Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

European Metal Recycling Limited

European Metal Recycling, Dundas Spur
Dundas Lane
Portsmouth
Hampshire
PO3 5NX

Variation application number
EPR/LB3408MP/V002

Permit number
EPR/LB3408MP

European Metal Recycling, Dundas Spur
Permit number EPR/LB3408MP

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”, “Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities” and “End of life vehicles (ELVs): appropriate measures for permitted facilities”.

Changes introduced by this variation notice/statutory review

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

The appropriate measures for WEEE were published on gov.uk on 13 July 2022. The Treating metal waste in shredders: appropriate measures for permitted facilities guidance was published on gov.uk on 20 October 2021. The guidance explains the standards that are relevant to regulated facilities with an environmental permit to treat or transfer relevant wastes, providing indicative BAT for those sites.

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

Brief description of the process

The regulated facility comprises:

European Metal Recycling (EMR) Limited operate a metal recycling site at Dundas Spur, Portsmouth. The site is within 50m of human receptors, 800m of Chichester and Langstone Harbour SSSI, SPA and Ramsar and the Solent Maritime SAC, 2.5km of Portsmouth Harbour SSSI, SPA and Ramsar, and 7.5km of the Solent & Isle of White Lagoons SAC. The facility operates a metal shredder (fragmentiser) with a capacity of more than 75 tonnes per day, this activity falls under the Industrial Emissions Directive:

- Section 5.4 A(1) (b) (iv) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving treatment in shredders of metal waste, including waste electrical and electronic equipment and end-of-life vehicles and their components.

The remaining waste operations on site include the following:

- Manual vehicle storage, depollution and dismantling (authorised treatment) facility;
- WEEE storage and treatment; and

- Metal recycling

The site is permitted to accept less than 130,000 tonnes of waste per year for Activity AR1, and less than 150,000 tonnes of waste per year for all activities. Materials are received which typically consist of post-consumer scrap metals, depolluted end-of-life vehicles (ELVs), Large Domestic Appliances (LDA) and other mixed metal materials.

Materials destined for shredding are stored according to type and transferred by crane grab to the shredder infeed stockpile. Items or materials not suitable for shredding are removed by crane grab to another stockpile for alternative processing. All storage areas are provided with an impermeable concrete surface and sealed drainage system.

EMR operate a Lindemann 1250Hp shredder with a maximum processing capacity of 80 tonnes per hour, which allows up to 800 tonnes of waste to be shredded per day. Material is fed into the main chute. Feed rollers compact and push the material into the mill chamber for shredding.

Water is supplied from a 5000 litre capacity holding tank which is topped up by mains water. This water is injected into the shredding chamber to reduce the temperature and dust emissions. The shredding chamber is housed within a sound proofed building, mounted on springs and rubber dampers to reduce vibration.

The fragmentiser reduces the material size which then goes on to further downstream separation via exit grids and shakers. A cyclone draws off lighter material and utilises a deduster system, using water to capture finer air particles via a wet scrubber. This creates deduster sludge, which is filtered, with the remaining silt deposited into a skip. The excess air from the cyclone is vented to atmosphere through an exhaust.

Light material drawn off by the cyclone is fed by conveyor through a trommel and dropped into a designated bay. The remaining materials pass through an over band magnet and Eddy Current Separator for further separation and recycling. Heavier material follows a similar process, using a dram magnet and a covered picking station to further separate material.

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 A: EPR/EP3292HT		
Description	**Date**	**Comments**
Licence issued 12/14	01/02/1990	Scrapyard licence issued to C.D. Jordan & Son Limited.
Modification issued 12/14A	27/02/1991	Licence reissued.
Modification issued 12/14A	31/05/1996	Waste returns condition added.
Modification issued EAWML 19965 (previously 12/14A)	29/05/2002	Various conditions amended.
Modification issued EAWML 19965	07/11/2008	Environment Agency initiated variation to add WEEE conditions.
Variation issued EPR/EP3292HT/V006 (previously EAWML 19965)	11/12/2009	Environment Agency initiated variation to add WEEE conditions.
Variation and consolidation application EPR/EP3292HT/V007	Duly made 19/09/2014	Application to vary and update the permit to IED conditions. Variation and consolidation of EAWML 19965 (EPR/EP3292HT). EAWML 19963 (EPR/EP3892HY), EAWML 19964

Status log of the permit A: EPR/EP3292HT		
Description	**Date**	**Comments**
		(EPR/EP3492HZ) and EAWML 10242 (EPR/YP3795HY).
Variation determined EPR/EP3292HT	13/03/2017	Varied and consolidated permit issued in modern condition format.
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 sent to Operator	20/04/2022	Regulation 61 Notice requiring information for statutory review of permit in relation to the Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities published 13 July 2022.
Regulation 61 Notice response	30/08/2022	Response received from the operator in relation to the Treating metal waste in shredders: appropriate measures for permitted facilities published 20 October 2021.
Regulation 61 Notice response	30/08/2022	Response received from the operator in relation to the Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities published 13 July 2022.
Application EPR/EP3292HT/V008 (variation and consolidation)	Duly made 08/09/2022	Application to increase the permitted site boundary to include a warehouse to the south of the site.
Variation determined and consolidation issued EP/EP3292HT (Billing Ref: FP3123PF)	21/09/2022	Varied and consolidated permit issued in modern format.
Application EPR/LB3408MP/T001 (full transfer of permit EPR/EP3292HT)	Duly made 08/09/2022	Application to transfer the permit in full to European Metal Recycling Limited
Transfer determined	28/09/2022	Full transfer of permit complete
Application (variation and consolidation) EPR/LB3408MP/V002	Environment Agency Initiated Variation	Statutory review of permit occasioned by Waste Treatment BAT Conclusions published on 17 August 2018 and Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities published 13 July 2022 Treating metal waste in shredders: appropriate measures for permitted facilities published 20 October 2021.
Additional information received in response to the Request for information (RFI) sent 25/10/2024	18/11/2024	Documents received in response to questions 1 to 16 of the RFI: • Waste tonnages • Confirmation of removal of D15 • Treatment of WEEE • Compliance with appropriate measures • Deflagration management plan • Storage of shredder non-metallic fractions undercover

