of-life vehicles and WEEE.
Additional information received in response to the Request for Further Information (RFI) 11/02/2025	07/03/2025 14/03/2025	Information about containment, extraction and abatement, waste storage, interim measures and timescales for improvements. Confirmation that WEEE activity is not carried out at the installation.
Additional information received in response to the Request for Further Information (RFI) 18/03/2025	11/04/2025	Submission of - Site boundary plan - Emission point plan - Abatement information - Information and timescales for improvements
Application EPR/FB3607HE/V006	Duly made 13/05/2025	Application to vary the permit to add cable waste codes.
Additional information received in response to the Request for Further Information (RFI) 09/06/2025	09/06/2025	Information about aluminium processing.
Additional information received in response to the Request for Further Information (RFI) 11/07/2025	19/08/2025	Information about diesel engines and ASR project.
Additional information received in response to the Request for Further Information (RFI) 21/08/2025	01/09/2025	Confirmation on MCPD compliance, radioactive waste and ASR project timescales.
Additional information received in response to the Request for Further Information (RFI) 08/09/2025	22/09/2025	Information about ASR processing plant configuration, wash plant, waste acceptance and waste codes.
Additional information received in response to the Request for Further Information (RFI) 10/10/2025	16/10/2025	Information about wash plant.
Environment Agency Waste Treatment Sector Review Permit reviewed Variation determined EPR/FB3607HE/V005 & EPR/FB3607HE/V006	17/12/2025	Varied and consolidated permit issued.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

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

Permit number

EPR/FB3607HE

Issued to

ENICOR LIMITED ("the operator")

whose registered office is

3 Hazel Court
Midland Way
Barlborough
Chesterfield
England
S43 4FD

company registration number 03365414

to operate a regulated facility at

ENICOR Limited
South Fen Road
Bourne
PE10 0DN

to the extent set out in the schedules.

The notice shall take effect from 17/12/2025

Name	Date
Hannah Finney	**17/12/2025**

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of an Environment Agency initiated variation and the variation application received from the Operator.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/FB3607HE

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/FB3607HE/V006 authorising,

ENICOR LIMITED ("the operator"),

whose registered office is

3 Hazel Court
Midland Way
Barlborough
Chesterfield
England
S43 4FD

company registration number 03365414

to operate an installation and waste operations at

ENICOR Limited
South Fen Road
Bourne
PE10 0DN

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

Name	Date
Hannah Finney	**17/12/2025**

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

(a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and

(b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Energy efficiency

1.2.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR10) 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 AR10) 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 and S2.4; 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 operations specified in schedule 1 table S1.5 shall not commence until the measures specified in that table 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 table S3.1.

3.1.2 The limits given in schedule 3 shall not be exceeded.

3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.2.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;

(b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

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

3.3.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;

(b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Noise and vibration

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

3.4.2 Emissions from the metal shredder shall be free from sudden noise or vibration at levels likely to cause pollution outside the site, unless the operator has used appropriate measures, including but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the sudden noise and vibration.

3.4.3 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;

(b) ambient air monitoring specified in table S3.2; and

(c) process monitoring specified in table S3.3.

3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 table S3.1 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 AR10) 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.

In any other case:

(a) the death of any of the named operators (where the operator consists of more than one named individual);

(b) any change in the operator's name(s) or address(es); and

(c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

(a) the Environment Agency shall be notified at least 14 days before making the change; and

(b) the notification shall contain a description of the proposed change in operation.

4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “immediately”, in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 Activities			
Activity reference	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**
AR1 Shredder 1 (Emission point A1)	S5.4 A(1) (b) (iv) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving treatment in shredders of metal waste, including waste electrical and electronic equipment and end-of-life vehicles and their components.	Shredding of non-hazardous metal waste, WEEE 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 of shredding of waste containing ferrous and non-ferrous metals for recovery. Waste types suitable for acceptance are limited to those non-hazardous waste types specified in Table S2.2. No more than 300 tonnes of waste shall be shredded per day. Treated waste shall be stored for no longer than 6 months. Shredder non-metallic fractions shall be stored undercover.
AR2 Shredder 2 (Emission point A2)	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, WEEE 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 of shredding of waste containing ferrous and non-ferrous metals for recovery. Waste types suitable for acceptance are limited to those non-hazardous waste types specified in Table S2.2. No more than 300 tonnes of waste shall be shredded per day. Treated waste shall be stored for no longer than 6 months. Shredder non-metallic fractions shall be stored undercover.
AR3 ASR plant (Emission point A4)	S5.3 A(1) (a) (ii) Disposal or recovery of hazardous waste with a	Mechanical sorting, segregation and grading of hazardous fractions resulting from the shredding of wastes containing	From treatment of waste by mechanical sorting, segregation, washing, density separation and grading to storage of treated waste.

	capacity exceeding 10 tonnes per day involving physico-chemical treatment	ferrous and non-ferrous metals in activities AR1, AR2 and AR4. 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	Waste types suitable for acceptance are limited to metal shredder residue resulting from activities AR1, AR2 and AR4. No more than 150 tonnes of waste shall be treated per day. Treated waste shall be stored for no longer than 6 months. Shredder non-metallic fractions shall be stored undercover.
	Directly Associated Activities		
AR4	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 in activities AR1 and AR2. 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, grading and polishing to storage of treated waste. No more than 250 tonnes of waste shall be treated per day. Treated waste shall be stored for no longer than 6 months. Shredder non-metallic fractions shall be stored undercover.
AR5	Physical treatment prior to treatment for recovery	Manual and mechanical sorting, segregation and grading of non-hazardous wastes containing ferrous and non-ferrous metals pending treatment in activities AR1 and AR2. R3: Recycling/ reclamation of organic substances which are not used as solvents R4: Recycling/ reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials	From receipt of waste to treatment prior to treatment by activities AR1 and AR2. Treatment consisting only of sorting, separation, screening, grading, shearing or cutting for the purpose of recovery. Waste types suitable for acceptance are limited to those non-hazardous waste types specified in Table S2.2.
AR6	Storage of non-hazardous waste pending on-site treatment	Storage of non-hazardous waste pending treatment in activities AR1, AR2 or AR5. 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 activities AR1, AR2 or AR5. No more than 1000 tonnes of waste shall be stored on site at any one time. 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.
AR7	Raw materials storage	Storage of raw materials including foaming agents and diesel.	From the receipt of raw materials to despatch for use within the facility.

AR8	Surface water collection and storage	Collection and storage of site surface water in collection tanks as shown in Enicor Site Operations Residue Bays plan referenced in Table S1.2.	From the collection of site surface water to storage for recirculation within the facility.
AR9	Combustion Plant	3 x diesel engines (gas oil) <1MWth each	From receipt of fuel to release of products of combustion to air. Includes receipt of fuel and its storage. No fuel shall be used other than diesel.
AR10	Schedule 25A existing Medium Combustion Plant	2 x1.3 MWth diesel engines (gas oil)	From receipt of fuel to release of products of combustion to air. Includes receipt of fuel and its storage. No fuel shall be used other than diesel.
	Waste Operations		
Activity reference	**Description of activities for waste operations**		**Limits of activities**
AR11	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 **R3**: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)		Treatment operations shall be limited to: Treatment consisting of depollution of waste motor vehicles into different components for recovery of wastes. 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. There shall be no treatment of cables by mechanical treatment. No more than 100 tonnes of non-hazardous waste shall be stored at the site. Subject to any other requirements of this permit, wastes shall be stored for no longer than 6 months. 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 batteries, other than sorting and separating from other wastes, and repackaging for third party processing. 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 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 Table S2.3.
AR12	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. 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 cables by mechanical treatment. WEEE cable shall not be mixed with non-WEEE cable. There shall be no treatment of batteries, other than sorting and separating from other wastes, and repackaging for third party processing. 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 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 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 Table S2.4.