Status log of the permit A: EPR/EP3292HT		
Description	**Date**	**Comments**
		• Confirmation of taping/capping waste batteries • Covering of conveyors/belts
Additional information received in response to the Request for information (RFI) sent 25/11/2024	02/12/2024	Documents received in response to questions 1 to 3 of the RFI: • Site infrastructure plan • Process water • Compliance with ELV appropriate measures • Fire Prevention Plan
Additional information received in response to the Request for information (RFI) sent 29/01/2025	12/02/2025	Documents received in response to questions 1 to 3 of the RFI: • Response to diffuse emissions to air management • Response to covering of shredder non-metallic fractions • Response to process efficiency measures
Additional information received in response to the Request for information (RFI) sent 18/02/2025	20/02/2025	• Email response confirming WEEE treatment methods
Additional information received in response to the Request for information (RFI) sent 07/03/2025	07/03/2025	• Email response to confirming ELV waste codes
Additional information received in response to the Request for information (RFI) sent 11/03/2025	11/03/2025	• Email response confirming manual ELV treatment operation
Environment Agency Waste Treatment Sector Review Permit reviewed Variation determined EPR/LB3408MP/V002	05/09/2025	Varied and consolidated permit issued.

Status log of the permit B: EPR/EP3892HY		
Description	**Date**	**Comments**
Licence issued 12/11A	27/02/1991	Scrapyard licence issued to C.D. Jordan & Son Limited.
Modification issued 12/12	13/05/1991	Licence reissued to Scrap Processing (Portsmouth) Limited.
Modification issued 12/12	31/05/1996	Waste returns condition added.
Transfer issued 12/12	12/11/2002	Licence transferred in full to C.D. Jordan & Son Limited.
Modification issued EAWML 19963 (previously 12/12)	07/11/2008	Environment Agency initiated variation to add interpretation to WEEE conditions.

Status log of the permit B: EPR/EP3892HY		
Description	**Date**	**Comments**
Variation issued EPR/EP3892HY/V005 (previously EAWML 19963)	11/12/2009	Environment Agency initiated variation to amend interpretation to WEEE conditions.
Variation and consolidation application EPR/EP3892HY/V006	Duly made 19/09/2014	Application to vary and update the permit to IED conditions. Variation and consolidation of EAWML 19965 (EPR/EP3292HT). EAWML 19963 (EPR/EP3892HY), EAWML 19964 (EPR/EP3492HZ) and EAWML 10242 (EPR/YP3795HY).
Variation determined EPR/EP3292HT (PAS billing ref: AP3232WN)	13/03/2017	Varied and consolidated permit issued in modern condition format.

Status log of the permit C: EPR/EP3492HZ		
Description	**Date**	**Comments**
Licence granted 12/13	01/02/1990	Scrapyard licence issued to C.D. Jordan & Son Limited.
Modification issued 12/13A	27/02/1991	Licence reissued.
Modification issued 12/13A	31/05/1996	Waste returns condition added.
Modification issued EAWML 19964 (previously 12/13A)	29/05/2002	Various conditions amended.
Variation and consolidation application EPR/EP3492HZ/V005 (previously EAWML 19964)	Duly made 19/09/2014	Application to vary and update the permit to IED conditions. Variation and consolidation of EAWML 19965 (EPR/EP3292HT). EAWML 19963 (EPR/EP3892HY), EAWML 19964 (EPR/EP3492HZ) and EAWML 10242 (EPR/YP3795HY).
Variation determined EPR/EP3292HT (PAS billing ref: AP3232WN)	13/03/2017	Varied and consolidated permit issued in modern condition format.

Status log of the permit D: EPR/EPYP3795HY		
Description	**Date**	**Comments**
Licence issued EAWML 10242	24/05/2004	End of life vehicle permit issued to C. D. Jordan & Son Limited.
Modification issued 10242	07/11/2008	Environment Agency initiated variation to add WEEE conditions
Variation issued EPR/YP3795HY/V003 (previously EAWML 10242)	11/12/2009	Environment Agency initiated variation to amend interpretation to WEEE conditions.
Variation and consolidation application EPR/EP3492HZ/V005 (previously EAWML 19964)	Duly made 19/09/2014	Application to vary and update the permit to IED conditions. Variation and consolidation of EAWML 19965 (EPR/EP3292HT). EAWML 19963 (EPR/EP3892HY), EAWML 19964

Status log of the permit D: EPR/EPYP3795HY		
Description	**Date**	**Comments**
		(EPR/EP3492HZ) and EAWML 10242 (EPR/YP3795HY).
Variation determined EPR/EP3292HT (PAS billing ref: AP3232WN)	13/03/2017	Varied and consolidated permit issued in modern condition format.