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Fire Prevention Plan	Approved Fire Prevention Plan Version 2, 01/12/2022	01/12/2022
Permit review EPR/FB3607HE/V005		
Treating metal waste in shredders: appropriate measures for permitted facilities Version published 20 October 2021	All parts of the appropriate measures guidance shall apply other than: those parts to which an improvement programme requirement applies in Table S1.4 and only until the date that the improvement has been or must be met, whichever is the earlier.	18/04/2022
Additional information Response to Request for Further Information (sent 08/11/2024) End of life vehicles (ELVs): appropriate measures for permitted facilities: Version published 19 October 2023	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 date that the improvement has been or must be met, whichever is the earlier.	22/11/2024
Additional information Response to Request for Further Information (sent 18/03/2025)	E-mail attachments submitted on 11/04/2025 at 18.50 EA reg 61 April 25.xlsx - Enicor Process Flow Shredder Stage 1 – details of the emission control measures - Enicor Process Flow Stage 2 – details of the interim measures and timeframes - Shredder Dust Extraction system design plan - Enicor Site Operations Residue Bays plan	11/04/2025
Additional information Response to Request for Further Information (sent 08/09/2025)	Responses to questions 1 a), b), c), d), e) and f) submitted via e-mail on 22/09/2025 at 12.12	22/09/2025

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**
IC1 Management System	The operator shall review and update their written management system to reflect the new site operations and 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 the following appropriate measures of the guidance will be met: 6.1 Point source emissions to air 6.2 Fugitive emissions to air Specifically, the operator must demonstrate that the following plans/procedures are updated/added to their written management system: • Fire Prevention Plan • Deflagration Management Plan including a procedure for identification of sources such as batteries (measure 6.2.30) • Dust Management Plan including a procedure for ambient air monitoring in accordance with Table S3.2. • Procedure for annual inspection and repair of the site surfacing A copy of the updated procedures shall be submitted to the Environment Agency for approval.	17/06/2026
IC2 Waste storage, segregation and handing	The operator shall review and update their waste storage, segregation and handling procedures 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	17/06/2026

	demonstrate that the following appropriate measure(s) of the guidance will be met: You must store shredder non-metallic fractions under cover (measure 4.1.3) A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.	
IC3 Emissions control procedures	The operator shall review and update their emissions control procedures with regards to Stage 1 Shredders (Activities AR1 and AR2) as shown in Enicor Process Flow diagram referenced in Table S1.2 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 the following appropriate measure(s) of the guidance will be met: You must contain the waste treatment plant (including shredders) to make sure you collect, extract and direct all process emissions to an appropriate abatement system for treatment before release (measure 6.1.1). You must minimise the number of potential diffuse dust and particulates emission sources, using a combination of the following: • limiting the drop height of material • using wind barriers • covering conveyor belts, including enclosure of transfer points • fitting spray nozzles or rubber flaps to the inlet and outlet of the shredder mill • using misting systems and wind barriers in areas with significant dust formation • venting pipe work and ducting to an appropriate abatement system to prevent fugitive emissions (measure 6.2.3). A copy of the updated procedures shall be submitted to the Environment Agency for approval.	17/06/2026
IC4 Emissions control procedures	The operator shall replace the Shredder Stage 2 downstream separation processes excluding the wash plant as shown in Enicor Process Flow stage 2 diagram referenced in Table S1.2 with a new ASR Plant (Activity AR3) that meets with 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 the following appropriate measure(s) of the guidance will be met: You must contain the waste treatment plant (including shredders) to make sure you collect, extract and direct all process emissions to an appropriate abatement system for treatment before release (measure 6.1.1). You must minimise the number of potential diffuse dust and particulates emission sources, using a combination of the following: • limiting the drop height of material • using wind barriers • covering conveyor belts, including enclosure of transfer points	17/06/2026

	• fitting spray nozzles or rubber flaps to the inlet and outlet of the shredder mill • using misting systems and wind barriers in areas with significant dust formation • venting pipe work and ducting to an appropriate abatement system to prevent fugitive emissions (measure 6.2.3). A copy of the updated procedures shall be submitted to the Environment Agency for approval.	
IC5 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 7.1 and 7.2 Treating metal wastes in shredders: appropriate measures for permitted facilities, dated 20 October 2021 referred to in Table S1.2. Your facility's emissions inventory must include information about the relevant characteristics of point source emissions to air. 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 S3.1 (c) the results and conclusions from an assessment of the environmental impact of the emissions to air 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: Air emissions risk assessment for your environmental permit - GOV.UK Where it is concluded that the impact of an emission may be significant or exceed an environment 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 BAT AELs in order to prevent exceedance of environmental standard(s). b) propose revised emission limits that will prevent exceedance of the environmental standard(s) c) where it is concluded that the impact of an emission may be significant or exceed an environment standard, the report must also 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.	17/10/2026