Other permits relating to this installation		
Operator	**Permit number**	**Date of issue**
European Metal Recycling Limited	EPR/TB3996DN	17/05/2018

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/LB3408MP

Issued to

European Metal Recycling Limited ("the operator")

whose registered office is

Sirius House
Delta Crescent
Westbrook
Warrington
Cheshire
WA5 7NS

company registration number **02954623**

to operate regulated facilities at

European Metal Recycling, Dundas Spur
Dundas Lane
Portsmouth
Hampshire
PO3 5NX

to the extent set out in the schedules.

The notice shall take effect from 05/09/2025

Name	Date
Anne Lloyd	**05/09/2025**

Authorised on behalf of the Environment Agency

Schedule 1

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

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/LB3408MP

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/LB3408MP/V002 authorising,

European Metal Recycling Limited ("the operator"),

whose registered office is

Sirius House
Delta Crescent
Westbrook
Warrington
Cheshire
WA5 7NS

company registration number **02954623**

to operate an installation and waste operations at

European Metal Recycling, Dundas Spur
Dundas Lane
Portsmouth
Hampshire
PO3 5NX

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

Name	Date
Anne Lloyd	**05/09/2025**

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

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

(b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

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

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

1.2 Energy efficiency

1.2.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR5). The operator shall:

(a) take appropriate measures to ensure that energy is used efficiently in the activities;

(b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and

(c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

1.3.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR5). The operator shall:

(a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;

(b) maintain records of raw materials and water used in the activities;

(c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and

(d) take any further appropriate measures identified by a review.

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

1.4.1 The operator shall take appropriate measures to ensure that:

(a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and

(b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

(c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

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

2 Operations

2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

2.1.2 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 S1.4, 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 S1.4, or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan , and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.3.3 All activities shall take place on impermeable surfaces with sealed drainage, unless otherwise specified in Table S1.1 or agreed in writing with the Environment Agency.

2.3.4 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.

2.3.5 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2 table(s) S2.2, S2.3, S2.4, and S2.5; 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 WEEE treatment

2.6.1 As a minimum, the substances, preparations and components specified in table S1.4 shall be removed from any WEEE unless the WEEE is being prepared for re-use or the operator has taken appropriate measures to ensure their removal following transfer off site.

2.7 Improvement programme

2.7.1 The operator shall complete the improvements specified in schedule 1 table S1.5 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.

2.7.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

3 Emissions and monitoring

3.1 Emissions to water, air or land

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1 and S3.2.

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

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

3.2 Emissions of substances not controlled by emission limits

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

3.2.2 The operator shall:

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

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

3.2.3 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 and S3.2;

(b) ambient air monitoring specified in table S3.3; and

(c) process monitoring specified in table S3.4.

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

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

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1 and S3.2, unless otherwise agreed in writing by the Environment Agency.

3.6 Monitoring for radioactive substances

3.6.1 The operator shall carry out monitoring of all waste delivered to the site to determine, so far as reasonably practicable, whether it contains any radioactive substances.

3.6.2 Monitoring equipment shall be installed and operational 3 months from the issue of this permit.

3.6.3 The monitoring carried out to fulfil condition 3.6.1 shall include, as a minimum, use of:

(a) fixed radiation detectors at all weighbridges at the site; and

(b) a hand held detector to investigate alarms generated by the equipment in (a) above.

3.6.4 The equipment referred to in condition 3.6.3 (a) shall:

(a) include solid state scintillation detectors;

(b) be positioned as close as reasonably practicable to the waste being monitored;

(c) have a sensitivity to gamma radiation consistent with the minimum performance as specified in the International Atomic Energy Agency recommendations in Annex IV of 'Recommendations on Monitoring and Response Procedures for Radioactive Scrap Metal', UNECE, 2006;

(d) include visual and audible alarms which activate on detection of radiation above a defined action level.

3.6.5 All radiation monitoring equipment shall be subject to a regular calibration and testing programme to ensure satisfactory performance is maintained.

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

3.7 Pests

3.7.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.7.2 The operator shall:

(a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests;

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

3.8 Fire prevention

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

3.8.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;

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

4 Information

4.1 Records

4.1.1 All records required to be made by this permit shall:

(a) be legible;

(b) be made as soon as reasonably practicable;

(c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and

(d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:

(i) off-site environmental effects; and

(ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

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

4.2.2 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR4), a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

(a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;

(b) the annual production /treatment data set out in schedule 4 table S4.2; and

(c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

(a) in respect of the parameters and emission points specified in schedule 4 table S4.1;

(b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and

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

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.2.5 Within one month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous 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.

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

(a) a decision by the Secretary of State not to re-certify the agreement;

(b) a decision by either the operator or the Secretary of State to terminate the agreement; and

(c) any subsequent decision by the Secretary of State to re-certify such an agreement.

4.4 Interpretation

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

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

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**
AR1	S5.4 A(1) (b) (iv) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving treatment in shredders of metal waste, including waste electrical and electronic equipment and end-of-life vehicles and their components.	Shredding of non-hazardous metal waste, 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 and granulation of waste containing ferrous and non-ferrous metals for recovery. No more than 800 tonnes of waste shall be shredded per day. Treated waste shall be stored prior to transfer off-site for no longer than 6 months or as agreed in any approved Fire Prevention Plan. Waste types suitable for acceptance are limited to those non-hazardous waste types specified in Table S2.2.
	Directly Associated Activities		
AR2 (relating to AR1)	Physical treatment for the purpose of recycling	Manual and mechanical sorting, segregation and grading of non-hazardous fractions resulting from the shredding of wastes containing ferrous and non-ferrous metals. R3: Recycling/ reclamation of organic substances which are not used as solvents R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials	From treatment consisting of sorting, separation and grading to storage of treated waste. No more than 800 tonnes of waste shall be treated per day. Treated waste shall be stored prior to transfer off-site for no longer than 6 months or as agreed in any approved Fire Prevention Plan. Shredder non-metallic fractions shall be stored under cover.
AR3	Storage of non-hazardous waste pending treatment	Storage of non-hazardous waste pending shredding and granulation R13: Storage of waste pending the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	From receipt of waste to storage of waste prior to treatment by AR1. Storage for no more than 6 months prior to treatment or transfer. Waste types suitable for acceptance are limited to those specified in Table S2.2.

AR4	Raw material handling and storage	Handling and storage of raw materials including lubrication greases, hydraulic oils, engine oils and diesel.	From the receipt of raw materials to despatch for use within the facility.
	Waste Operations		
Activity reference	**Description of activities for waste operations**		**Limits of activities**
AR5	Vehicle storage, depollution and dismantling (authorised treatment) facility. **R13**: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) **R4**: Recycling/ reclamation of metals and metal compounds **R5**: Recycling/ reclamation of other inorganic compounds **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 and sorting, separation, grading, baling, shearing, compacting, crushing or cutting of waste 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. No more than 50 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.
AR6	Waste electrical and electronic equipment (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) **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 compounds	Treatment operations shall be limited to: • Sorting • Separating • Grading • Manual dismantling • Repair and refurbishment WEEE that is POPs waste must not be repaired or refurbished for re-use. Liquids must be removed prior to mechanical treatment. External batteries (including powerpacks) and internal batteries designed to be accessible by the user must be removed prior to mechanical treatment. Except for WEEE awaiting manual sorting, manual dismantling, repair or refurbishment only 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 hazardous waste other than for sorting and separation from other waste streams, repair or refurbishment, or manual dismantling only. Treatment of WEEE shall be carried out within a building provided with a weatherproof covering. 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. WEEE shall be stored on an impermeable surface with sealed drainage. Buildings, covered areas or containers shall meet the following requirements: • buildings, covered areas, or containers shall be designed, constructed and maintained to prevent ingress of rain and surface water; • rain and uncontaminated surface water shall be kept separate from contaminated water and other liquids; • containers containing waste shall be stored on an impermeable surface with a sealed drainage system. Subject to any other requirements of this permit, wastes shall be stored for no longer than 3 months or as agreed in an approved Fire Prevention Plan. Waste types suitable for acceptance are limited to those specified in Table S2.4.
AR7	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)	Treatment operations shall be limited to: • Treatment consisting only of sorting, separation, grading, shearing, bailing, compaction, crushing or cutting of non-

	R4: Recycling/ reclamation of metals and metal compounds	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 batteries, other than sorting and separating from other wastes, and repackaging for third party processing. Subject to any other requirements of this permit, wastes shall be stored for no longer than 6 months or as agreed in an approved Fire Prevention Plan. 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 Batteries shall be stored on site for no longer than 6 months. Waste types suitable for acceptance are limited to those specified in Table S2.5.

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Application EPR/EP3292HT/V006	Part C3, section 2, 3 and 4 of the application document and the information contained in the non-technical summary. Technical standards detailed in C3 and the non-technical summary within the application. Part C2, Q3d Environmental Management System Summary. Part C2. Q6 Environmental Risk Assessment.	19/09/2014
Application EPR/EP3292HT/V008	Application Forms Part C2, C3 and supporting information; • Site condition report • E02-02-01 Environmental Risk Assessment – Acceptance/Control of Non-Permitted Waste • E0202-06 Environmental Risk Assessment - Processes on Site - ELV Depollution & Dismantling • E02-02-08 Environmental Risk Assessment - Equipment	Duly made 08/09/2022
EPR/LB3408MP/V002 Regulation 61 response – supporting document	Updated site layout and drainage plan (Ref: Drawing No. SP15112024 Revision A) dated 15/11/2024. Alternative techniques document reference: • Regulation 61 Response – Metal Shredding dated 30/08/2022 • Permit Review – RFI 2 Response dated 12/02/2025	30/08/2022 15/11/2024 12/02/2025
Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities Version published 13 July 2022	All parts of the appropriate measures guidance shall apply other than: • those parts to which an improvement programme requirement applies in Table S1.5 (and only until the date that the improvement has been or must be met, whichever is the earlier); • those parts listed below which are not applicable; The following parts of the appropriate measures guidance are not applicable: • Waste storage, segregation and handling appropriate measures - Measure 4.2, point 1-18; • Waste treatment appropriate measures; - Measure 5.5, point 1-14; - Measure 5.6, point 1-14;	30/08/2022