IC6 Site Drainage	The operator shall review and resubmit their site drainage plan to the Environment Agency for approval. The plan shall review the feasibility of clean and dirty water control segregation measures and options for containment, treatment, recycling and re-use of water. The plan shall demonstrate through calculations that all surface water is retained on site and that there is sufficient capacity to store all drainage waters without flooding waste storage and operational areas.	17/12/2026
IC7 Waste storage, segregation and handling procedures	The operator shall review and update their waste storage, segregation and handling procedures to ensure that they meet the requirements of the Environment Agency's guidance Treating metal waste in a shredder: appropriate measures for permitted facilities, dated 20 October 2021 and End of life vehicles (ELVs): appropriate measures for permitted facilities, dated 19 October 2023 referred to in Table S1.2. Specifically, the operator must demonstrate that the following appropriate measure of the guidance will be met: Measure 4.4, point 4 (shredders) and Measure 4.4, point 5 (ELV) which states that lead acid batteries must be stored upright with terminals taped off or capped in acid proof containers to prevent leaks and short circuits, or; provision of a suitable alternative measure. A copy of the updated procedures shall be submitted to the Environment Agency for approval.	17/03/2026

Table S1.5 Pre-operational measures for future development

Reference	Operation	Pre-operational measures
PO1	Operation of the ASR treatment plant (Activity AR3)	At least 8 weeks (or any other date as agreed with the Environment Agency) prior to the commencement of commissioning of the ASR treatment plant (Activity AR3) as detailed in Table S1.2, the operator shall provide a written commissioning plan (including timescales for completion) for approval by the Environment Agency. The commissioning plan shall include the expected emissions to the environment during the commissioning and switch over from the existing plant, the expected durations of commissioning activities and the measures to be taken to protect the environment. Commissioning shall be carried out in accordance with the commissioning plan as approved by the Environment Agency. Operation of the ASR treatment plant (Activity AR3) shall not commence unless the Environment Agency has given prior written permission under this condition.

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	**Specification**
Gas oil	Less than 0.1 percent sulphur content

Table S2.2 Permitted waste types and quantities for Metal Shredding	
Maximum Quantities The total quantity of waste accepted at site for activities AR1 and AR2 shall not exceed 180,000 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
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
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 waste 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
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
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 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 (cookers, washing machines, dishwashers and tumble dryers, excluding heat pump tumble dryers only)
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 for activities AR11 and AR12 shall not exceed 30 000 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 04*	end-of-life vehicles
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 21*	hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14 (cables only)
16 01 22	components not otherwise specified (cables only)
16 06	**batteries and accumulators**
16 06 01*	lead batteries

Table S2.4 Permitted waste types and quantities for Metal Recycling	
Maximum Quantities The total quantity of waste accepted at the site for activities AR11 and AR12 shall not exceed 30 000 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 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
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 waste 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 02	**wastes from electrical and electronic equipment**
16 02 15*	hazardous components removed from discarded equipment (WEEE cables only)
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15 (WEEE cables 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
17 04 10*	cables containing hazardous substances other than oil and coal tar
17 04 11	cables other than those mentioned in 17 04 10
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 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 (cookers, washing machines, dishwashers and tumble dryers, excluding heat pump tumble dryers only)
20 01 40	metals