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
	- Measure 5.7, point 1-14; - Measure 5.8, point 1-14: - Measure 5.9, point 1-14; - Measure 5.11, point 1-14; - Measure 5.12, point 5.	
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 S1.5 (and only until the date that the improvement has been or must be met, whichever is the earlier); • those parts listed below which are not applicable; • those parts for which an alternative measure has been agreed. The following parts of the appropriate measures guidance are not applicable: • Waste treatment appropriate measures - Measure 5.2, point 6; The following alternative measures have been agreed: • Waste treatment appropriate measures - Measure 5.5, Point 1-3 • Emissions control appropriate measures - Measure 6.1, Point 1 - Measure 6.2, Point 9-10	30/08/2022
End of life vehicles (ELVs): appropriate measures for permitted facilities: Version published 9 October 2023	All parts of the appropriate measures guidance shall apply other than those parts to which an improvement programme requirement applies in Table S1.5 (and only until the date that the improvement has been or must be met, whichever is the earlier).	18/11/2024
Additional information	Deflagration Management Plan received 18/11/2024 (Ref: *E12-10 Deflagration MP EMR Portsmouth-v1*)	18/11/2024

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 Substances, preparations and components to be removed during treatment from WEEE

- Capacitors containing polychlorinated biphenyls in accordance with Council Directive 96/59/EC of 16 September 1996 on the disposal of polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT)
- Mercury-containing components, such as switches or backlighting lamps
- Batteries
- Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres
- Toner cartridges, liquid and paste, as well as colour toner
- Plastic containing brominated flame retardants
- Asbestos waste and components which contain asbestos
- Cathode ray tubes
- Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC), or hydrocarbons (HC)
- Gas discharge lamps
- Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimetres and all those back-lighted with gas discharge lamps
- External electric cables
- Components containing refractory ceramic fibres as described in REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
- Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and the Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionising radiation

Table S1.4 Substances, preparations and components to be removed during treatment from WEEE
• Electrolyte capacitors containing “substances of concern” (height > 25mm, diameter > 25mm or proportionately similar volume)

Table S1.5 Improvement programme requirements		
Reference	Requirement	Date
IC1	The operator shall submit a written procedure to the Environment Agency for approval for the use of Best Available Techniques to trace and inspect baled wastes delivered to the site. This shall include, but not be limited to, detailed monitoring and management of the following: (a) bale suppliers and processing; (b) flame events and audible events associated with processing of baled waste; and (c) concealed items, non-metallic materials, undepolluted End of Life Vehicles, cylinders/sealed containers or heavy non-shreddable items. The procedure shall include risk-based inspection of individual bales which includes pre-shredding, opening or breaking of bales as appropriate. The operator shall implement the procedure in accordance with the Environment Agency’s written approval.	21/09/2023
IC2a Emissions control procedures	The operator shall review and update their emissions control procedures in relation to the heavy fraction conveyors to ensure that they meet the requirements of the Environment Agency’s guidance Treating metal waste in shredders: appropriate measures for permitted facilities, dated 22 October 2021 referred to in Table S1.2. Specifically, the operator must demonstrate that the following appropriate measures of the guidance will be met: Section 6.3, Point 3 - 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.	05/03/2026

Table S1.5 Improvement programme requirements		
IC2b	Upon completion of IC 2a the operator shall submit a written report to the Environment Agency for approval demonstrating: • Effectiveness of the facility's emissions control procedures including but not limited to analysis of the monitoring data • Proposals for any ongoing monitoring or further assessment where necessary • Proposals for any required improvements • Timescales for implementation of proposals where required	05/06/2026
IC3	The Operator shall submit a written proposal to the Environment Agency to carry out tests to determine the size distribution of the particulate matter in the exhaust gas emissions to air from emission point A1, identifying the fractions within the PM_{10}, and $PM_{2.5}$ ranges. The proposal shall include a timetable for approval by the Environment Agency to carry out such tests and produce a report on the results. On receipt of written agreement by the Environment Agency to the proposal and the timetable, the Operator shall carry out the tests and submit to the Environment Agency a report on the results.	21/09/2023
IC4a Updated emissions inventory	The operator shall submit a written report to the Environment Agency for approval that proposes a monitoring programme to fully characterise and assess the facility's point source emission(s) to air and sewer from emission points 'Emission Point to Air', 'Emission Point 1 to Foul Sewer', 'Emission Point 2 to Foul Sewer', and 'Emission Point 3 to Foul Sewer'. The monitoring programme shall be designed to meet the requirements of the Environment Agency's guidance Treating metal waste in shredders: appropriate measures for permitted facilities, dated 22 October 2021 and Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities, dated 13 July 2022 referred to in Table S1.2. Specifically, the operator must demonstrate that the following appropriate measures of the guidance will be met: • Measure 7.1, Emissions to air; • Measure 7.2, Emissions limits and monitoring requirements; and • Measure 7.3, Emissions to water or sewer. The report shall: a) detail the parameters and substances that will be tested for. Monitoring of emissions to air from emissions point 'Emission Point to Air' shall include speciated VOCs. b) Include proposals for monitoring the following parameters: those listed in Schedule 3, Table S3.1 and S3.2 or present conclusive evidence to suggest any parameter is not present/relevant in the emission. c) Detail the monitoring methods, equipment and frequency to be used and justify any alternatives to the methods set out in Schedule 3, Table S3.1 and S3.2 for monitoring the listed parameters. d) Establish a timetable for undertaking the monitoring.	Submission of written report proposing monitoring programme 05/12/2025
IC4b H1 risk assessment (air and sewer)	The operator shall submit a written report to the Environment Agency for assessment and written approval. The report must include:	Submission of written report detailing monitoring and assessment

Table S1.5 Improvement programme requirements		
	a) the results and conclusions of the emissions monitoring and assessment undertaken in accordance with the approved monitoring programme under condition IC4a. b) A comparison of the monitoring results with the limits listed in Schedule 3, Table S3.1 and S3.2. c) the results and conclusions from an assessment of the environmental impact of the emissions to air and sewer using all relevant parameters identified from the monitoring programme proposed under condition IC4a. The assessment must be carried out using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as agreed with the Environment Agency) and/or modelling as required following our guidance: 'Surface water pollution risk assessment for your environmental permit' Air emissions risk assessment for your environmental permit – GOV.UK Where it is concluded that the impact of the emission may be significant or is exceeding an environment standard, the operator shall: d) Review the BAT AELs and determine whether there is a requirement for emissions limits to be lower than the BAT AELs in order to prevent exceedance of environmental standards. e) Propose revised emission limits Where the proposed limits, limits listed in Table S3.1 and S3.2 for any parameter could be exceeded, the report must also include: f) Proposals for measures to mitigate the emission to meet the relevant emission limit such as (additional) abatement and timescales for the implementation of the measures. The proposals shall be implemented within 6 months of approval of the report or as agreed in writing by the Environment Agency.	results and further proposals 6 months from approval of monitoring report in accordance with IC4a or as agreed with the Environment Agency
IC 5 Storing shredder non-metallic fractions under cover	The operator shall review and update their procedures to ensure that they meet the requirements of the Environment Agency's guidance 'Treating metal waste in shredders: appropriate measures for permitted facilities', referred to in Table S1.2. Specifically, the operator must demonstrate by submission of a written report to the Environment Agency for assessment and written approval, that the following appropriate measure(s) of the guidance will be met: • Appropriate measure 3, Section 4.1 Storage locations: You must store shredder non-metallic fractions under cover. The report shall include confirmation that the shredder non-metallic fractions have been moved into a covered storage area that has been appropriately designed as confirmed in response to question 6 of the request for information dated 18/11/2024.	05/12/2025
IC 6 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 and End of life vehicles (ELVs): appropriate measures for permitted facilities referred to in Table S1.2. Specifically, the operator must demonstrate that the following appropriate measure of the guidance will be met:	05/11/2025

Table S1.5 Improvement programme requirements		
	• 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.	
IC 7 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 confirm impermeable surfacing and a sealed drainage system are in place for external areas of the site where waste is stored or handled.	05/12/2025

Schedule 2 – Waste types, raw materials and fuels

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

Table S2.2 Permitted Waste types and quantities for Metal Shredding	
Maximum Quantities The total quantity of waste accepted at the site for activity AR1 shall be less than 130,000 tonnes a year.	
Exclusions	Wastes having any of the following characteristics shall not be accepted: • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid • Hazardous waste
Waste Code	**Description**
02	**WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING**
02 01	**wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing**
02 01 10	waste metal
15	**WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED**
15 01	**packaging (including separately collected municipal packaging waste)**
15 01 04	metallic packaging
16	**WASTES NOT OTHERWISE SPECIFIED IN THE LIST**
16 01	**end-of-life vehicles from different means of transport (including off-road machinery) and 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
16 02	**discarded equipment and its components**
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13 (cookers, washing machines, street lights, dishwashers and tumble dryers, excluding heat pump tumble dryers)
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15 (ferrous and non-ferrous metal waste only)
17	**CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)**
17 04	**metals (including their alloys)**
17 04 02	aluminium

17 04 05	iron and steel
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, street lights, dishwashers and tumble dryers, excluding heat pump tumble dryers)
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 all activities shall not exceed 150,000 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 19	plastic

Table S2.4 Permitted Waste types and quantities for Waste Electrical and Electronic Equipment authorised treatment facility	
Maximum Quantities	The total quantity of waste accepted at the site for all activities shall not exceed 150,000 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 02	**wastes from electrical and electronic equipment**
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 15*	hazardous components removed from discarded equipment
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
16 06	**batteries and accumulators**
16 06 01*	lead batteries
16 06 05	other batteries and accumulators
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 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35

Table S2.5 Permitted Waste types and quantities for Metal Recycling	
Maximum Quantities The total quantity of waste accepted at the site for all activities shall not exceed 150,000 tonnes per year.	
Exclusions	Wastes having any of the following characteristics shall not be accepted: • 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
10	**WASTES FROM THERMAL PROCESSES**
10 02	**wastes from the iron and steel industry**
10 02 10	mill scales
10 03	**wastes from the iron and steel industry**
10 03 02	anode scraps
10 08	**wastes from other non-ferrous thermal metallurgy**
10 08 14	anode scrap
11	**WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLUGY**
11 05	**wastes from hot galvanising processes**
11 05 01	hard zinc
11 05 02	zinc ash
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 02	ferrous metal dust and particles
12 01 03	non-ferrous metal filings and turnings
12 01 04	non-ferrous metal dust and particles
12 01 13	welding wastes
15	**WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED**
15 01	**packaging (including separately collected municipal packaging waste)**
15 01 04	metallic packaging
15 01 05	composite 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
16 06	**batteries and accumulators**
16 06 01*	lead batteries
16 06 02*	Ni-Cd batteries
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
16 08	**spent catalysts**
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
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 oil, coal tar and other hazardous substances
17 04 11	cables other than those mentioned in 17 04 10
19	**WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE**
19 01	**wastes from incineration or pyrolysis of waste**
19 01 02	ferrous materials removed from bottom ash
19 10	**wastes from shredding of metal-containing wastes**
19 10 01	iron and steel waste
19 10 02	non-ferrous wastes
19 10 04	fluff light fraction and dust other than those mentioned in 19 10 03
19 10 06	other fractions other than those mentioned in 19 10
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 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
20 01 34	batteries and accumulators other than those mentioned in 20 01 33