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (including unit)**	**Reference period**	**Monitoring frequency (Note 1) (Note 2)**	**Monitoring standard or method**
A1 Emissions control system exhaust from metal shredder (Activity AR1) as shown on site plan in schedule 7 Subject to the completion of IC3	Metal shredder air extraction and abatement system	Dust	5 mg/m3	Average value of 3 consecutive measurements of at least 30 minutes	6 monthly	EN 13284-1
		Total VOCs	-	Average value of 3 consecutive measurements of at least 30 minutes	6 monthly	EN 12619
		Brominated flame retardants (Note 3)	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	CEN TS 13649
		Dioxin-like polychlorinated biphenyls (PCBs) (Note 3)	-	One sampling period of at least 6 hours	Annually	EN 1948-1, 2, 4. (Note 4)
		Metals (As, Cd, Co, Cr, Cu, Mn, Ni, Pb, Sb, Se, Tl, V) (Note 3)	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	EN 14385
		Dioxins and furans (PCDD/F) (Note 3)	-	One sampling period of at least 6 hours	Annually	EN 1948-1, 2, 3 (Note 4)
A2 Emissions control system exhaust from metal shredder (Activity AR2)	Metal shredder air extraction and abatement system	Dust	5 mg/m3	Average value of 3 consecutive measurements of at least 30 minutes	6 monthly	EN 13284-1
		Total VOCs	-	Average value of 3 consecutive measurements	6 monthly	EN 12619

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (including unit)**	**Reference period**	**Monitoring frequency (Note 1) (Note 2)**	**Monitoring standard or method**
as shown on site plan in schedule 7 Subject to the completion of IC3				of at least 30 minutes		
		Brominated flame retardants (Note 3)	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	CEN TS 13649
		Dioxin-like polychlorinated biphenyls (PCBs) (Note 3)	-	One sampling period of at least 6 hours	Annually	EN 1948-1, 2, 4. (Note 4)
		Metals (As, Cd, Co, Cr, Cu, Mn, Ni, Pb, Sb, Se, Tl, V) (Note 3)	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	EN 14385
		Dioxins and furans (PCDD/F) (Note 3)	-	One sampling period of at least 6 hours	Annually	EN 1948-1, 2, 3 (Note 4)
A3 Emissions control system exhaust from aluminium polishing (Activity AR4) as shown on site plan in schedule 7	Aluminium polishing air extraction and abatement system	Dust	5 mg/m3	Average value of 3 consecutive measurements of at least 30 minutes	6 monthly	EN 13284-1
A4 Emissions control system exhaust from ASR plant (Activity AR3)	Metal shredder air extraction and abatement system	Dust	5 mg/m3	Average value of 3 consecutive measurements of at least 30 minutes	6 monthly	EN 13284-1
		Total VOCs	-	Average value of 3 consecutive measurements	6 monthly	EN 12619

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (including unit)**	**Reference period**	**Monitoring frequency (Note 1) (Note 2)**	**Monitoring standard or method**
as shown on site plan in schedule 7 Subject to the completion of IC4				of at least 30 minutes		
		Brominated flame retardants (Note 3)	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	CEN TS 13649
		Dioxin-like polychlorinated biphenyls (PCBs) (Note 3)	-	One sampling period of at least 6 hours	Annually	EN 1948-1, 2, 4. (Note 4)
		Metals (As, Cd, Co, Cr, Cu, Mn, Ni, Pb, Sb, Se, Tl, V) (Note 3)	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	EN 14385
		Dioxins and furans (PCDD/F) (Note 3)	-	One sampling period of at least 6 hours	Annually	EN 1948-1, 2, 3 (Note 4)
A5 - Emissions point A5 as shown on site plan in schedule 7	Combustion Plant- diesel engine <1 MWth	-	-	-	-	-
A6 - Emissions point A6 as shown on site plan in schedule 7	Combustion Plant- diesel engine <1 MWth	-	-	-	-	-
A7 - Emissions point A7 as shown on site plan in schedule 7	Combustion Plant- diesel engine <1 MWth	-	-	-	-	-
A8 - Emissions point A8 as shown on site plan in schedule 7	Existing Medium Combustion Plant – diesel engine (1.3 MWth)	-	-	-	-	-

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (including unit)**	**Reference period**	**Monitoring frequency (Note 1) (Note 2)**	**Monitoring standard or method**
A9 - Emissions point A9 as shown on site plan in schedule 7	Existing Medium Combustion Plant – diesel engine (1.3 MWth)	-	-	-	-	-
Note 1: An alternative monitoring frequency may be agreed in writing with Environment Agency following completion of IC5. Note 2: Monitoring frequencies may be reduced with the written agreement of the Environment Agency if emission levels are proven to be sufficiently stable. Note 3: This monitoring requirement and limit only applies when the substance is present in the waste gas stream. Note 4: Instead of EN 1948-1, sampling may also be carried out according to CEN/TS 1948-5.						

Table S3.2 Ambient 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 emissions from the waste management operations.	Total suspended particulates (TSP) unless otherwise agreed in writing with the Environment Agency.	Quarterly unless otherwise agreed in writing with the Environment Agency.	The equipment shall be operated to a procedure agreed in writing with the Environment Agency. The emissions management plan must include action levels and regular review cycles with an overriding aim to reduce particulate emissions from the facility.	Monitoring equipment shall meet the MCERTS Performance Standards for Indicative Ambient Particulate Monitors or similar standard agreed in 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 TSP levels produced by the site's activities.

Table S3.3 Process monitoring requirements				
Emission point reference or source or description of point of measurement	**Parameter (note 1)**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
All mechanical treatment of WEEE by process stream: LDA	Mass balance	Annual	As specified in section 5.4 (process monitoring) of WEEE: appropriate measures for permitted facilities	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**
Emissions to Air Parameters as required by condition 3.5.1	A1, A2, A3 and A4	Every 6 months, or as agreed in writing by the Environment Agency.	1 January
Ambient Air monitoring Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	Quarterly or as agreed in writing by the Environment Agency.	1 January
Process monitoring Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	Every 6 months, or as agreed in writing by the Environment Agency.	1 January

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**
Air	Form air 1 or other form as agreed in writing by the Environment Agency	27/02/2017
Ambient air monitoring	Form ambient monitoring 1 or other form as agreed in writing by the Environment Agency	27/02/2017
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	27/02/2017

Table S4.4 Reporting forms		
Media/parameter	**Reporting format**	**Date of form**
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	27/02/2017
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	27/02/2017
Process monitoring	Form process monitoring 1 or other form as agreed in writing by the Environment Agency	17/12/2025
Waste returns	E-waste returns	--

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

(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.

“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 limit.

“emissions to land” includes emissions to groundwater.

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

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

“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 lll 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.

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

Where the following terms appear in the waste code list in Tables S2.2, S2.3 and S2.4 they have the meaning given below.

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

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

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

Article 2(a) says that ‘PCBs’ means:

- polychlorinated biphenyls;
- polychlorinated terphenyls;
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane; and
- any mixture containing any of the above mentioned substances in a total of more than 0,005 %by weight.

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

Schedule 7 – Site plan

END OF PERMIT

Permit Number:	**EPR/FB3607HE**	**Operator:**	**Enicor Ltd**
Facility:	**Enicor Ltd**	**Form Number:**	**Air1 / DD/MM/YY**

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

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

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

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

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

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

Signed …… Date……..

(Authorised to sign as representative of Operator)

Permit Number:	**EPR/FB3607HE**	**Operator:**	**Enicor Ltd**
Facility:	**Enicor Ltd**	**Form Number:**	**WaterUsage1 / DD/MM/YY**

Reporting of Water Usage for the year

Water Source	Usage (m^3/year)	Specific Usage (m^3/unit output)
TOTAL WATER USAGE		

Operator's comments:

Signed ……. Date……..

(authorised to sign as representative of Operator)

Permit Number:	**EPR/FB3607HE**	**Operator:**	**Enicor Ltd**
Facility:	**Enicor Ltd**	**Form Number:**	**Energy1 / DD/MM/YY**

Reporting of Energy Usage for the year

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity	Primary Energy (MWh)	

* 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/FB3607HE**	**Operator:**	**Enicor Ltd**
Facility:	**Enicor Ltd**	**Form Number:**	**Performance1 / DD/MM/YY**

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

Parameter	Units

Operator's comments:

Signed ……. Date……..

(Authorised to sign as representative of Operator)

Permit Number:	**EPR/FB3607HE**	**Operator:**	**Enicor Ltd**
Facility:	**Enicor Ltd**	**Form Number:**	**Ambient monitoring1 / DD/MM/YY**

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]

[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/FB3607HE Operator: Enicor Ltd

Facility name: Enicor Ltd Form Number: Process Monitoring Form / DD/MM/YY

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)

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.