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (including unit)**	**Reference period**	**Monitoring frequency (Note 1) (Note 2)**	**Monitoring standard or method**
A1 Emissions control system exhaust from metal shredder	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	BS EN 1948
		Dioxin-like polychlorinated biphenyls (PCBs) (Note 3)	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	EN 1948-1, 2, 4. (Note 4)
		Metals (As, Cd, Co, Cr, Cu, Mn, Ni, Pb, Sb, Se, 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)	-	Average value of 3 consecutive measurements of at least 30 minutes	Annually	EN 1948-1, 2, 3 (Note 4)

Note 1: An alternative monitoring frequency may be agreed in writing with Environment Agency following completion of IC4a and 4b.

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 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (incl. Unit) (Note 5)**	**Reference period (Note 1)**	**Monitoring frequency (Note 2)**	**Monitoring standard or method**
Emission Point 1 to Foul Sewer as shown on site plan in Schedule 7 to this permit	Site surface water drainage from storage and treatment areas via full retention interceptor	Hydrocarbon oil index (Note 6)	10 mg/l	--	Monthly	EN ISO 9377-2
		Arsenic (Note 4) (Note 6)	0.05 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 BS ISO 17378-1
		Cadmium (Note 4) (Note 6)	0.05 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 BS EN ISO 5961
		Chromium (Note 4) (Note 6)	0.15 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 BS EN 1233
		Copper (Note 4) (Note 6)	0.5 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2
		Lead (Note 4) (Note 6)	0.3 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2
		Nickel (Note 4) (Note 6)	0.5 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2
		Zinc (Note 4) (Note 6)	2.0 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2
		Mercury (Note 4) (Note 6)	0.005 mg/l	--	Monthly	BS EN ISO 17852
		PFOA PFOS Deca BDE (Note 4)	-	--	6 monthly	BS ISO 25101

Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (incl. Unit) (Note 5)**	**Reference period (Note 1)**	**Monitoring frequency (Note 2)**	**Monitoring standard or method**
Emission Point 2 to Foul Sewer as shown on site plan in Schedule 7 to this permit	Site surface water drainage from storage and treatment areas via full retention interceptor	Hydrocarbon oil index (Note 6)	10 mg/l	--	Monthly	EN ISO 9377-2
		Arsenic (Note 4) (Note 6)	0.05 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 BS ISO 17378-1
		Cadmium (Note 4) (Note 6)	0.05 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 BS EN ISO 5961
		Chromium (Note 4) (Note 6)	0.15 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 BS EN 1233
		Copper (Note 4) (Note 6)	0.5 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2
		Lead (Note 4) (Note 6)	0.3 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2
		Nickel (Note 4) (Note 6)	0.5 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2
		Zinc (Note 4) (Note 6)	2.0 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2
		Mercury (Note 4) (Note 6)	0.005 mg/l	--	Monthly	BS EN ISO 17852
		PFOA PFAS Deca BDE (Note 4)	-	--	6 monthly	BS ISO 25101

Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (incl. Unit) (Note 5)**	**Reference period (Note 1)**	**Monitoring frequency (Note 2)**	**Monitoring standard or method**
Emission Point 3 to Foul Sewer as shown on site plan in Schedule 7 to this permit	Process water and site surface water drainage from storage and treatment areas via full retention interceptor	Hydrocarbon oil index (Note 6)	10 mg/l	--	Monthly	EN ISO 9377-2
		Arsenic (Note 4) (Note 6)	0.05 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Cadmium (Note 4) (Note 6)	0.05 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Chromium (Note 4) (Note 6)	0.15 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Copper (Note 4) (Note 6)	0.5 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Lead (Note 4) (Note 6)	0.3 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Nickel (Note 4) (Note 6)	0.5 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Zinc (Note 4) (Note 6)	2.0 mg/l	--	Monthly	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Mercury	0.005 mg/l	--	Monthly	EN ISO 17852

Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (incl. Unit) (Note 5)**	**Reference period (Note 1)**	**Monitoring frequency (Note 2)**	**Monitoring standard or method**
		(Note 4) (Note 6)				EN ISO 12846
		PFOA PFOS Deca BDE (Note 4)	-	--	6 monthly	BS ISO 25101

Note 1 - Relevant reference period:

• In the case of continuous discharge, daily average values, i.e. 24-hour flow-proportional composite samples.

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

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

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

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

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

Note 6: The monitoring frequency may be reduced if the down stream waste water treatment plant abates the pollutant concerned. The operator may request in writing to disapply the BAT-AEL, supported by a revised H1 Assessment and confirmation from the sewerage undertaker that the waste water treatment plant abates the pollutant concerned.

Table S3.3 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. 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 S3.4 Process monitoring requirements				
Emission point reference or source or description of point of measurement	**Parameter**	**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**
Ambient Air monitoring Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	Quarterly or as agreed in writing by the Environment Agency.	1 January
Emissions to Air Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	Every 6 months, or as agreed in writing by the Environment Agency.	1 January
Emissions to water Parameters as required by condition 3.5.1	W1	Every 6 months, or as agreed in writing by the Environment Agency.	1 January, 1 July
Process monitoring Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	Every 6 months, or as agreed in writing by the Environment Agency.	1 January

Table S4.2 Annual production/treatment	
Parameter	**Units**
Metal shredding	
Metal treated	tonnes
Ferrous metal recovered	tonnes
Non-ferrous metal recovered	tonnes
Non-metallic shredder residue	tonnes
WEEE Treatment	
WEEE treated (excluding WTEE)	tonnes
Ferrous metal recovered	tonnes
Non-ferrous metal recovered	tonnes
Other fractions 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	Version 1, 08/03/2021
Sewer	Form sewer 1 or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Ambient air monitoring	Form ambient monitoring 1 or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Waste returns	E-waste returns	--

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

Permit Number	
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 or background concentration limit.

“emissions to land” includes emissions to groundwater.

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

“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.

“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.

“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.

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

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

“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.

“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).

“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 - S2.5 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

EMR Portsmouth Site Plan (Doc Ref. PORTS-PLAN)

Legend

Operator: C D Jordan & Son Ltd
(permit to be transferred to European Metal Recycling Ltd)

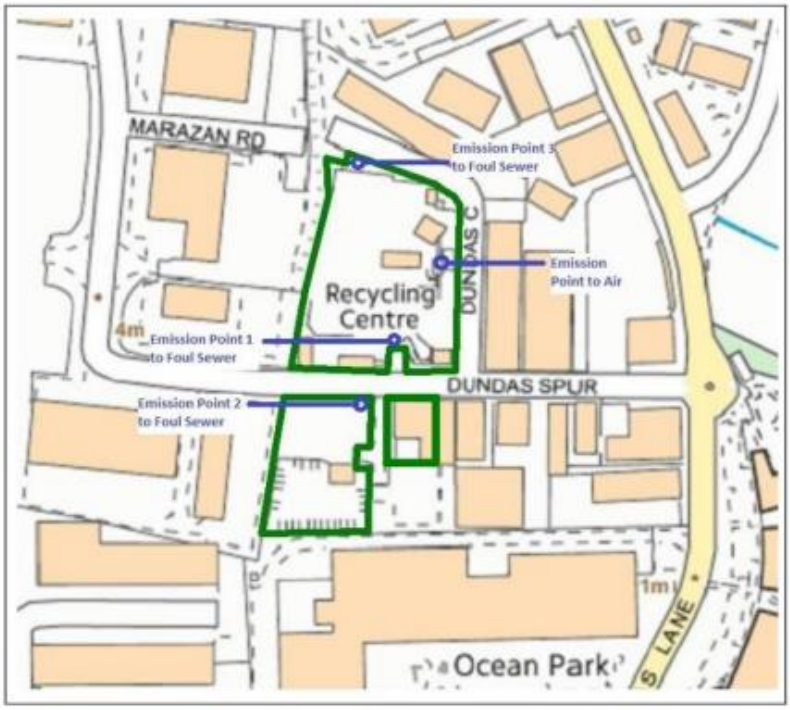
Site Name and Address:
European Metal Recycling Ltd, Dundas Spur, Dundas Lane, Portsmouth PO3 5NX

National Grid Reference of the centre of the site: SU 66684 02710

Scale: 0m ——— 100m

Date: 08/12/2021

Permit boundary: ——



mayer environmental

END OF PERMIT

Permit Number:	**EPR/LB3408MP**	**Operator:**	European Metal Recycling Limited
Facility:	**Dundas Spur**	**Form Number:**	**Air1 / DD/MM/YYYY**

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/LB3408MP**	**Operator:**	European Metal Recycling Limited
Facility:	**Dundas Spur**	**Form Number:**	**Sewer1 / DD/MM/YYYY**

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

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

1. The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
2. Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.
3. For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
4. The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed ……. Date……..

(Authorised to sign as representative of Operator)

Permit Number:	**EPR/LB3408MP**	**Operator:**	European Metal Recycling Limited
Facility:	**Dundas Spur**	**Form Number:**	**WaterUsage1 / DD/MM/YYYY**

Reporting of Water Usage for the year

Water Source	**Usage (m^3/year)**	**Specific Usage (m^3/unit output)**
Mains water		
Site borehole		
River abstraction		
TOTAL WATER USAGE		

Operator's comments:

Signed ……. Date……..

(authorised to sign as representative of Operator)

Permit Number:	**EPR/LB3408MP**	**Operator:**	European Metal Recycling Limited
Facility:	**Dundas Spur**	**Form Number:**	**Energy1 / DD/MM/YYYY**

Reporting of Energy Usage for the year

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

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments:

Signed ……. Date……..

(Authorised to sign as representative of Operator)

Permit Number:	**EPR/LB3408MP**	**Operator:**	European Metal Recycling Limited
Facility:	**Dundas Spur**	**Form Number:**	**Performance1 / DD/MM/YYYY**

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

Parameter	**Units**
Total raw material used	tonnes

Operator's comments:

Signed ……. Date……...

(Authorised to sign as representative of Operator)

Permit Number:	**EPR/LB3408MP**	**Operator:**	European Metal Recycling Limited
Facility:	**Dundas Spur**	**Form Number:**	**Ambient monitoring1 / DD/MM/YYYY**

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

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

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

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

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

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

Signed ……. Date……..

(Authorised to sign as representative of Operator)